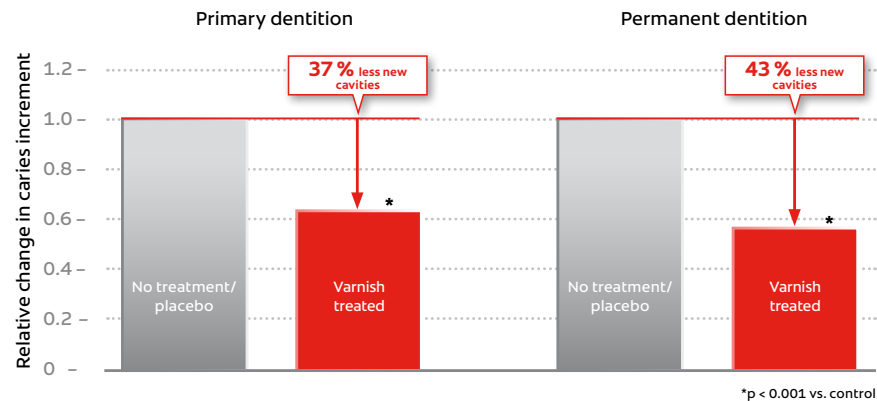


Cochrane Review on Fluoride Varnishes Shows Significant Caries Prevention in Children and Adolescents 2013

Results

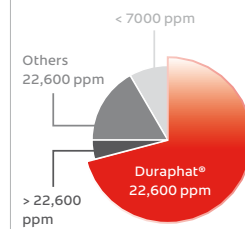


- 10 studies contributed for the **primary tooth surfaces** meta-analysis. The pooled d(e/m)fs prevented fraction estimate was **37 %**
- 13 studies contributed data for the **permanent surfaces** meta-analysis. The pooled D(M)FS prevented fraction estimate was **43 %**

Clinical study essentials:

- **22 studies** included
- **17/22 studies** included in this Cochrane Review use **Colgate Duraphat® varnish**
- **Randomised, parallel group designed and blinded outcome assessed studies** selected
- **12'455 participants** at the age of 1 – 15 years
- Studies with **1 – 5 years** of duration included
- **Published in the Cochrane Database of Systematic Reviews*** in 2013 by Marinho VCC, Worthington HV, Walsh T, Clarkson JE, Cochrane Database of Systematic Reviews 2013, Issue 7. Art. No.: CD002279.DOI:10.1002/14651858. CD002279.pub2

Products used for intervention



Implications for practice

This review demonstrates that, fluoride varnish application from 2 – 4 times a year for all children and adolescents is beneficial and is highly recommended.

*About Cochrane Review: Cochrane Collaboration is a global organisation promoting evidence-informed health decision-making by producing independent, relevant and standardised systematic reviews. This review is developed in accordance with standardised methodological guidance for the preparation and maintenance of Cochrane Intervention reviews.

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Best Research Paper



Bright Smiles Bright Futures



Best Research Poster
Best Case Report



Best Restorative Research Poster
Best Restorative Case Report

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Welcome from the President



Dear colleagues,

The International Association of Paediatric Dentistry welcomes you to its XIII meeting. First of all, I would like to thank the organizing committee led by Professor Richard Welbury. Organizing a meeting is not an easy task, and I have witnessed the tremendous efforts of our colleagues from Scotland in arranging this important event. What we will experience is the result of years of hard and efficient work.

The global community of paediatric dentistry is growing and interest in paediatric dentistry is also increasing around the world. This is excellent news. As we continue to have more colleagues interested in our specialty and improve our knowledge on how to prevent and manage the most prevalent oral diseases in children, we will be contributing to the health and happiness of children around the world. Meetings such as the one we will attend in Glasgow are true examples of the way forward. It is clear that the large number and variety of delegates and the wonderful scientific and social programme offered by our Scottish colleagues is going in exactly the direction IAPD hopes to follow.

Let's enjoy the meeting, let's learn what professors from all over the world have to teach us, let's make new friends with colleagues. Let's make our specialty continue to be the most important, rewarding and fantastic dental specialty in the world!

Jorge Luis Castillo
President of IAPD

Welcome from the Conference Chairman



It is an honour on behalf of the Local Organising Committee of the British Society of Paediatric Dentistry (BSPD) to welcome you to Glasgow for the 25th Congress of the International Association of Paediatric Dentistry (IAPD). It was seven years ago that BSPD first asked me whether I could put a team together to make a bid at IAPD Munich for the 2015 Congress. We did not hesitate in accepting the challenge because the opportunity to showcase our city to the rest of the world was irresistible.

Lots of friends and colleagues have worked very hard over the last six years to enable this congress to take place. I thank them unreservedly for all their time and effort on your behalf. We have been bonded together by a common purpose; to make sure that your visit to Glasgow is a memorable one with so many happy memories that you will want to return. Glasgow is renowned for its hospitality and there is a local saying that 'People make Glasgow'. You will find local people interested to know why you are in Glasgow and wanting to know if they can help you with anything.

Finally I would like to specifically acknowledge the huge amount of work by Helen Rodd our Scientific Chairman, Audrey McClymont our Tartan designer and companion of 'Maisie' and our Congress Organiser team of Vicki Grant, Sharleen Geddes, and Joanne Paterson. Thank you. It has been a pleasure to work with you.

Six years of planning have now come to fruition. Enjoy!

Richard Welbury
Congress Chairman 25th Congress IAPD, Glasgow



General Information

Venue

The Scottish Exhibition and Conference Centre (SECC), Exhibition Way, Glasgow, G3 8YW
Tel: + 44 (0)141 248 3000

Getting to the Venue / Car Parking

The Scottish Exhibition and Conference Centre (SECC) is a 15 minute walk from Glasgow city centre and 11 miles from the city's International Airport.

From the city centre to the SECC

There is a train station at the SECC with a regular link to the city centre. The service is operated by Strathclyde Passenger Transport from Argyle Street Station, Central Station (lower level) and Anderston Station in the city centre – there are 4 trains per hour throughout the day.

For those travelling by car, the SECC is signposted on the main routes into the city and there are several car parks at the venue. If you have attended exhibitions at the SECC prior to 2014, please note that arrangements for parking at the SECC campus have now changed, with the opening of the brand new multi storey car park. The car park is operated by City Parking Glasgow LLP.

This facility is located at: 10 Stobcross Road, Glasgow, G3 8YW.

A map and directional information is available at <http://www.cityparkingglasgow.co.uk/index.aspx?articleid=9996>.

On-site pay machines are located at level 2 (walkway level) and ground floor main foyer level of the car park. Payment can be made by cash or credit/debit card.

Tariff Rates in the MSCP Monday to Sunday are:

- 1 hour £3.50
- 2-12 hours £7.00
- 13 hours £10.50
- 14-24 Hours £14.00

Visitors can either pre-pay after arrival or pay before exiting. The parking area is for cars only and has a height restriction of 1.9m.

Official Language

The official language of the Congress is English. No translation services are available.

Currency

The currency in the UK is Pounds Sterling (GBP). ATM machines are located on the concourse of the SECC.

Registration Desk

The registration desk is located within Hall 1 of the SECC and will be open from the following times below.

Any queries relating to the congress can be directed to the staff on the registration desk.

Pre-Congress workshop symposia:

Morning Symposia Registration:

0900 hours, Wednesday 1st July

Afternoon Symposia Registration:

1330 hours, Wednesday 1st July

Congress Registration:

Wednesday 1st July: 1500 – 1800 hours

Thursday 2nd July: 0815 – 1730 hours

Friday 3rd July: 0830 – 1730 hours

Saturday 4th July: 0830 – 1730 hours

Beyond innovation.

NuSmile® ZR
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A complete zirconia restorative system based on scientific evidence.

Be confident in your choice.

NuSmile products are developed specifically for pediatric dentistry and used by more dentists than any other brand. If it's from NuSmile it's backed by thorough research and designed to deliver time saving efficiencies...all at an exceptional price. It's that simple.

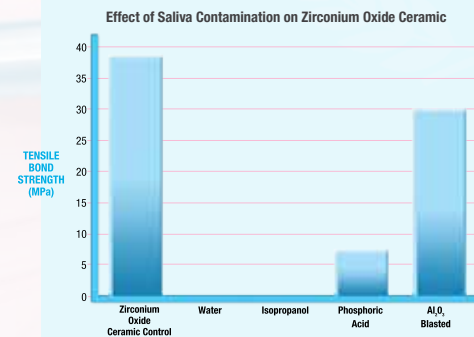
Only NuSmile ZR zirconia crown kits include **FREE Try-In** crowns for the best retention and fewer steps.

Stronger Retention

This independent study of various cleaning regimes shows zirconia free of contaminants from saliva and blood has superior retention to any cement. NuSmile **Try-In** crowns allow the final crown to remain untouched by saliva and blood until cementation.

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Badges

For security reasons, badges must be worn throughout the meeting. Badges can be collected from the Registration desk. Any delegate without a congress badge will not gain access into sessions. If you lose your badge, please make your way to the registration desk where a new badge can be issued.

Conference

All fully registered delegates will receive the following:

- Admission to all sessions
- Admission to the Exhibition Hall
- Admission to the Welcome Reception – pre-registration required
- Admission to the Exhibition Whisky Tasting – no booking required
- Option to purchase a Dinner ticket - £60.00 per person
- Option to purchase a Farewell Party Ticket - £45.00 per person
- Delegate bag including the programme and other materials
- Name Badge
- Abstract publication
- Refreshments during the coffee breaks (Thursday/Friday/Saturday)
- Lunch (Thursday/Friday/Saturday)

IAPD 2015 Secretariat

For any enquires; the IAPD 2015 Secretariat are located at the Registration desk located in Hall 1 of the SECC.

Exhibition Hall

The exhibition is located in Halls 1 & 2 of the SECC. The opening times of the exhibition hall are:

Thursday 2nd July: 0900 – 1830 hours
 Friday 3rd July: 0900 – 1700 hours
 Saturday 4th July: 0900 – 1600 hours

Poster Area

Poster will be located in Halls 1 & 2. Access is restricted to the opening times of the exhibition hall.

- Posters scheduled for a morning session must be mounted between 8.30 and 9.00 hours on Thursday 2nd July, Friday 3rd July or Saturday 4th July. The poster must then be taken down at the end of the session (12.50-13.00 hours). You must stand by your poster at your allocated time slot (between 11.30 and 13.00 hours) to give a 3 minute oral presentation, followed by 2 minutes of questions. The session will be facilitated by a Chair.
- Posters scheduled for an afternoon session must be mounted between 13.00 and 14.00 hours on Thursday 2nd July, Friday 3rd July or Saturday 4th July. The poster must then be taken down at the end of the session (17.00-17.30 hours). You must stand by your poster at your allocated time slot (between 16.00 and 17.00 hours) to give a 3 minute oral presentation, followed by 2 minutes of questions. The session will be facilitated by a Chair.
- Posters remaining on the boards after the end of the session will be removed by the conference organisers and will be taken to the registration desk. If they are not collected by 18.00 on Saturday 4th July they will be disposed of.

Speaker Preview Room

The speaker preview room is located in the Etive room. Opening times are:

Wednesday 1st Jul: 1500 – 1800 hours
 Thursday 2nd July: 0815 – 1730 hours
 Friday 3rd July: 0830 – 1730 hours
 Saturday 4th July: 0830 – 1730 hours

Lunch and Coffee Breaks

Lunch and breaks will be served from the catering outlets located within the exhibition hall.

Lunch & Learn Sessions

If delegates plan to attend any of the lunch and learn sessions, please collect lunch from the exhibition hall and then make your way to the session. Lunch collection is unavailable within the session rooms.



Glasgow Science Centre

Certificate of Attendance

Delegates will be emailed a copy of their certificate of attendance after the Congress. If you require a hard copy certificate to present to your employer on your return, please request a copy from the registration desk. Please note that certificates will not be issued until the morning of Friday 3rd July.

Evaluation Form

Delegates will be emailed a link the evaluation form after the Congress. The email address will be the same as the one you registered with. It is requirement to complete an evaluation form in order to receive a Continuing Development Certificate (CPD/ CME).

CPD Accreditation

The General Dental Council, UK, guidelines advise that CPD will be awarded on the basis of 1 point per 1 hour of education.

Mobile Phones and Devices

Please switch off or mute all electrical devices when you are in sessions.

Business Centre

The SECC Business Centre is located on the Concourse of the SECC and can provide a wide range of services, such as photocopying and faxing facilities. Opening times are 0930 – 1700 hours on open days of the Congress.

ATM

Two cash machines can be located on the Concourse of the SECC.

Lost Property

Lost property will be handed in to the Information Desk located on the Concourse.

Medical Problems

In the event of urgent medical assistance, please contact the Medical Centre located at the East end of the Concourse close to the Information Desk. If medical assistance is required, the nurse / first aider should be contacted immediately at extension 333 or via the control room at extension 290.



The Tall Ship

Fire Precautions

In the event of an emergency the following message will be announced:
 "This is an urgent announcement. An emergency situation has arisen in the Centre. Please leave in an orderly manner by the nearest available exit".

Public Address System

During the Congress the Public Address System is for the use of the Organisers or venue staff only, unless in the case of an urgent emergency.

Smoking

There is a no smoking policy in place within the SECC and all of the social event venues.

Wifi

Wifi is available to all delegates throughout the SECC.

Prayer Room

A prayer room is available on the concourse of the SECC. Please ask the registration staff for directions.

Nextbikes

The SECC has entered into an innovative new partnership with Nextbikes offering conference delegates free bike hire during their conference. The partnership allows delegates to take any number of journeys of up to 45 minutes throughout the duration of the conference.

IAPD attendees are therefore entitled to use the bikes for multiple journeys of up to 45 minutes with only a £1 credit card validation deposit required (refundable on request). If you would like to extend any journey longer than 45 minutes, we have arranged a discounted fee of £0.50 for every subsequent half hour use (you may also use your £1 deposit to extend your journey times).

The nearest Nextbikes station is conveniently located right outside the Clyde Auditorium, with thirty more located around the city, allowing you to take in the key attractions during your visit to Glasgow. Information about the bike stations throughout the city can be found on the Nextbike website, or by downloading the Nextbike app.

Social Events

Pre-registration was required for some of the social events. If you have purchased a social event ticket, you will find this within your registration pack.

If you have not purchased a ticket but would like to attend any of the tours or social events, please ask about availability at the Finance desk.

Welcome Reception

Date: Wednesday 1st July

Time: 1915 – 2130 hours

Ticket: No ticket required

Venue: Glasgow Science Centre, 50 Pacific Quay, Glasgow, G51 1EA

The Welcome Reception will commence immediately after the Opening Ceremony at the SECC. Delegates will cross the River Clyde to the Glasgow Science Centre located directly across from the SECC. Drinks and a

finger buffet will be served. Delegates are encouraged to play with the exhibits.

With grateful thanks to Glasgow City Council for the Civic Hospitality.



Exhibition Whisky Tasting

Date: Thursday 2nd July

Time: 1715 – 1900 hours

Venue: Exhibition Halls 1 & 2

Ticket: Congress badge only

Delegates can sample some of Scotland's finest whisky in the exhibition hall.

Designed to prevent teeth misalignments.

MAM Perfect: 60% thinner, 4 times softer*



Independent studies show the innovation and effects of the MAM Perfect, developed together with dentists and paediatricians:

Its exceptionally thin teat neck and especially soft material were tested in comparisons. Less pressure on teeth and jaws supports healthy dental development. **The experts personally agree.**

- Prof. Dr. Hans-Peter Bantleon, Head of the Department of Orthodontics, Dental University Clinic Vienna, Austria: "Even soothers claiming to be especially tooth friendly demand far more effort than the MAM Perfect."
- Prof. Dr. Reinhold Kerbl, Head of the Department of Paediatrics, Regional Hospital Leoben, Austria: "The jaw spacing with the MAM Perfect and its especially slim neck and soft material is significantly closer."
- Dr. Yvonne Wagner, Dentist, Jena University Clinic, Germany: "The extra thin and soft teat neck of the MAM Perfect minimises the pressure on baby's jaw. This reduces the risk of malocclusions."

The complete study is available at: mambaby.com/professionals

*Scientific reports from the OFI-institute verify: the MAM Perfect's teat neck is 60% thinner, clinical tests by the Dental University Clinic of Vienna confirm: it is also 4 times softer than comparable soothers. (On average: 36 – 76% thinner / 2 – 8 times softer than regular silicone soothers.)



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 Teamwork for maximum safety:
 Only after an OK from our Med-Experts is a MAM innovation ready for baby life.



*All MAM products are made from BPA free materials.

Congress Dinner

Date: Friday 3rd July

Time: 1930 – 0000 hours

Venue: Thistle Hotel, Cambridge Street, Glasgow, G2 3HN

Ticket: Tickets are required for access to the dinner.

Dress Code: National Dress or Smart/Casual
Delegates will arrive to a welcome drinks reception, followed by a sit down dinner and entertainment. Delegates staying in city centre hotels should make their own way to and from the Thistle Hotel. Delegate hotels will be able to phone and book residents a taxi to the venue.

Coach transfers from the on-site hotels will be available outside the SECC at 1910 hours and returning at 0015 hours.

Farewell Party

Date: Saturday 4th July

Time: 1930 – 0000 hours

Venue: Riverside Museum and The Tall Ship Glasgow, 150 Pointhouse Place, Glasgow G3 8RS

Ticket: Tickets are required for access

Dress Code: Pirate Theme

The Tall Ship is berthed on the River Clyde and this will be a fun final party consisting of drinks, buffet and fantastic entertainment. Delegates should make their own travel arrangements to and from the Tall Ship.

Morning Jogs

We are hosting an organised 5 kilometre run on the banks of the River Clyde each morning and on Thursday evening. The route will take in the sights of the Glasgow Science Centre, Clyde Arch Bridge and the Finnieston Crane. It's lovely and flat by the river making this a very accessible run for all abilities, you can even walk if you want to.

There is no need to pre-book, you just need to arrive at the meeting point on time each morning (or on Thursday evening) to join the group.

Meeting Point – front entrance of the SECC

Wednesday 1st July: 0730 hours start
(please aim to be there 5 minutes early)

Thursday 2nd July: 0710 hours for a 0715 hours start

Thursday 2nd July: 0625 hours for a 0630 hours start

Friday 3rd July: 0710 hours for a 0715 hours start

Saturday 4th July: 0710 hours for a 0715 hours start

Tours

Delegates and accompanying guests should meet at the East entrance of the SECC for tour departures. Guests are advised to meet 10 minutes before the scheduled departure time of tours. Please note that the tours will not wait for late arrivals.

If you have pre-booked tours, tickets will be provided in your delegate envelope. Tickets must be presented at the tour bus.

Wednesday 1st July

Glasgow City Tour 1400 – 1700 hours
£35.00 per person.

Thursday 2nd July

Braveheart Tour 0900 – 1730 hours £60.00 per person.

Loch Lomond 1330 – 1730 hours £45.00 per person.

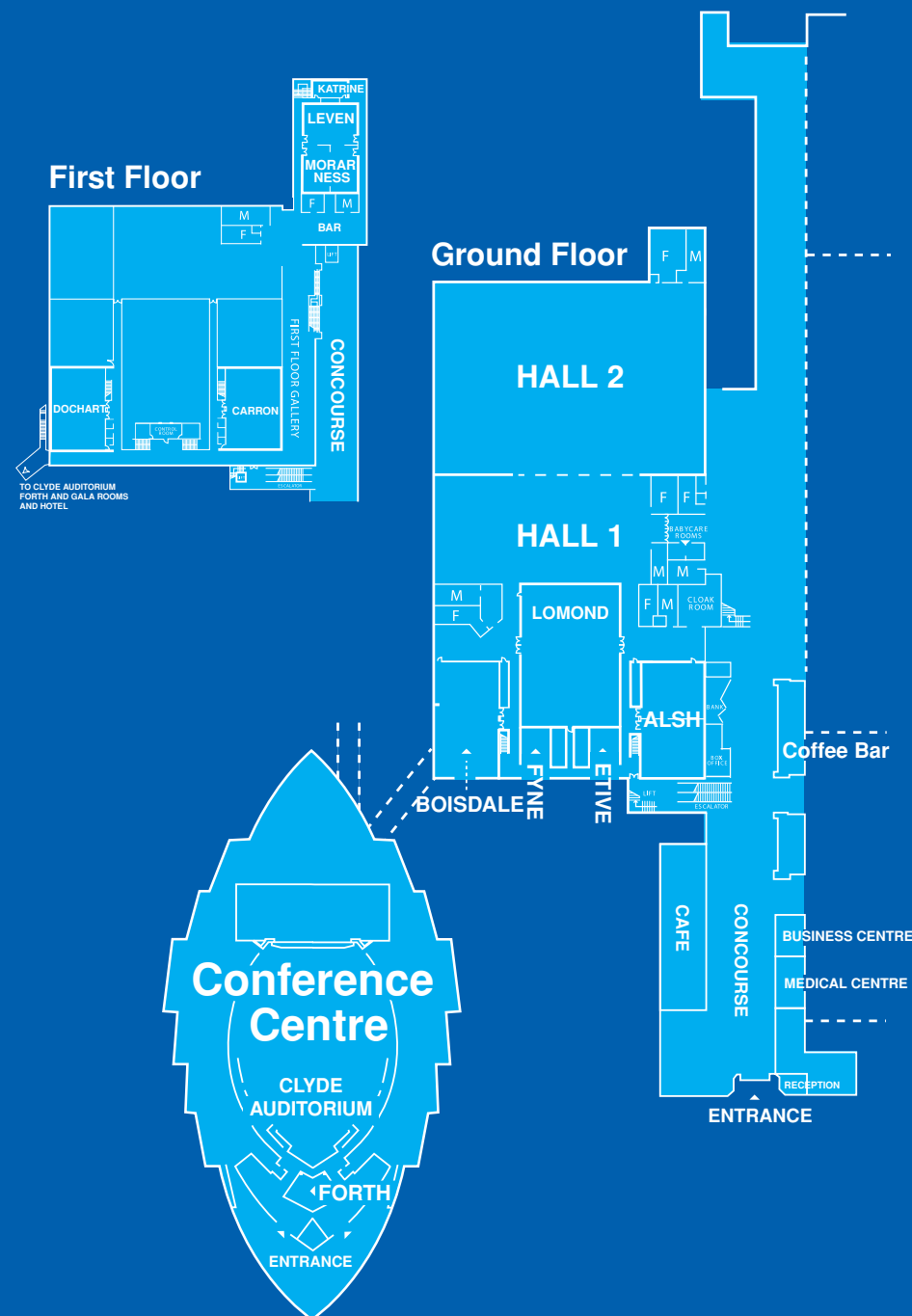
Friday 3rd July

Edinburgh City Tour 0900 – 1730 hours
£60.00 per person.

Glengoyne Distillery 1330 – 1730 hours
£45.00 per person.

Sunday 5th July

Golf at Turnberry: £160 per person
Depart SECC by coach at 0900 hours for a round of golf on the Kintyre Course
Enjoy refreshments on arrival, a round of golf and lunch before returning to Glasgow in the afternoon.



Overview Programme

Wednesday 1st July

	Clyde	Forth	Lomond	Alsh 1
0930 - 1230				Evidence Based Dentistry
1030 - 1150				
1230 - 1400				
1400 - 1645				Oral Health Research with children
1730 - 1900	Opening Ceremony			
1915 - 2130				

Breaks are anticipated between 1030 - 1100 and 1515 - 1530

Alsh 2	Boisdale1	Boisdale 2	Halls 1 & 2	Other locations
Cleft Care: 'the early years'. How, and what is good paediatric cleft care? What is the impact of getting it 'right'?				Hands on practical course Mastering the techniques for successful zirconia restorations in the paediatric patient. Sponsored by NuSmile
	Bright Smiles Bright Future Award			
	IAPD promotion lunch and lecture for postgraduate students			
Multi-disciplinary treatment planning for traumatised incisors				NuSmiles Clinical Skills (at Glasgow Dental Hospital)
				Hands on practical course Mastering the techniques for successful zirconia restorations in the paediatric patient. Sponsored by NuSmile

Thursday 2nd July

	Clyde	Forth	Lomond	Alsh 1
0900 - 1100	Keynote Session: Psychosocial impacts of appearance and oro-facial conditions			
1100 - 1130				
1130 - 1245/1300	Parallel Session: Amelogenesis imperfecta: diagnostic and clinical challenges		Parallel Session: Safeguarding children	Parallel Sessions: Oral presentations Preventive dentistry
1245 - 1400				
1310 - 1350		Lunch and Learn session: SHOFU sponsored lunch and learn - Professor Satoshi Fukumoto, Japan	Lunch and Learn session: Aesthetic crowns for children - Professor Anne O'Connell, Ireland	
1400 - 1530	Keynote Session: Improving dental appearance for young people			
1530 - 1600				
1600 - 1700/1715/1730		Parallel Session: Children do have rights	Parallel Session: Clinical and psychosocial considerations for children with dental anomalies	Parallel Session: Oral Presentations BSPD Clinical Prize
1730 - 1830				

Alsh 2	Boisdale1	Boisdale 2	Halls 1 & 2
			Break
Parallel Sessions: Oral presentations Dental anomalies	Parallel Sessions: Oral presentations Dental anxiety and behavioural management I		Poster Session: Preventive dentistry/ Dental Anomalies Morita Prize poster session
			Lunch
			Break
Parallel Sessions: Oral Presentations Epidemiology/dental public health I	Parallel Sessions: Oral Presentations Dento-aveolar trauma/orthodontic/craniofacial growth and development		Poster Session: Dental anxiety and behavioural management Epidemiology/ dental public health
3M ESPE Sponsored Symposium: Prevent – treat – cover – maintain			

Friday 3rd July

	Clyde	Forth	Lomond	Alsh 1
0900 - 1100	Keynote session: The child in pain			
1100 - 1130				
1130 - 1300	Parallel Session: Involving children in oral health research and service evaluation		Colgate Sponsored Symposium: Dentists as leaders - the art of communication	Parallel Sessions: Oral Presentations Restorative dentistry I
1245 - 1400				
1310 - 1350		Lunch and Learn session: 'The voice of the child' and where is the voice of the dentist?	Lunch and Learn session: Stem Cells in Dental Tissue Engineering	
1400 - 1535	Keynote session: Ethical and inclusive practice	Invited Symposium: Clinical challenges in private practice		
1530 - 1600				
1600 - 1700		Parallel Session: Fluorosis: an increasing global problem. Microstructure and dental management	Parallel Session: Putting children first in prevention	
1700 - 1800				DMG-Dental Sponsored Symposium: The future of aesthetic dentistry with a minimal invasive approach for under 18s

Alsh 2	Boisdale1	Boisdale 2	Halls 1 & 2
			Break
	Parallel Sessions: Oral Presentations Social sciences		Poster Prize Session: Jens Andreasen Award, NuSmile Restorative Dentistry Case Report Poster Session: Dento-alveolar trauma Orthodontics/craniofacial growth and development
			Lunch
			Break
Parallel Session: Oral Presentations Oral surgery/oral medicine/oral pathology	Parallel Session: Oral Presentations Basic science research		Parallel Session: BSPD Poster Prize BSPD DCP Poster Prize Poster Session Restorative dentistry 1 Social science research

Saturday 4th July

	Clyde	Forth	Lomond	Alsh 1
0900 - 1100	Keynote session: The scared child			
1100 - 1130				
1130 - 1300	Parallel Session: Holistic care for the young patient	Parallel Session: NuSmile Restorative Dentistry Research Award	Parallel Session: International perspectives on paediatric sedation	Parallel Session: Oral Presentations Education/service evaluation/audit oral
1245 - 1400				
1300 - 1400			1310 - 1350: Lunch and Learn session Video games and the dental GA	
1400 - 1530	Keynote session: Care for socially deprived children and children with dentoalveolar injury			
1530 - 1600				
1600 - 1700/1730		Parallel Session: Ill children: challenges for the paediatric dentist	Parallel Session: Caries diagnosis and management	
1730	Closing Ceremony			

Alsh 2	Boisdale1	Boisdale 2	Halls 1 & 2
	from 1000 hours: Parallel Session: BSPD Research Prize		
			Break
Parallel Session: Oral Presentations Restorative dentistry oral II	Parallel Session: Oral Presentations Epidemiology/dental public health oral II	Parallel Session: Oral Presentations BSPD Clinical Governance Prize	Poster Session Oral Surgery/oral medicine/oral pathology Periodontology/microbiology Education/service evaluation/audit
			Lunch
		1300 - 1400: Lunch and Learn session MAM Baby sponsored lunch and learn- Examining the effect of a special thin-neck pacifier on the primary dentition	
			Break
Parallel Session: Oral Presentations Dental anxiety and behavioural management II		Parallel Session: Oral Presentations Diagnosis/imaging	Poster Session Basic Science Research Diagnosis/imaging Restorative II

Programme

Wednesday 1st July

Pre-congress Symposia

Breaks are anticipated between 1030 - 1100 and 1515 - 1530

0930 - 1230	Evidence-based dentistry Professor Jan Clarkson, Dr Anne Marie Glenny Professor Helen Worthington, UK	Alsh 1
0930 - 1230	Cleft Care: "the early years". How, and what, is good paediatric cleft care? What is the impact of getting it "right"? Mr Mark Devlin, Mr Toby Gillgrass, Professor Richard Welbury, Mr Craig Russell, UK	Alsh 2
0930 - 1230	Nu-Smiles Clinical Skills (hands on workshop) Mastering the techniques for successful zirconia restorations in the paediatric patient Sponsored by NuSmile Professor Anne O'Connell, UK Dr Mala Desai, Australia Dr Osama El Shawawy, Egypt	Glasgow Dental Hospital
1030 - 1150	Bright Smiles Bright Future Award (open session) Chairs: Anthony Tzong-Ping Tsai, Taiwan, Lisa Papagianopoulis, Greece, Anna Maria Vierrou Greece, Milton Houpt, USA	Boisdale
1030	Special Smiles Dental Project Albert Yeung, UK	
1050	My mama cares for me: a proactive dental home initiative Arun M. Xavier, India	
1110	Changing trends of dental caries and gingival health in 6-15 year children of rural India through a school oral health program: 27 years evaluation Ashima Goyal, India	
1130	Infant Oral Care Program and Protocol (IOCP) Based on MAYA & GIFVT Clinical Trials Francisco Ramos-Gomez, USA	

1230 - 1400	IAPD promotion lunch and lecture for postgraduate students (pre-booked only) <i>(please note that this meeting is only open to postgraduates and that places are limited)</i>	Boisdale
1230 - 1240	Introduction and welcome , Professor Gerald Wright, UK	
1240 - 1310	Lunch and Networking	
1310 - 1350	How to publish your research , Dr Paul Ashley, UK	
1400 - 1645	Oral health research with children Dr Zoe Marshman, Dr Fiona Gilchrist, UK	Alsh 1
1400 - 1645	Multi-disciplinary treatment planning for traumatised incisors Professor Monty Duggal, UK and Dr Peter Day, UK	Alsh 2
1400 - 1645	Hands on practical course Mastering the techniques for successful zirconia restorations in the paediatric patient. Sponsored by NuSmile Professor Anne O'Connell, UK Dr Mala Desai, Australia Dr Osama El Shawawy, Egypt	Glasgow Dental Hospital
1730 - 1900	Opening Ceremony, Clyde Auditorium SECC	
1915 - 2130	Welcome Reception at Glasgow Science Centre	



Thursday 2nd July

0900 - 1100	Keynote Session: Psychosocial impacts of appearance and oro-facial conditions	Clyde
0900 - 0915	Welcome and introductions - Professor Richard Welbury and Professor Helen Rodd, UK	
0915 - 1000	Psychosocial Adjustment to Oro-facial Anomalies in Children and Young People - Professor Nichola Rumsey, UK	
1000 - 1025	Helping children get better: do we make a difference? - Professor Nicky Kilpatrick, Australia	
1025 - 1050	Compromised dental aesthetics in young children - Professor Anne O'Connell, Ireland	
1050 - 1100	Discussion	
1100 - 1130	Break	Halls 1 & 2
1130 - 1245	Parallel Session: Safeguarding children Chairs: Richard Welbury, UK and Anna Marie Vieriou, Greece	Lomond
1135 - 1205	Safeguarding children: an international responsibility - Professor Richard Welbury, UK	
1205 - 1235	Support and challenge: management of dental neglect and missed appointments - Dr Jenny Harris, UK	
1235 - 1245	Discussion	
1130 - 1245	Parallel Session: Amelogenesis imperfecta: diagnostic and clinical challenges Chairs: Prabhleen Anand, UK and Karin Weerheijm, The Netherlands	Clyde
1135 - 1205	The genetic basis of amelogenesis imperfecta - Professor Agnes Bloch-Zupan, France	
1205 - 1235	Clinical and psychosocial impacts of amelogenesis imperfecta - Dr Susan Parekh, UK	
1235 - 1245	Discussion	

1130 - 1300	Parallel Sessions: Oral presentations Preventive dentistry Chairs: Richard Balmer, UK and Eduardo Alcaino, Australia	Aish 1
1130 - 1140	OR01.01 Impact of fluoride in home tap water and total daily fluoride intake on dental fluorosis and dental caries in children in Palestine L. Abuhaloob, Gaza Strip, Occupied Palestinian Territory	
1140 - 1150	OR01.02 Improving the oral health of pre-schoolers A.M. Meldrum, D. E. Coates, A. E. Hannah & W. A. E. Aitken, New Zealand	
1150 - 1200	OR01.03 Effect of different varnish application on treatment of white spot lesions by a quantitative light-induced fluorescence system S. Kara, M. Akcay, E. Kucukyilmaz, S. Savas & H. Altintop, Turkey	
1200 - 1210	OR01.04 State of mineralization markers in oral fluid of children with different risk of caries development M. Shevchenko, L. Kiselnikova, I. Danilova, I. Alekseeva & D. Lezhnev, Russian Federation	
1210 - 1220	OR01.05 Retrospective review of the caries prevention effectiveness of probiotic therapy in a pediatric clinical trial M. L. Cannon & A. Voracek, USA	
1220 - 1230	OR01.06 Effectiveness of the use of caries prevention tools in reducing caries risk in a sub-urban population of children in Nigeria M. O. Ukpung, K. A. Kolawole, N. M. Chukwumah, T. Oyedele & H. Agabje, Oral Habit Study Group O2, Nigeria	
1230 - 1240	OR01.07 Impact of a preventive clinic on general anaesthetic requirements for dental extractions in children with cleft lip/palate S. Parhar, C. Ward, M. Devlin, C. Russell, T. Gillgrass & R. R. Welbury, UK	
1240 - 1250	OR01.08 Children's oral health outcomes after 3 years of school-based oral health program in rural Mexico C. Tung & R. M. Hill, USA	
1250 - 1300	OR01.09 A qualitative study of foster carers' oral health knowledge and experiences caring for the oral health of looked after Children in Tower Hamlets, UK S. K. Subramaniam, F. Wong, D. Wright & V. Muirhead, UK	

- 1130 - 1300** **Parallel Sessions: Oral presentations**
Dental anomalies
Chairs: Barbara Chadwick, UK and Pádraig Fleming, Ireland
- 1130 - 1140** **OR02.01** Prevalence and distribution of hypodontia and associated dental anomalies of mixed dentition in Chinese children
J. Zou, Q. Y. Ling, L. Fang & Q. Zhang, China
- 1140 - 1150** **OR02.02** Agenesis in patients with osteogenesis imperfecta
B. Malmgren, Sweden
- 1150 - 1200** **OR02.03** Late morphological teeth changes in children after chemotherapy
M. Korolenkova, Russian Federation
- 1200 - 1210** **OR02.04** Sequential cleft lip/palate management in China
T. P. Chiang & W. H. Tao, Canada and China
- 1210 - 1220** **OR02.05** Oehlers' type III dens invaginatus presenting in mandibular central incisors using mineral trioxide aggregate for apical barriers while the pulps are vital
N.H. Ma, Y. Liu, S.S. Dai, L. Zhang & Q. Y. Guo, China
- 1220 - 1230** **OR02.06** Exposure and characterisation of collagen ultrastructure in primary teeth affected with osteogenesis imperfecta and dentinogenesis imperfecta
S. Ibrahim, A. Strange, S. Parekh & L. Bozec, UK
- 1230 - 1240** **OR02.07** Oral manifestations in rare diseases
M. Callea, I. Yavuz, E. G. Mancini, M. Maglione, G. Clarich & A. B. Gianni, Italy and Turkey
- 1240 - 1250** **OR02.08** A case of medieval molar-incisor-mineralisation
M. E. J. Curzon, A. R. Ogden & T. Pestell, UK
- 1250 - 1300** **OR02.09** Enamel aplasia and delayed eruption of permanent teeth
S. A. Tukmachi, F. Wong, R. Whatling & F. Fong, UK

Alsh 2

- 1130 - 1300** **Parallel Sessions: Oral presentations**
Dental anxiety and behavioural management I
Chairs: Marie Therese Hosey, UK and Jaap Veerkamp, The Netherlands
- 1130 - 1140** **OR03-1.01** Analgesia and sedation; posttreatment effects
J. Rienhoff, S. Rienhoff, J. Krikken, I. Aartman & J. S. J. Veerkamp, Germany and The Netherlands
- 1140 - 1150** **OR03-1.02** Effect of a smartphone 'app' on toothbrushing behaviour in young children
J. Creeth, R. Lynch, P. Cootes, S. Banks, J. Gordon & S. Spinks, UK
- 1150 - 1200** **OR03-1.03** Evaluating the amnesic effect of nitrous oxide in a mouse model of memory
D. Emmanouil, E. D. Klein & R. M. Quock, Greece and Pullman, WA, USA
- 1200 - 1210** **OR03-1.04** Parental functioning in childhood dental caries
Z. Abbasoglu, P. Algul, B. Buyukbayraktar, O. Zahmacili & N. Sandalli, Turkey
- 1210 - 1220** **OR03-1.05** School-based Intervention Trial Program of Dental Fear on Preschool Children Using Film Modeling in Sekeloa Kindergarten, Bandung, Indonesia
A. S. Setiawan, L. Elsari & H. Agustiani, Indonesia
- 1220 - 1230** **OR03-1.06** Dental anxiety, health-related quality of life, and psychological problems in young people
A. G. Morgan, J. Porritt, S. R. Baker, H. D. Rodd & Z. Marshman, UK
- 1230 - 1240** **OR03-1.07** Prevalence of dental anxiety during the first transitional period of mixed dentition
V. Colares & K. A. Barreto, Brazil
- 1240 - 1250** **OR03-1.08** What the child 'SAID' to the dentist: a pilot RCT
R. Yee, L. Jones & M. T. Hosey, UK and New Zealand
- 1250 - 1300** **OR03-1.09** Development and evaluation of the Child Experience of Dental Anxiety Measure (CEDAM)
J. M. Porritt, A. Morgan, H. D. Rodd, E. Gupta, F. Gilchrist & Z. Marshman, UK

Boisdale 1

1130 - 1250	Poster Session: Preventive dentistry Dental Anomalies	Hall 2
1130 - 1300	Morita Poster Prize session	Hall 1
1245 - 1400	Lunch and exhibition	Halls 1 & 2
1250 - 1350	Lunch and Learn session Aesthetic crowns for children - Professor Anne O'Connell, Ireland	Lomond Auditorium
1250 - 1350	Lunch and Learn session SHOFU sponsored lunch and learn - Professor Satoshi Fukumoto, Japan	Forth Room
1400 - 1535	Keynote Session: Improving dental appearance for young people Chairs: Mike Harrison, UK and Nick Lykidakis, Greece	Clyde
1405 - 1430	Psychosocial aspects of malocclusion: Do we measure it? Are we interested? - Professor Kevin O'Brien, UK	
1430 - 1455	'Mind the Gap' - Interdisciplinary Clinical Management of Young People with Hypodontia - Dr Paul King, UK	
1455 - 1520	Tooth Whitening for Children and Adolescents - Professor Kevin Donly, USA	
1520 - 1530	Discussion	
1535 - 1600	Break	Halls 1 & 2
1600 - 1715	Parallel Session: Children do have rights Chairs: Stephen Fayle, UK and K Gauba, India	Forth Room
1605 - 1635	Constructions of childhood and children's rights - Professor Allison James, UK	
1635 - 1705	Children's rights: clinical perspective - Professor June Nunn, Ireland	
1705 - 1715	Discussion	

1600 - 1730	Parallel Session: Clinical and psychosocial considerations for children with dental anomalies Chairs: Mark Cannon, USA and Rosemary Whatling, UK	Lomond Auditorium
1605 - 1630	Challenges of care for children with Molar Incisor Hypomineralisation - Norbert Kraemer, Germany	
1630 - 1655	Quality of Life and Children's Oral Health - Professor Colman McGrath, Hong Kong	
1655 - 1720	Caring for Children with Dentinogenesis Imperfecta - Professor Tim Wright, USA	
1720 - 1730	Discussion	
1600 - 1700	Parallel Session: Oral Presentations BSPD Clinical Prize Oral Session Chair: Peter Day, UK	Aish 1
1600 - 1610	OZ01.01 Multidisciplinary management of cleidocranial dysostosis A.J. Keightley, C. A. Dunbar, I. Hussein, K. Wilson, D. Bearn & K. Blain, UK and United Arab Emirates	
1610 - 1620	OZ01.02 Comprehensive care of two young siblings diagnosed with dentinogenesis imperfecta type II with six year follow up L. Gartshore & S. Albadri, UK	
1620 - 1630	OZ01.03 An aggressive peripheral giant cell granuloma; a re-occurring problem A. Casaus, S. J. McKaig & F. Blair, UK	
1630 - 1640	OZ01.04 Management of a spindle cell lesion of the mandible in a 3 year old child B. Zaidman, J. Fearne & I. Hutchinson, UK	
1640 - 1650	OZ01.05 Management of persistent gingival enlargement in a child P. N. Correia, D. Lenouvel, S. Wanakurasurya & J. C. Mitchell, UK	
1650 - 1700	OZ01.06 Management of a dental phobic teenager presenting with multiple dilacerated teeth H. Syed, J. M. Fearne & T. Macdonald, UK	

- 1600 - 1700** **Parallel Sessions: Oral Presentations**
Epidemiology/dental public health I
Chairs: Chris Deery, UK and Gerald Wright, Canada
- 1600 - 1610** **OR04-1.01** Caries prevalence in 5- and 10-year old Swedish children with cleft lip and/or palate - a case-control study
A. L. Sundell, A. K. Nilsson, C. Ullbro, S. Twetman & A. Marcusson, Sweden, Norway and Denmark
- 1610 - 1620** **OR04-1.02** Treatment needs of European Special Olympics young athletes
C. Fernandez, K. Fabjanska, I. Kaschke & L. Marks
Belgium, Poland and Germany
- 1620 - 1630** **OR04-1.03** Clinical outcomes in New Zealand primary oral health care
D. Boyd, L. Foster Page & M. Thomson, New Zealand
- 1630 - 1640** **OR04-1.04** Quantitative evaluation of the main cariogenic microorganisms in S-ECC Children with congenital heart disease
W. Zhao, W. Li & D. Yu, China
- 1640 - 1650** **OR04-1.05** The effect of mother's education level, oral health knowledge, attitude, practice and the socioeconomic status on the prevalence of early childhood caries
S. M. A. A. Alwaeer, S. Guner & N. Sandalli, Turkey
- 1650 - 1700** **OR04-1.07** Changing trends of dental caries and gingival health in 6-15 year children of rural India through a school health program: 27 years evaluation
A. Goyal & K. Gauba, India

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- 1600 - 1715** **Parallel Sessions: Oral Presentations**
Dento-aveolar trauma/orthodontic/craniofacial growth and development
Chairs: Peter Day, UK and Michael Casas, Canada
- 1600 - 1610** **OR05/06.01** Experience of dentists managing orofacial trauma in New Zealand
B. K. Drummond, S. Saetrum, A. Nagels & W. M. Thomson, New Zealand
- 1610 - 1620** **OR05/06.02** Prognosis for traumatic dental injuries in the primary dentition
E. Lauridsen & J. O. Andreasen, Denmark
- 1620 - 1630** **OR05/06.03** Colour change in traumatised anterior permanent teeth
A.H. Alawami, S. Muhammad, S. Westland & P. F. Day, UK
- 1630 - 1640** **OR05/06.04** Assessment of the quality of internet information on dental trauma
R. Jacq, A. Vanderzwalme & S. Vital, France
- 1640 - 1650** **OR05/06.05** Evaluation of the effect of the closed-eruption technique on impacted immature maxillary incisors
S. Zheng, Y. Si, X. Shi, Z. Hu, X. Wang & X. Sun, China
- 1650 - 1700** **OR05/06.06** The impact of Bonded-RME on the nasopharyngeal airway space
M. A. Al-Muzian, A. Ayoub & J. McDonald, UK
- 1700 - 1710** **OR05/06.07** Prevalence of spacing in primary dentition of preschool children in middle Taiwan
C. J. Hung, K.T. Sun, H. H. Chiang, Y. H. Hsueh & Y. C. Chang, China

Boisdale 1

- 1600 - 1715** **Poster Session:**
Dental anxiety and behavioural management
Epidemiology/dental public health

Halls 1 & 2

- 1730 - 1830** **3M ESPE Sponsored Symposium:**
Prevent – treat – cover – maintain

Alsh 2

Treatment options in modern paediatric dentistry
Professor Nicola Innes, UK

Fluoridation – prevention and maintenance
Professor Jack Tumba, UK

Friday 3rd July

0900 - 1100	Keynote session: The child in pain Chairs: Jorge Luis Castillo, Peru and Janice Fearn, UK	Clyde
0900 - 0915	Welcome - Professor Jorge Luis Castillo, IAPD President Introduction - Dr Janice Fearn, BSPD President	
0915 - 1000	Understanding and assessing pain in children - Professor Linda Franck, USA	
1000 - 1045	A child-centred model to deal with pain in the dental surgery - Dr Jaap Veerkamp, The Netherlands	
1045 - 1100	Discussion	
1100 - 1130	Break	Halls 1 & 2
1130 - 1300	Parallel Session: Involving children in oral health research and service evaluation Chairs: Ferranti Wong, UK and Morenike Ukpang, UK	Clyde
1135 - 1200	How and why to engage children in oral health research and service evaluation - Dr Zoe Marshman, UK	
1200 - 1225	How Should We Prevent and Manage Dental Caries; What are Children in Clinical Trials Telling us? - Dr Nicola Innes, UK	
1225 - 1250	Child self-reported questionnaires in oral health research and service evaluation: what are they and do we need them? - Dr Lyndie Foster Page, New Zealand	
1250 - 1300	Discussion	
1130 - 1300	Colgate Sponsored Symposium: Dentists as leaders - the art of communication Chairs: Helen Rodd, UK and Tim Newton, UK	Lomond
1130 - 1135	Introduction	
1135 - 1200	Effective Vision - the key to human centered expert practice Professor Nigel Nicholson, UK	
1200 - 1225	Improving adherence to dentists' recommendations for children's oral health Professor Paul Brand, The Netherlands	
1225 - 1250	Promoting oral health equity Professor Richard Watt, UK	
1250 - 1300	Discussion	

1130 - 1300	Parallel Sessions: Oral Presentations Restorative dentistry I Chairs: Kevin Donly, USA and Chris Vernazza, UK	Alsh 1
1130 - 1140	OR08-1.01 A split mouth clinical study evaluating stainless steel crowns and primary zirconia crowns in pulp treated primary molars T. Walia, R. Bashiri & F. Alaghband, United Arab Emirates	
1140 - 1150	OR08-1.02 Pro-inflammatory cytokines inhibit osteogenic/dentinogenic differentiation of stem cells from apical papilla K. Chen, H. Xiong, C. Liu & Y. Huang, China	
1150 - 1200	OR08-1.03 Investigation of the Er: YAG laser and diamond bur cavity preparation on the marginal microleakage of class V cavities restored with different flowable composites Y. Kasimoglu, E. B. Tuna, E. Ozel & E. Firatli, Turkey	
1200 - 1210	OR08-1.04 A study on the apatite formation in the glass ionomer cements by 31P MAS-NMR spectroscopy S. T. Khor, N. Karpukhina & R. G. Hill, United Kingdom	
1210 - 1220	OR08-1.05 The outcome and cost effectiveness of differing treatment strategies for deep caries in primary teeth A. Banihani, J. Toumba, C. Deery, T. Munyombwe & M. Duggal, United Kingdom	
1220 - 1230	OR08-1.06 Sealing or restoring manifest occlusal caries in young permanent teeth: 6-8 years results T. R. Andersen, K. D. Møller, M. Borum, U. Larsen, A. Bakhshandeh & V. Qvist, Denmark	
1230 - 1240	OR08-1.07 How deep is too deep? A retrospective study of the relationship between radiographic caries lesion depth and successful outcomes with the Hall Technique W. Al-Yaseen, D. Evans & N. Innes, Iraq and United Kingdom	
1240 - 1250	OR08-1.08 The use of EZ-Pedo crowns within a private practice M. G. Foster, Australia	
1250 - 1300	OR08-1.09 Retrospective evaluation of clinical and radiographic outcomes of immature permanent teeth treated with regenerative endodontic therapy (RET) H. J. Tong, J. J. Ng, W. Lim, S. S. Tham & V. S. H. Yu, Singapore	

1130 - 1300	Parallel Sessions: Oral Presentations Social sciences Chairs: Jan Clarkson, UK and Linda Franck, USA	Boisdale 1
1130 - 1140	OR09.01 Assessment of oral health status and salivary characteristics of children with type 1 diabetes mellitus P. Subramaniam, K. Kaje, A. Shrama & G. K. L. Babu, India	
1140 - 1150	OR09.02 Development of CARIES-QC: a caries-specific measure of oral health-related quality of life for children F. Gilchrist, H. D. Rodd, C. Deery & Z. Marshman, UK	
1150 - 1200	OR09.03 Use of a patient decision aid for children requiring dental sedation: a pilot study J. Hulin, H. D. Rodd, S. Albadri, Z. Marshman & S. R. Baker, UK	
1200 - 1210	OR09.04 Clinical and behavioral correlates of oral impacts on daily performances M. Lalic, M. Gajic, M. Gajic, K. Perisic, E. Aleksic & S. Lalic, Serbia	
1210 - 1220	OR09.05 The assessment of oral health related quality of life for children after full mouth rehabilitation under general anesthesia A.A. Sharaf, A. Hanno & H. Lotfy, Egypt	
1220 - 1230	OR09.06 Oral health of children in relation to oral health behaviour and locus of control of their parents U. Schiffner & L. Grimm, Germany	
1230 - 1240	OR09.07 Differences in perceptions of oral health related quality (OHRQoL) between children with traumatic dental injuries and their mothers S. H. Al Jundi & I. Radaideh, Jordan	
1240 - 1250	OR09.08 Office based propofol anaesthesia for paediatric dental treatment: evaluation of level of satisfaction in parents of patients L. Van Lint, L. A. Van Der Meer & J. B. Krikken, The Netherlands	
1250 - 1300	OR09.09 'This child is maltreated' - a study of dental professionals reports to the social services T. Kvist, M. Coccozza & G. Dahllöf, Sweden	
1130 - 1300	Poster Prize Session: Jens Andreasen Award, NuSmile Restorative Dentistry Case Report Poster	Hall 1

1130 - 1250	Poster Session: Dento-alveolar trauma Orthodontics/craniofacial growth and development	Hall 2
1245 - 1400	Lunch and exhibition	Halls 1 & 2
1310 - 1350	Lunch and Learn session 'The voice of the child' and where is the voice of the dentist? - Dr Marc Saadia, Dr Roberto Valencia, Mexico Chair: Graeme Wright, UK	Forth
1310 - 1350	Lunch and Learn session Stem Cells in Dental Tissue Engineering - Professor Jaques Nor, USA Chair: Nicky Kilpatrick, Australia	Lomond
1400 - 1535	Keynote session: Ethical and inclusive practice Chairs: Victoria Clark, UK and Joseph Chan, Hong Kong	Clyde
1405 - 1445	Paediatric Ethics in the Clinical and Research Settings - Professor Lainie Friedman Ross, USA	
1445 - 1525	'The hole and the whole' Decision making in paediatric dental practice - Professor Ivar Espelid, Norway	
1525 - 1535	Discussion	Sponsored by Colgate 
1400 - 1530	Invited Symposium: Clinical challenges in private practice Chair: Justin Lee, South Korea and Rute Gomes, Portugal	Forth
1400 - 1405	Introduction Dr James Lucas, Australia	
1405 - 1420	The challenge of behaviour in young children Dr Jinous Tahmassebi, UK	
1420 - 1435	The challenge of children with salivary dysfunction Associate Professor James Lucas, Australia	
1435 - 1450	The challenge of third party providers Associate Professor Yasmi Crystal, USA	
1450 - 1505	The Challenge of space Dr Anna Maria Vierrou, Greece	
1505 - 1530	International Panel Discussion	
1530 - 1600	Break	Halls 1 & 2

1600 - 1715	Parallel Session: Putting children first in prevention Chairs: Fiona Gilchrist, UK and Urshla Devalla, UK	Lomond
1605 - 1635	'It is all in the timing': behavioural approaches in the management of the young patient - Professor Gerry Humphris, UK	
1635 - 1705	Improving population child oral health: the Childsmile approach - Professor Lorna Macpherson, UK	
1705 - 1715	Discussion	
1600 - 1715	Parallel Session: Fluorosis: an increasing global problem. Microstructure and dental management Chairs: Bernadette Drummond, New Zealand and Paul Ashley, UK - Dr Roberto Valencia and Dr Marc Saadia, Mexico	Forth
1600 - 1715	Parallel Session: BSPD Poster Prize BSPD DCP Poster Prize	Hall 1
1600 - 1715	Parallel Session: Oral Presentations Oral surgery/oral medicine/oral pathology Chairs: Terry Gregg, UK and Roger Hall, Australia	Alsh 2
1600 - 1610	OR10.01 Do dental extractions at alveolar bone graft surgery affect outcome? A review of clinical outcomes over a three year period in a regional CLP unit L. A. L. Burbridge, P. D. Hodgkinson, & C. R. Mattick, UK	
1610 - 1620	OR10.02 Low level laser therapy in oral mucositis: preliminary results of a RCT R. Cauwels, V. Van De Velde, C. Dhooge, W. Jacquet & L. Martens, Belgium	
1620 - 1630	OR10.03 Determination of optimal settings for specific low level laser in oral mucositis treatment T. Tomazevic, U. Potocnik & J. Jazbec, Slovenia	
1630 - 1640	OR10.04 Importance of comprehensive dental treatment & health education in Down syndrome B. Varma & N. Fathima, India	
1640 - 1650	OR10.05 Behcet's disease in children: a case series from a UK multidisciplinary clinic S. Albadri & C. E. Pain, UK	
1650 - 1700	OR10.06 Aplasia of the lacrimal and salivary glands (ALSG) in siblings: a case report J. May, S. Mckaig & T. Kandiah, UK	
1700 - 1710	OR10.07 Oral manifestations of a serious underlying condition: a case report of two paediatric patients diagnosed with Langerhans cell histiocytosis S. Hughes, R. Freeman, B. Chadwick & E. J. Hingston, UK	

1600 - 1730	Parallel Session: Oral Presentations Basic science research Chairs: Helen Liversidge, UK and Haim Sarnat, Israel	Boisdale 1
1600 - 1610	OR12.01 Salivary microflora and mode of delivery - a longitudinal study K. Boustedt, G. Dahlén, J. Dahlgren, J. Roswall & S. Twetman, Sweden and Denmark	
1610 - 1620	OR12.02 The D3 group - bridging clinics, labs and people V. Perez, J. Mangum & M. Hubbard, Australia	
1620 - 1630	OR12.03 Exosome-transferred non-coding RNA mediates osteoclastogenesis in β-thalassemia major K. T. Sun, S. C. Chen, Y. N. Huang, C. H. Li & C. Y. Li, Taiwan, Republic of China	
1630 - 1640	OR12.04 Fingernails as biomarker of fluoride exposure in relation to the use of toothpaste with different concentrations of fluoride in young children M. Cilensek, S. Burnik Bobic, M. Kosorok, M. Zorec Karlovšek & R. Kosem, Slovenia	
1640 - 1650	OR12.05 Preliminary study on stem cells from human exfoliated deciduous teeth and cell sheet-mediated pulp regeneration N. Xie, F. Liu, Y. Y. Zhang & Q.Y. Guo, China	
1650 - 1700	OR12.06 Helicobacter pylori detected in oral specimens and investigation of dental pulp fibroblast cell adhesion and invasion Y. Ogaya, R. Nomura & K. Nakano, Japan	
1700 - 1710	OR12.07 Classification of mineral trioxide aggregate and portland cement materials and its implications for pediatric dentistry R. Steffen, M. Duggal & H. Van Waes, Switzerland & UK	
1710 - 1720	OR12.08 Semi real-time erosion of human enamel at the nano-scale J. Pattern, P. Waterhouse & M. German, UK	
1720 - 1730	OR12.09 Pulp cell regeneration in minipig S. Vital, F. Mangione, F. Decup, C. Bardet J. Lesieur & C. Chaussain, France	
1600 - 1715	Poster Session Restorative dentistry 1 Social science research	Hall 2
1700 - 1800	DMG-Dental Sponsored Symposium The future of aesthetic dentistry with a minimal invasive approach for under 18's - Linda Greenwall, UK	Alsh 1

Saturday 4th July

- 0900 - 1100** **Keynote Session: The scared child**
Chairs: Rosemary Bryan, UK and Christina Stecksén Bliks, Sweden
- 0900 - 0915** Welcome and Introduction
- 0915 - 0950** The psychologist's perspective on dental anxiety in young people - Professor Tim Newton, UK
- 0950 - 1015** The paediatric dentist's role in managing dental anxiety - Professor Marie Therese Hosey, UK
- 1015 - 1050** Psychosocial aspects of paediatric dental GA - Professor Murray Thomson, New Zealand
- 1050 - 1100** Discussion

Clyde



- 1000 - 1100** **Parallel Session: BSPD Research Prize**
Chair: Sondros Albadri, UK
- 1000 - 1010** **OZ02.01 The oral health behaviours of parents of young children living in deprived areas of the North of England**
H. J. Rogers, S. M. Ahern, P. F. Day, R. Mceachan & Z. Marshman, UK
- 1010 - 1020** **OZ02.02 Systematic review of facilitators and barriers to home-based toothbrushing practices by parents of young children**
E. Aliakbari, K. Vinnall-Collier, K. Gray-Burrows, Z. Marshman & P. F. Day, UK
- 1020 - 1030** **OZ02.03 A quantitative and qualitative survey of undergraduates' perspectives of their paediatric dental training**
S. E. K. Grosse & N. P. T. Innes, UK
- 1030 - 1040** **OZ02.04 Prevention of enamel demineralisation in orthodontic patients using slow release fluoride glass devices**
C. Tatsi, F. Luther, M. Duggal & K. J. Tumba, UK
- 1040 - 1050** **OZ02.05 The consequences of premature extraction of primary teeth on the subsequent need for orthodontic treatment: a systematic review**
N. Bhujel, M. Duggal, P. Saini & P. F. Day, UK
- 1050 - 1100** **OZ02.06 Dental trauma research: on children or with children?**
A. Wallace, H. J. Rogers, H. Zaitoun, H. D. Rodd, F. Gilchrist & Z. Marshman, UK

Boisdale 2

1100 - 1130 Break

Halls 1 and 2

- 1130 - 1300** **Parallel Session: Holistic care for the young patient** **Forth**
Chairs: Martin Curzon, UK and Anne O'Connell, Ireland
- 1130 - 1150** **Restorative choices for young children with severe caries**
- Professor Nikolaos Kotsanos, Greece
- 1150 - 1210** **Clinical considerations for the paediatric dental GA**
- Dr Nick Lygidakis, Greece
- 1210 - 1230** **Premature loss of primary anterior teeth due to trauma: potential short and long term sequelae**
- Professor Gideon Holan, Israel
- 1230 - 1245** **Discussion**
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- 1130 - 1245** **Parallel Session: International perspectives on paediatric sedation** **Lomond**
Chairs: Eduardo Alcaino, Australia and Sondas Albadri, UK
Session led by Dr Eduardo Alcaino, Australia
Professor Shun-Te Huang, Taiwan and Dr Alan Milnes, Canada



- 1130 - 1300** **Parallel Session: Oral Presentations** **Aish 1**
Education/service evaluation/audit
Chairs: Sanjeev Sood, UK and Goran Dahlof, Sweden
- 1130 - 1140** **OR11.01 Safeguarding children log: a 3 year retrospective audit of data at the Eastman Dental Hospital, UCLH, London**
A. Patrick & A. Johnson, UK
- 1140 - 1150** **OR11.02 The teaching of management of the pulp in primary molars in Europe**
J. Monteiro, A. Ni Chaollai & M. Duggal, UK and Ireland
- 1150 - 1200** **OR11.03 An audit to assess the consent process for looked after children**
F. Thomson, R. Balmer & A. Hollis, UK
- 1200 - 1210** **OR11.04 Blended learning paediatric dentistry MSc: developing a model of delivery**
S. Parekh, P. F. Ashley & M. Jenner, UK
- 1210 - 1220** **OR11.05 A model 'infant and child oral health promotion' interprofessional education (IPE) program for professional health sciences**
G. Kulkarni, Canada
- 1220 - 1230** **OR11.06 An audit looking how interventions involving specialist nurses and paediatric dentists have influenced early dental health behaviour in families with a child with a cleft**
J. A. Smallridge, V. Clarke, M. Collard, J. Mooney & S. O'Connell, UK
- 1230 - 1240** **OR11.07 Changes in empathy during dental specialty training in Thessaloniki, Greece**
D. Tsiantou, N. Tziaila, K. Araposthathis & N. Kotsanos, Greece
- 1240 - 1250** **OR11.08 Knowledge of Croatian general dentists to cope with a medical emergency in paediatric patients**
I Čuković-Bagić, S. Hrvatin, J. Jeličić, H. Pezo & L. Marks, Croatia and Belgium
- 1250 - 1300** **OR11.09 Sociography and educative communication: a matter of human relationships on therapeutic**
M. Valle, S. Krämer & A. Véliz, Chile

- 1130 - 1250** **Parallel Session: Oral Presentations**
Restorative dentistry oral II
Chairs: Claire Stevens and Ashima Goyal, India
- 1130 - 1140** **OR08-2.01 Microleakage of restorations and scanning electron microscopy examination following cavity preparation by Er:YAG, Er,Cr:YSGG lasers and diamond bur on primary molars**
K. Arapostathis, V. Kaitsas, G. Olivi, C. Boutsiouki, K. Tolidis & S. Benedicenti, Greece and Italy
- 1140 - 1150** **OR08-2.02 Pain experience 6 months after treatment of extensive caries in primary molars using atraumatic or ultraconservative caries treatment**
S. M. Poots, V. Soviero, G. Americano, V. C. M. De Sousa & C. C. Bonifácio, Netherlands and Brazil
- 1150 - 1200** **OR08-2.03 Evaluation of physical properties of new generation pulp capping materials**
S. I. Birinci, S. Saatcioglu, B. S. Turan, S. Selvi-Kuvvetli, N. Sandalli, Turkey
- 1200 - 1210** **OR08-2.04 A retrospective clinical study of resin modified glassionomer restorations in the primary posterior dentition**
J. A. Dean, H. Peterson, A. Al Hosainy & B. J. Sanders, United States
- 1210 - 1220** **OR08-2.05 Effect of photon-initiated photoacoustic streaming, ultrasonic and sonic irrigation techniques on dentinal tubule penetration of irrigation solution: a confocal microscopic study**
N. Durmus, M. Akcay, H. Arslan, M. Mese, I. D. Capar, Turkey
- 1220 - 1230** **OR08-2.06 Indirect pulp treatment in primary teeth using propolis and calcium hydroxide - an in-vivo comparative study**
C. U. Deepika, N. Govindaraj, P. Subramaniam & S. Pillai, India
- 1230 - 1240** **OR08-2.07 Early restorative crown therapy in children, adolescents and young adults with Amelogenesis imperfecta: a prospective double-blind randomized controlled trial**
G. Pousette Lundgren, G. I. Morling Vestlund, M. Trulsson & G. Dahlöf, Sweden
- 1240 - 1250** **OR08-2.08 Office based propofol anesthesia for pediatric dental treatment: evaluation of postoperative pain**
J. B. Krikken, C. J. De Jong & J. S. J. Veerkamp, Netherlands

Alsh 2

- 1130 - 1300** **Parallel Session: Oral Presentations**
Epidemiology/dental public health oral II
Chairs: Richard Balmer, UK and Agnes Bloch-Zupan, France
- 1130 - 1140** **OR04-2.01 Dental erosion prevalence and associated risk factors among 15-year old Chilean adolescents**
F. Marro, C. Cantero, W. Jacquet, & L. Martens, Belgium and Chile
- 1140 - 1150** **OR04-2.02 Characteristics and risk factors of severe early childhood caries in Catalan infants from high-income families**
C. Palma, C. Marès, J. Rabassa & K. Rivas, Spain
- 1150 - 1200** **OR04-2.03 The access to dental care for french children, study through the preventive free assessment program**
A.C. Bas, P. Dourgnon & S. Azogui-Levy, France
- 1200 - 1210** **OR04-2.04 Association between overweight/obesity and periodontitis in children and adolescents - a systematic review**
S. De Smedt, S. Rajasekharan & L. Martens, Belgium
- 1210 - 1220** **OR04-2.05 Dental caries and body mass index of preschool children in Greece**
V. Pikramenou, D. Dimitraki & N. Kotsanos, Greece
- 1220 - 1230** **OR04-2.06 The possible etiology of oral manifestations of celiac disease**
S. Acar & S. Aydogdu, Turkey
- 1230 - 1240** **OR04-2.07 Oral health of Greek children and adolescents with diabetes mellitus type 1: a preliminary report**
A. Babatzia, S. Papanakou, S. Gizani, W. Papaioannou, C. Kanaka-Gantenbein & L. Papagiannoulis, Greece
- 1240 - 1250** **OR04-2.08 Are sick kids at SickKids getting sicker? Ten year changes in perioperative resource utilization for children treated for dental ailments at an urban children's hospital**
M. Pandey, H. Dharamshi, T. A. J. Parsons, E. J. Barrett & M. J. Casas, Canada
- 1250 - 1300** **OR04-2.09 Social determinants and oral health-related behaviors among Thai adolescents over decade**
A. Tienkon, W. Sriarj & T. Somkotra, Thailand

Boisdale 1

1130 - 1250	NuSmile Restorative Dentistry Research Award	Forth
1130 - 1150	PZ04.04 Decellularisation of dental pulp for use as a scaffold in regenerative endodontics M. Matoug-Elwerfelli, H. Nazzal, J. Graham, M. Duggal & E. M. Raif, UK	
1150 - 1210	PZ04.05 Bonding performance of a self-adhering flowable composite-resin to different deciduous surfaces F. K. Abdel Gawad, M. A. Rashed, R. M. Abdelraouf & M. A. Mohammed, Egypt	
1210 - 1230	PZ04.06 Detection of noncavitated occlusal caries with a novel impedance spectroscopy S. Adiguzel, B. Kargul, S. Peker & F. Yanikoglu, Turkey	
1230 - 1250	PZ04.07 Shear bond strength of two novel dentin replacement materials and glass ionomer cement bonded to two resin composites W. R. Choudhury & N. Sridhar, India	
1130 - 1230	Parallel Session: Oral Presentations BSPD Clinical Governance Prize Chair: Robin Mills, UK	Boisdale 2
1130 - 1140	OZ03.01 A service evaluation of dental treatment carried out on medical general anaesthetic lists at Great Ormond Street Hospital for Children M. Patel & U. Devalia, UK	
1140 - 1150	OZ03.02 Audit to assess the justification and accuracy of prescriptions in a children's dental casualty clinic O. Sumner, H. Llandro & V. Hind, UK	
1150 - 1200	OZ03.03 Quality of care for children admitted for an emergency dental GA: a re-audit A. C. Hyde, M. M. Ivanova, A. McKechnie & H. D. Rodd, UK	
1200 - 1210	OZ03.04 Enhancing children's oral health literacy with the use of visual aid illustrations: a quality improvement project H. Ameer & D. Baldwin, UK	
1210 - 1220	OZ03.05 An audit of record keeping for paediatric dental patient's residing at a protected address Y. S. Chau & M. Moffat, UK	
1220 - 1230	OZ03.06 Hall technique for treating carious primary molars in a general practice setting G. D. Taylor, K. Perry & R. R. Welbury, UK	

1130 - 1250	Poster Session Oral Surgery/oral medicine/oral pathology Periodontology/microbiology Education/service evaluation/audit	Hall 2
1245 - 1400	Lunch and exhibition	
1310 - 1350	Lunch and Learn session Video games and the dental GA - Professor Tim Newton, and Professor Marie Therese Hosey, UK	Lomond
1300 - 1400	Lunch and Learn session MAM Baby sponsored lunch and learn - Examining the effect of a special thin-neck pacifier on the primary dentition, Yvonne Wagner, Germany	Boisdale 2
1400 - 1535	Keynote Session: Care for socially deprived children and children with dentoalveolar injury Chair: Professor Svante Twetman, Denmark and Elizabeth O'Sullivan, UK	Clyde
1405 - 1445	Art of Perinatal and Infant Oral Health - Professor Francisco Ramos-Gomez, USA	
1445 - 1525	Dentoalveolar trauma - Professor Marie Therese Flores, Chile	
1525 - 1535	The Alliance for a Cavity-Free Future , Professor Svante Twetman, Denmark	
1530 - 1600	Break	
1600 - 1730	Parallel Session: Caries diagnosis and management Chairs: Anne Maguire, UK and Yasmi Crystal, USA	Lomond
1605 - 1630	Delivering oral health services in school-based health clinics using the CAMBRA method - Professor Linda Franck, USA	
1630 - 1655	The cutting edge of caries detection and diagnosis: practitioner and patient perspectives - Professor Chris Deery, UK	
1655 - 1720	Caries prevention and management by bio-active restorative materials - Professor Satoshi Imazato, Japan	
1720 - 1730	Discussion	

1600 - 1730 **Parallel Session: III children: challenges for the paediatric dentist** Forth
Chairs: Dimitris Emmanouil, Greece and James Lucas, Australia

1605 - 1630 **Children, adolescents and periodontal diseases**
- Dr George Tsilingaridis, Sweden

1630 - 1655 **Caring for children with cancer**
- Professor Goran Dahllof, Sweden

1655 - 1720 **Childhood stress and oral health**
- Professor Lisa Papagiannoulis, Greece

1720 - 1730 **Discussion** Supported by iADH



1600 - 1710 **Parallel Session: Oral Presentations** Alsh 2
Dental anxiety and behavioural management oral II
Chair: Wendy Bells, UK

1600 - 1610 **OR03-2.01 Effect of parental presence on behaviour of paediatric dental patients**
K. Salem, H. Daneshvar, M. Kousha, D. S. Raissi & D. A. Raissi, Iran

1610 - 1620 **OR03-2.02 Dental fear among immigrant children**
A. Dahlander, L. Jansson & M. Grindefford, Sweden

1620 - 1630 **OR03-2.03 The Hall Technique: promoting a positive attitude to dental treatment in young children and their carers**
H. Calache, R. E. Martin, M. J. Hall, D. J. Manton, J. W. Brownbill & K. Sivasithamparam, Australia

1630 - 1640 **OR03-2.04 A comparison of intranasal and oral dexmedetomidine for procedural sedation in paediatric dental patients**
N. Singh, S. Singh & V. Patel, India

1640 - 1650 **OR03-2.06 Oral sedation in children with intellectual disability**
G. Scagnet, V. Haudemand, J. Valente, S. Alba, S. Bruno & V. P. Rodriguez, Argentina

1650 - 1700 **OR03-2.07 The impact of a dental exam appointment on salivary cortisol in children referred to dental sedation**
H. Gomes, A. Daher, G. Machado, P. Costa, A. Batista & L. Costa, Brazil

1600 - 1650 **Parallel Session: Oral Presentations** Boisdale 1
Diagnosis/imaging
Chairs: Robin Mills, UK and Sally Hibbert, Australia

1600 - 1610 **OR13.01 Performance based evaluation of ICDAS II, RVG and ACIS device for detection and assessment of occlusal caries in primary molars**
M. Rathore, R. Singh, S. Tandon & N. Tewari, India

1610 - 1620 **OR13.02 A reject analysis and observer agreement between oral radiologists and senior year master students in paediatric dentistry of CBCTs in under-aged patients**
J. W. G Van Acker, L. C. Martens & J. K. M. Aps, Belgium and USA

1620 - 1630 **OR13.03 The intra-oral camera in infants and toddlers**
M. E. Elfrink, J. S. Veerkamp, J. B. Krikken, J. Heijdra, K. L. Weerheijm & P. H. Hogeman, Netherlands

1630 - 1640 **OR13.04 MicroRaman spectroscopy analysis of carious dentine**
A. Almahdy, F. Festy, T. F. Watson & A. Banerjee, Saudi Arabia and UK

1640 - 1650 **OR13.06 Low level light therapy (LLLT) in paediatric patients experiencing chemotherapy induced oro-pharyngeal mucositis**
F. McDowall, J. Kirby, J. Love, N. O'Murchu & R. R. Welbury, UK

1600 - 1700 **Poster Session:** Hall 2
Basic Science Research
Diagnosis/Imaging
Restorative II

1730 **Closing Ceremony** Clyde

Posters

Thursday 2nd July, 1130 Hours

Morita Prize Entries

1130 PZ03.02 Ectodermal dysplasia with anodontia in childhood: a case report with 3-year follow-up

A.L. Costa¹, J. C. Ramos¹, P. Nicolau¹, M. Rocha¹, J. L. Pereira¹ & M. Da Fonseca²

¹Dentistry Department, Faculty of Medicine, University of Coimbra, Coimbra, Portugal, ²University of Illinois at Chicago College of Dentistry, Illinois, IL, United States

1135 PZ03.03 Antibacterial and mechanical properties of a novel dental composite

A. Lefkelidou¹, X. Chatzistavrou², N. Kotsanos¹ & P. Papagerakis²

¹Pediatric Dentistry, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²Orthodontics and Pediatric Dentistry, University of Michigan, Ann Arbor, MI, United States

1140 PZ03.04 Dental care course and oral quality of life in patients with rare diseases

A. Wolff¹, A. S. Kaiser², M. Michaelis³, M. Switlana^{4,5}, U. Moog⁶ & A. Bloch-Zupan^{4,7,8}

¹Conservative Dentistry, University of Heidelberg, Heidelberg, Germany, ²Institute of Human Genetics, Heidelberg, Germany, ³Research Centre for Occupational and Social Medicine, Freiburg, Germany, ⁴Faculty of Dentistry, University of Strasbourg, Strasbourg, France, ⁵Reference Centre for Orodental Manifestations of Rare Diseases, Pôle de Médecine et Chirurgie Bucco-Dentaires, Hôpitaux Universitaires de Strasbourg (HUS), University of Strasbourg, Strasbourg, France, ⁶Institute of Human Genetics, University of Heidelberg, Heidelberg, Germany, ⁷Reference Centre for Orodental Manifestations of Rare Diseases, Pôle de Médecine et Chirurgie

Bucco-Dentaires, Hôpitaux Universitaires de Strasbourg (HUS), Strasbourg, France, ⁸Institute of Genetics and Molecular and Cellular Biology (IGBMC), Centre National de la Recherche Scientifique (UMR 7104), Institut National de la Santé et de la Recherche Médicale (U 964), University of Strasbourg, Illkirch, France

1145 PZ03.05 Association between maternal psychosocial factor and early childhood caries (ECC) among preschool children of Bangalore city

A. Shakir¹, M. Mohan² & K. Pushpanjali³

¹Department of Pedodontics and Preventive Dentistry, Faculty of Dental Sciences, M S Ramaiah University of Applied Sciences, Bangalore, India, ²Achutha Menon Centre for Health Science Studies, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, India, ³Department of Public Health Dentistry, Faculty of Dental Sciences, M S Ramaiah University of Applied Sciences, Bangalore, India

1150 PZ03.06 Induced artificial bone marrow cells from dental pulp cells of primary tooth using a natural compound

A. Yamada, T. Nakamura, M. Arakaki, Y. Sugawara, K. Saito & S. Fukumoto
Division of Pediatric Dentistry Department of Oral Health and Development Sciences, Tohoku University Graduate School of Dentistry, Sendai, Japan

1155 PZ03.07 Prevalence of molar-incisor hypomineralization (MIH) in groups of children in national schools in Selangor, Malaysia

B. Soovulamah¹, T. Vijayakumar¹, M. Mahadi², D. J. Manton³ & A. Ghanim³
¹Department of Paediatric Dentistry, Kajang Hospital, Kajang, Malaysia, ²Hulu Langat Dental Division, Kajang, Malaysia, ³University of Melbourne, Melbourne Dental School, VIC, Australia

1200 PZ03.08 Cytotoxicity of accelerated mineral trioxide aggregate on stem cells from human dental pulp

B. Kargul¹, P. Kulan², O. Karabiyik³ & G. Torun Kose⁴

¹Pediatric Dentistry, Marmara University, Istanbul, Turkey, ²Marmara University, Istanbul, Turkey, ³Department of Genetics and Bioengineering, Faculty of Engineering, Yeditepe University, Istanbul, Turkey, ⁴Faculty of Engineering, Yeditepe University, Istanbul, Turkey

1205 PZ03.09 DNAs (did not attend) in the dental paediatric clinic: how are they managed and can we improve?

B. Buahin, K. Lee, S. Walley & S. Albadri
Paediatric Dentistry, Liverpool University Dental Hospital, Liverpool, United Kingdom

1210 PZ03.10 Cost-Effectiveness of fluoride varnish in the prevention of early childhood caries in non-fluoridated areas

C. Zaror¹, G. Espinoza², P. Muñoz¹, C. Vergara³, S. Muñoz²

¹Paediatric Dentistry and Orthodontic Department, Faculty of Dentistry, Universidad de La Frontera, Temuco, Chile, ²Public Health Department, Faculty of Medicine, Universidad de La Frontera, Temuco, Chile, ³Health Service Araucanía Sur, Temuco, Chile

1215 PZ03.11 Prevalence of Talon cusp and its genetic link between ethnic groups and the autosomal dominant trait in recent mixing

C. V. A. Witt, P. Kerschot & M. Lüthi
Paediatric Dentistry, School Dental Clinic, Schaffhausen, Switzerland

1220 PZ03.12 Evaluation of secondary caries in a microbial caries model after the addition of chlorhexidine in the adhesive procedure

C. Boutsouki^{1,2}, S. Luecker², S. Amend², K. Tolidis¹, P. Gerasimou¹ & N. Kraemer²
¹Operative Dentistry, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²Paediatric Dentistry, University of Giessen, Giessen, Germany

1225 PZ03.13 ORAI1/2 and STIM1 protein expression patterns and potential functions during tooth development

D. Dimitrakaki¹, A. Lefkelidou¹, N. Kotsanos¹ & P. Papagerakis²
¹Pediatric Dentistry, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²Orthodontics and Pediatric Dentistry, University of Michigan, Ann Arbor, MI, United States

1230 PZ03.14 Efficacy of probiotics in plaque reduction and gingival health maintenance among children under orthodontic treatment: a pilot study

D. Kolip¹, N. Yilmaz¹, P. Kulan², B. Gökkaya² & B. Kargul²

¹Department of Orthodontics, Marmara University, Istanbul, Turkey, ²Pediatric Dentistry, Marmara University, Istanbul, Turkey

1235 PZ03.15 Sweet, salty, bitter and sour taste perceptions of school children and relationship with caries-risk factors

E. Egil & A. Mentis
Pediatric Dentistry, Marmara University, Istanbul, Turkey

1240 PZ03.16 Factors predicting the success of pre-formed metal crowns: a retrospective study

E. Gupta¹, J. Cowlam² & H. D. Rodd¹
¹Oral Health and Development, University of Sheffield, Sheffield, United Kingdom, ²Paediatric Dentistry, University of Sheffield, Sheffield, United Kingdom

1245 PZ03.17 An unusual and severe sequela following trauma to the primary incisors

E. Hadjiantonis & M. Duggal
Paediatric Department, University of Leeds / Leeds Dental School, Leeds, United Kingdom

1250 PZ03.18 Different phenotypes of Amelogenesis imperfecta presenting in two siblings

E. H. Alnuaimi, M. Kowash, M. Alhalabi & I. Hussein
Paediatric Dentistry, Hamdan Bin Mohammed College of Dental Medicine (Previously Dubai College of Dental Medicine), Dubai, United Arab Emirates

1130 PZ03.19 Prevalence of enamel defects and dental caries in patients with diamond blackfan anaemia

F. Baharin¹, M. Kabban², J. De La Fuente³ & M. Ahluwalia²
¹Paediatric Dentistry, King's College London, London, United Kingdom, ²Paediatric Dentistry, King's College London Dental Institute, London, United Kingdom, ³Paediatric Haematology, St Mary's Hospital, London, United Kingdom

1135 PZ03.20 A report of inverted primary maxillary central incisors

G. H. M. Lee
Paediatric Dentistry, Faculty of Dentistry, University of Hong Kong, Hong Kong, Hong Kong

1140 PZ03.21 Regional odontodysplasia. A report of two cases

G. Kotantoula, M. S. Duggal & S. A. Fayle
Paediatric Dentistry, Leeds Dental School of Dentistry, Leeds, United Kingdom

1145 PZ03.22 Prevalence of early childhood caries in 0-3year old children from rural areas of South India, using ICDAS II

J. A. Henry, M. S. Muthu, A. Saikia & M. Bala
Pedodontics and Preventive Dentistry, Sri Ramachandra University, Chennai, India

1150 PZ03.23 Perceptions of school teacher's towards oral health and school dental health programmes- a qualitative study

J. A. Thomas¹, L. Anandakrishna² & K. M. Shwetha³
¹Department of Pedodontics & Preventive Dentistry, Faculty of Dental Sciences, Bangalore, India, ²Department of Pedodontics & Preventive Dentistry, Faculty of Dental Sciences, M S Ramaiah University of Applied Sciences, Bangalore, India, ³Department of Public Health Dentistry, Faculty of Dental Sciences, M S Ramaiah University of Applied Sciences, Bangalore, India

1155 PZ03.24 Autophagy in odontogenesis and pulp regeneration/revascularisation

J. Yang^{1,2}, G. Song², Y. Zhang¹ & Z. Chen¹
¹State Key Laboratory Breeding Base of Basic Science of Stomatology (Hubei-MOST) & Key Laboratory of Oral Biomedicine Ministry of Education, School & Hospital of Stomatology, Wuhan University, Wuhan, China, ²Pediatric Dentistry Department, School & Hospital of Stomatology, Wuhan University, Wuhan, China

1200 PZ03.25 Pulp treatment in a male with duplication of the Xq28: a case report

I. Cardoso Martins, J. Marinho, A. Coelho, M. Costa, F. M. Roque & P. Marques
Paediatric Dentistry, Faculty of Dental Medicine, University of Lisbon, Lisbon, Portugal

1205 PZ03.26 Evaluation of T-RFLP as a tool for comprehensive analysis of oral microflora

K. Saito¹, T. Makinae¹, M. Sakurai¹, R. Oikawa¹, S. Kimura² & M. Tanaka¹
¹Paediatric Dentistry, Iwate Medical University, Morioka, Japan, ²Molecular Microbiology, Iwate Medical University, Morioka, Japan

1210 PZ03.27 Prevalence of molar incisor hypomineralisation among school children in Kerala, India

R. K. Krishna
Department Of Pedodontics & Preventive Dentistry, Kerala Health University, Kochi, India

1215 PZ03.28 Association between problematic eating behavior and early childhood caries: a cross sectional survey

L. Anandakrishna¹, A. M. Hegde² & R. Reddy¹
¹Pedodontics and Preventive Dentistry, Faculty of Dental Sciences, M S Ramaiah University of Applied Sciences, Bangalore, India, ²Pedodontics and Preventive Dentistry, A B Shetty Memorial Institute of Dental Sciences, Nitte University, Mangalore, India

1220 PZ03.29 Correlation of gagging with dental fear in children and adolescents

M. Katsouda¹, E. Provatenou², K. Apostathis³, T. Coolidge³ & N. Kotsanos²
¹Department of Paediatric Dentistry, Dental School, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²Department of Paediatric Dentistry, Dental School, Aristotle University of Thessaloniki, Thessaloniki, Greece, ³Oral Health Sciences, University of Washington, Seattle, WA, United States

1225 PZ03.30 Etching methods on enamel of questionable occlusal surfaces before sealant application

M. Michalaki¹, C. Oulis¹, N. Pandis² & G. Eliades³
¹Pediatric Dentistry, University of Athens, Athens, Greece, ²Orthodontics and Dentofacial Orthopedics, University of Bern, Switzerland, Corfu, Greece, ³Biomaterials, University of Athens, Athens, Greece

1230 PZ03.31 A study comparing the cutting efficacy of dentine using a fluoride-containing bioactive glass versus alumina in an air abrasion set up

M. H. X. Tan¹, R. G. Hill² & P. Anderson²
¹Oral Growth and Development, Queen Mary, University of London, Barts and the London, School of Medicine and Dentistry, London, United Kingdom, ²Dental Physical Sciences Unit, Queen Mary, University of London, London, United Kingdom

1235 PZ03.33 Oral rehabilitation of two cases with ectodermal dysplasia and their long-term follow-up

O. P. Salamara¹, R. Pitrou¹, O. Panagopoulou¹, A. Laud¹, N. Polychronakis² & D. Emmanouil¹
¹Pediatric Dentistry, National and Kapodistrian University of Athens, Athens, Greece, ²Prosthodontics, National and Kapodistrian University of Athens, Athens, Greece

1240 PZ03.34 Indirect pulp treatment with incomplete removal of carious dentine in primary teeth: a case report after 24 months

P. Muñoz¹, Y. Moyano² & S. S. Rojas²
¹Pediatric Dentistry, University of Chile, Santiago, Chile, ²University of Chile, Santiago, Chile

1245 PZ03.35 Oral health behaviours and barriers to dental care among preschool children with autism spectrum disorders

R. Y. Du¹, C. Yui², N. King³ & C. McGrath⁴
¹Faculty of Dentistry, University of Hong Kong, Hong Kong, Hong Kong, ²Paediatric Dentistry and Orthodontics, Faculty of Dentistry, University of Hong Kong, Hong Kong, Hong Kong, ³School of Dentistry, Faculty of Medicine, The University of Western Australia, Perth, WA, Australia, ⁴Periodontology and Public Health, University of Hong Kong, Hong Kong, Hong Kong

1250 PZ03.36 Selective reduction of talon cusps; a biological treatment approach

R. Leith & A. C. O'Connell
Dublin Dental University Hospital, Dublin, Ireland

1130 PZ03.37 The relationship between radiographic depth and clinical cavitation of proximal lesions in primary teeth

S. Subka, H. D. Rodd & C. Deery
Academic Unit of Oral Health and Development, University of Sheffield, Sheffield, United Kingdom

1135 PZ03.38 Selective stripping in 1st permanent molars affected by MIH prior its extraction

S. Dychter, A. M. Silva & R. M. Valencia
Pediatric Dentistry, Universidad Tecnológica de México, Mexico City, Mexico

1140 PZ03.39 Evaluation and comparison of salivary ions and oral manifestations in children with autism spectrum disorders to children without autism spectrum disorders (ASD)

S. I. Kumar¹, V. Krishnapriya², G. Shilpa³, S. Kumar⁴ & P. Sehrawat⁵
¹Department of Pedodontics and Preventive Dentistry, Army College of Dental Sciences, Secunderabad, India, ²Pedodontics, Army College of Dental Sciences, Secunderabad, India, ³Army College of Dental Sciences, Secunderabad, India, ⁴NTRUHS Vijayawada AP India, Secunderabad, India, ⁵PDM College of Dental Sciences Bahadurgarh, Secunderabad, India

1145 PZ03.40 A calibration technique to improve the accuracy of working length determination in immature permanent incisors

S. Simpson¹, S. Conroy¹, B. Philpott², J. Kirby³ & E. M. Roebuck¹
¹Paediatric Department, Edinburgh Dental Institute, Edinburgh, United Kingdom, ²Restorative Department, Edinburgh Dental Institute, Edinburgh, United Kingdom, ³Paediatric Dental Department, Sheffield Teaching Hospital, Sheffield, United Kingdom

1150 PZ03.41 Timing for surgical removal of mesiodens

C. Y. Hsieh, T. P. Tsai & W. Y. Shih
Division of Pedodontics, Department of Stomatology, Taipei Veterans General Hospital, Taipei, Taiwan, Republic of China

1155 PZ03.42 Regression of data and invention of moyers roulette analysis

S. M. Bravo Jaimes¹, L. Torres Arévalo², G. A. Calampa Sopla³, Y. A. Castro Rodríguez² & H. A. Marengo Castillo²
¹Lima, Universidad Nacional Mayor de San Marcos, Lima, Peru, ²Universidad Nacional Mayor de San Marcos, Lima, Peru, ³Universidad Nacional Mayor de San Marcos, Lima, Peru

1200 PZ03.43 Remineralizing potential of theobromine on artificial enamel carious lesions

S. Nekkanti
Pedodontics & Preventive Dentistry, College of Dental Sciences, Manipal University, Manipal, India

1210 PZ03.45 Caries preventive effect of a chlorhexidine/thymol varnish and a fluoride one in erupting permanent molars: a comparative study

S. Flamee¹, S. Gizani¹, C. Caroni², L. Papagiannoulis¹ & S. Twetman³
¹Pediatric Dentistry, University of Athens, Athens, Greece, ²Mathematics, University of Athens, Athens, Greece, ³Odontology, University of Copenhagen, Copenhagen, Denmark

1215 PZ03.46 Emergence time and sequence of permanent teeth in children of Kavre district, Nepal

S. Upadhyay¹, R. Shrestha², D. Shrestha², S. Poudyal³ & D. D. Baral⁴
¹Pedodontics and Preventive Dentistry, Dhulikhel Hospital, Kathmandu University Hospital, Dhulikhel, Nepal, ²Conservative Dentistry and Endodontics, Dhulikhel Hospital, Kathmandu University Hospital, Dhulikhel, Nepal, ³Department of Community and Public Health Dentistry, Kist Medical College and Hospital, Gwarko, Nepal, ⁴School of Public Health and Community Medicine, B. P. Koirala Institute of Health Sciences, Dharan, Nepal

1220 PZ03.47 Establishment of SspB peptide binding assay for Porphyromonas gingivalis colonization processes

T. Ito, T. Ichinosawa, N. Ikematsu-Ito & T. Shimizu
Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan

1225 PZ03.48 Knowledge of preschool teachers on early childhood oral health. Association with their demographic and personal characteristics

V. Lontou, A. Agouropoulos, S. Gizani & L. Papagiannoulis
Department of Paediatric Dentistry, School of Health Sciences, Faculty of Dentistry, University of Athens, Athens, Greece

1230 PZ03.49 The use of DIAGNOcam in children: recommendations and limitations

I. Wan Mokhtar^{1,2}, L. Martens¹ & J. Vandenbulcke¹
¹Department of Paediatric Dentistry, PAECOMEDIS Research Cluster, Ghent University, Ghent, Belgium, ²Faculty of Dentistry, Mara University of Technology, Shah Alam, Malaysia

Morita Prize Entry - case report

1130 PZ03.50 Premature primary incisor exfoliation in a child with Kabuki syndrome

Y. K. Loo & J. Mitchell
Paediatric Dentistry, King's Dental Institute, London, United Kingdom

1135 PZ03.51 Luxation as a treatment option for ankylosed primary molar: a case report

H. Yu-Sheng & H. Chien-Chiao
Department of Pediatric Dentistry, Changhua Christian Hospital, Changhua, Taiwan, Republic of China

1140 PZ03.52 Primary failure of tooth eruption: a case report

Y. M. Zhao & L. H. Ge
Pediatric Dentistry, Peking University School and Hospital of Stomatology, Beijing, China

1145 PZ03.53 Prosthetic rehabilitation in a medically compromised pediatric patient: a case report

I. Cardoso Martins, J. Marinho, A. Coelho, S. Magalhães, A. Alves & P. Marques
Paediatric Dentistry, Faculty of Dental Medicine, University of Lisbon, Lisbon, Portugal

1150 PZ03.54 Novel approach for esthetic rehabilitation of primary anterior teeth using temporization material: a case series

N. Gugnani¹, I. Pandit¹, M. Gupta¹, S. Gugnani², J. Sharma¹ & J. Nagpal¹
¹Department of Pediatric and Preventive Dentistry, DAV (C) Dental College, Yamunanagar, India, ²DAV (C) Dental College, Yamunanagar, India

1155 PZ03.55 Biliary ducts atresia: oral manifestations. A case report

S. S. Rojas, C. Andreucic, S. A. Echeverria & A. Vera
University of Chile, Santiago, Chile

1200 PZ03.56 Maxillary cyst associated with tooth-eruption disturbance in a child: a case report with 4-year follow-up
S. Rosa, J. C. Ramos, J. P. Marcelino, M. T. Xavier, A. D. Soares & A. L. Costa
Dentistry Department, Faculty of Medicine, University of Coimbra, Coimbra, Portugal

1205 PZ03.57 Differential diagnosis of Amelogenesis imperfecta in primary dentition - a case report
S. T. Cheng¹, Y. H. Chen² & C. C. Hung¹
¹Department of Pediatric Dentistry, Changhua Christian Hospital, Changhua, Taiwan, Republic of China, ²Changhua Christian Hospital, Changhua, Taiwan, Republic of China

1210 PZ03.58 Erupting compound odontome presenting in a newborn: a case report
S. C. Conroy¹, G. Wright¹, N. Malden², B. Conn³ & J. Foley¹
¹Paediatric Department, Edinburgh Dental Institute, Edinburgh, United Kingdom, ²Oral Surgery Department, Edinburgh Dental Institute, Edinburgh, United Kingdom, ³Royal Infirmary of Edinburgh, Edinburgh, United Kingdom

Preventive dentistry

1130 PR01.01 Infant oral health: the voice of the future
L. R. F. Mugayar
Pediatric Dentistry, University of Florida, Gainesville, FL, United States

1135 PR01.02 Is a caries risk assessment (CRA) protocol necessary to provide an effective caries preventive regime?
C. Afuwah¹, F. Stoops¹ & R. R. Welbury²
¹Crosshill Dental Practice, Port Glasgow, United Kingdom, ²Paediatric Department, Glasgow Dental Hospital and School, Glasgow, United Kingdom

1140 PR01.03 Investigation and analysis of malocclusion in primary dentition of Shanghai
J. Feng^{1,2} & J. Mi²
¹Shanghai Stomatological Disease Center, Shanghai, China, ²Shanghai Tongji Hospital, Shanghai, China

1145 PR01.04 Comparison of Mineral density in molar incisor hypomineralisation applying fluoride varnishes and casein phosphopeptide-amorphous calcium phosphate (CPP-ACP)
A. M. Biondi, D. E. Fridman & S. G. Cortese
Pediatric Dentistry, University of Buenos Aires, Buenos Aires, Argentina

1150 PR01.05 The prevalence and risk factors of tooth wear in Chinese adolescents
H. Jiang, M. Q. Du & B. J. Tai
Department of Preventive Dentistry, School of Stomatology, Wuhan University, Wuhan, China

1155 PR01.06 Effectiveness of 0.5% epigallocatechin gallate in comparison to 0.12% chlorhexidine mouthwash in reduction of plaque and gingivitis in children
K. Perisic¹, M. Lalic¹, N. Borotic², M. Gajic¹ & E. Aleksic³
¹Department of Preventive and Paediatric Dentistry, Faculty of Dentistry Pancevo, University Business Academy Novi Sad, Pancevo, Serbia, ²Department of Prosthodontics, Faculty of Dentistry Pancevo, University Business Academy Novi Sad, Pancevo, Serbia, ³Department of Orthodontics, Faculty of Dentistry Pancevo, University Business Academy Novi Sad, Pancevo, Serbia

1200 PR01.07 'In vitro' dissolution of tooth enamel due to frequently consumed beverages: preliminary study
A. B. Argentieri, L. E. Passarini, M. Castro, P. Salgado & A. L. Sorazabal
Department of Preventive and Community Dentistry, School of Dentistry, University of Buenos Aires, Buenos Aires, Argentina

1205 PR01.08 Monitoring levels of preventive care: 7 year results
F. E. Hogg¹, S. Hudda², J. Hashim² & C. Campbell¹
¹Paediatric Dental, Glasgow Dental Hospital and School, Glasgow, United Kingdom, ²Undergraduate, Glasgow Dental Hospital and School, Glasgow, United Kingdom

1210 PR01.09 Er:YAG laser-A magical wand for cavity free childhood
S. Singh & M. Srivastava
Pedodontics & Preventive Dentistry, Babu Banarasi Das College of Dental Sciences, Lucknow, India

1215 PR01.10 Oral health preventive program for visually impaired children: Indian experience
K. Gauba¹, D. Sardana^{1,2}, A. Goyal¹ & A. Kapur¹
¹Oral Health Sciences Centre, Postgraduate Institute of Medical Education & Research, Chandigarh, India, ²Centre for Dental Education, All India Institute of Medical Sciences, New Delhi, India

1220 PR01.11 Impact of Nigerian parents / caregivers oral health knowledge, attitude and practices on the oral health of their children
C. A. Adekoya-Sofowora¹ & F. O. Faniran²
¹Child Dental Health, Obafemi Awolowo University, Ile-Ife, Nigeria, ²Preventive Dentistry, Obafemi Awolowo University, Ile-Ife, Nigeria

1225 PR01.12 Factors associated with prevalence of the recurrent dental caries after 12 months treatment under general anesthesia
Y. T. Lin¹, C. Y. S. Hsu² & Y. T. J. Lin¹
¹Pediatric Dentistry, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, Republic of China, ²Department of Preventive Dentistry, Faculty of Dentistry - National, Singapore, Singapore

1230 PR01.13 What are the chances for the development of caries without prevention programs?
D. Bakarcic¹, J. N. Ivancic¹ & R. Grzic²
¹Dept. of Paediatric Dentistry, University of Rijeka, Rijeka, Croatia, ²Dept. of Prosthetic Dentistry, University of Rijeka, Rijeka, Croatia

1235 PR01.14 Assessment of an oral health education programme (OHEP) for pregnant women attending at St. Thomas' Hospital
A. Alrajhi¹, P. Correia¹, C. Williams², D. Symington³ & M. T. Hosey¹
¹Paediatric Dentistry, King's College London Dental Institute, London, United Kingdom, ²Children's Dentistry, St Thomas' Hospital, London, United Kingdom, ³Antenatal Education Unit, St Thomas' Hospital, London, United Kingdom

1240 PR01.15 Early childhood caries prevention: a survey on knowledge, attitude and practices among pediatricians, general and pediatric dentists in Taiwan
S. Dima & N. C. Teng
Department of Pediatric Dentistry, School of Dentistry, Taipei Medical University, Taipei, Taiwan, Republic of China

1245 PR01.16 The effect of matrix metalloproteinases (MMPs) inhibitor on caries progression in rats
D. Yang¹, J. Xun², C. Miao², J. Li² & L. Ge²
¹Department of Pediatric Dentistry, Capital Medical University School of Stomatology, Beijing, China, ²Capital Medical University School of Stomatology, Beijing, China

1250 PR01.17 Comparison of the newer preventive therapies on remineralisation of enamel in vitro
M. Bataineh, M. Malinowski, J. Tahmassebi & M. Duggal
Paediatric Dentistry, University of Leeds / Leeds Dental School, Leeds, United Kingdom

- 1255 PR01.18 Children's access to oral health care in Nigeria: the role of paediatricians**
O. O. Orenuga^{1,2}, O. O. Sofola^{3,4}, E. N. Ekure^{5,6} & C. I. Esezobo^{5,6}
¹Child Dental Health, University of Lagos, Lagos, Nigeria, ²Child Dental Health, Lagos University Teaching Hospital, Lagos, Nigeria, ³Preventive Dentistry, University of Lagos, Lagos, Nigeria, ⁴Preventive Dentistry, Lagos University Teaching Hospital, Lagos, Nigeria, ⁵Paediatrics, University of Lagos, Lagos, Nigeria, ⁶Paediatrics, Lagos University Teaching Hospital, Lagos, Nigeria
- 1130 PR01.19 Bonding ability of novel pit and fissure sealant system containing S-PRG filler**
K. Shinno¹, T. Nakatsuka¹, A. Nagafuji¹, S. Tateishi¹, A. Yamada² & S. Fukumoto²
¹SHOFU INC.R&D, Kyoto, Japan, ²Division of Pediatric Dentistry, Department of Oral Health and Development Sciences, Tohoku University Graduate School of Dentistry, Sendai, Japan
- 1135 PR01.20 Motivational interview, a useful strategy in preventive dentistry when used with mapuche paediatric patients**
P. Junod
Universidad Mayor, Temuco, Chile
- 1140 PR01.21 Effect of short-term probiotic yogurt consumption on caries risk factors in infants**
E. Eden¹, A. Topaloglu-Ak¹, E. Ergin¹, F. Ozgenc² & G. Aksu²
¹Ege University School of Dentistry, Izmir, Turkey, ²Department of Pediatric Gastroenterology, Ege University, Izmir, Turkey
- 1145 PR01.22 Can a pacifier act as a reservoir for bacterial contamination of teeth in young children? A pilot study**
D. Sterckx¹, D. Declerck¹ & W. Teughels²
¹Unit of Pediatric Dentistry and Special Dental Care, Department of Oral Health Sciences and Department of Dentistry, KU Leuven, Leuven, Belgium, ²Periodontology, Department of Oral Health Sciences and Department of Dentistry, KU Leuven, Leuven, Belgium
- 1150 PR01.23 The effects of ozone therapy on clinical success of fissure sealant applications**
F. Küçük, M. Çetinkaya & F. Tulga Öz
Paediatric Dentistry, Ankara University, Ankara, Turkey
- 1155 PR01.24 The survey on deciduous dental caries for young children in Nanjing**
J. Wu¹ & W. Zhu²
¹Department of Oral Health Care, Affiliated Maternity and Child Health Hospital, Nanjing Medical University, Nanjing, China, ²Department of Pediatric & Preventive Dentistry, Nanjing Yuhua Dental Hospital, Nanjing, China
- 1200 PR01.25 The rate of retention of fissure sealants in the paediatric dentistry clinic**
H. M. Alhashmi & M. Alhalabi
Paediatric Dentistry, Dubai College of Dental Medicine, Dubai, United Arab Emirates
- 1205 PR01.26 Assessment of acidic beverages consumption habits in sports children**
U. Bhushan & M. Goswami
Pedodontics and Preventive Dentistry, Maulana Azad Institute of Dental Sciences, Delhi, India
- 1210 PR01.27 Mother's knowledge about early childhood caries in Chilean children from low socioeconomic status**
R. R. Sepúlveda¹, S. L. Echeverría¹, E. D. Henriquez¹, M. E. Rios² & C. D. Peña¹
¹Paediatric Dentistry, University of Chile, Santiago, Chile, ²Public Health, University of Chile, Santiago, Chile
- 1215 PR01.28 The effect of computer-based intervention programme on adolescents**
A. Toratti¹, M. L. Laitala¹, A. Kemppainen¹, P. Pesonen² & V. Anttonen^{1,3}
¹Department of Paedodontics, Institute of Dentistry, University of Oulu, Oulu, Finland, ²Medical Research Center Oulu, Oulu, Finland, ³Oulu University Hospital, Oulu, Finland
- 1220 PR01.29 The effectiveness of permanent molars' fissure sealing on the caries prevention in 8 year old children**
L. Likar Ostrc, L. Hočevar, T. Leban & A. Pavlič
Department of Paediatric and Preventive Dentistry, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia
- 1225 PR01.30 Influence of targeted tooth brushing on remineralisation of initial caries lesions in newly erupted second molars**
M. L. Laitala¹, E. Jaanti¹, H. Vähäniikkilä¹, T. Määttä¹ & V. Anttonen^{1,2}
¹Department of Paedodontics, Institute of Dentistry, University of Oulu, Oulu, Finland, ²Medical Research Center, University Hospital and University of Oulu, Oulu, Finland
- 1230 PR01.31 Re-mineralising effect of CPP-ACP (Recaldent) and β -tricalcium phosphate varnishes on dental enamel**
Y. Martínez¹, C. Martínez¹, P. Gatón², C. Serna¹, A. Vicente¹ & A. Ortiz¹
¹University of Murcia, Murcia, Spain, ²University of Barcelona, Barcelona, Spain
- 1235 PR01.32 Effect of fluoride varnishes on surface microhardness of enamel - an in-vitro study**
G. Babu Kadakagere Lakshmana, T. Sangeeta & P. Subramaniam
Department of Pedodontics and Preventive Dentistry, The Oxford Dental College and Hospital, Bangalore, India
- 1240 PR01.33 The prevalence of S-ECC and related factors in 3-year old children in middle of Taiwan**
H. H. Chiang¹, K. T. Sun², Y. H. Hsueh¹, C. J. Hung¹ & Y. C. Chang¹
¹China Medical University Hospital, Taichung, Taiwan, Republic of China, ²Pediatric Dentistry, China Medical University Hospital, Taichung, Taiwan, Republic of China
- 1245 PR01.34 The relationship between mothers' attitudes to diet and oral hygiene and caries risk in infants**
M. Bartosova^{1,2}, M. Svetlak³, M. Kukletova¹ & L. Izakovicova Holla^{1,4}
¹St. Anne's Faculty Hospital and Faculty of Medicine, Clinic of Stomatology, Masaryk University, Brno, Czech Republic, ²Research Centre for Toxic Compounds in the Environment (RECETOX), Chemistry Section, Masaryk University, Faculty of Science, Brno, Czech Republic, ³Department of Psychology and Psychosomatics, Faculty of Medicine, Masaryk University, Brno, Czech Republic, ⁴Department of Pathophysiology, Faculty of Medicine, Masaryk University, Brno, Czech Republic
- 1250 PR01.35 A new toothpaste in reducing gingival inflammation and preventing gingival bleeding: a double blind randomized controlled clinical trial**
D. Negovetic Vranic¹, M. Majstorovic¹, & T. Katanec²
¹Department of Paediatric Dentistry, School of Dental Medicine, University of Zagreb, Zagreb, Croatia, ²Community Dental Center, Zagreb, Croatia

- 1255 PR01.36 The effect of different fluoridated toothpastes and fresh orange juice on enamel surface microhardness in vitro**
S. Selvi-Kuvvetli¹, S. Kavaloglu Cildir², N. Sandalli¹, M. Bas² & A. Aykor³
¹Department of Pediatric Dentistry, Yeditepe University, Faculty of Dentistry, Istanbul, Turkey, ²Private Paediatric Dental Clinic, Istanbul, Turkey, ³Department of Operative Dentistry, Okan University, Faculty of Dentistry, Istanbul, Turkey
- 1130 PR01.37 Habit changes in infants younger than four years of age, showing systemic pathologies attending the oral health program at Luis Calvo Mackenna Hospital (HLCM)**
M. A. Lipari^{1,2,3}, G. De La Fuente¹, A. Vera², A. Muñoz¹ & G. Silvana¹
¹Facultad Odontología Universidad de Chile, Santiago, Chile, ²Hospital Luis Calvo Mackenna, Santiago, Chile, ³Sociedad Chilena de Odontopediatría, Santiago, Chile
- 1135 PR01.38 Early childhood caries: protective and determinant factors correlated with disease manifestation in children up to 4 years old**
L. V. F. M. Lemos^{1,2}, M. A. Rego¹, A. C. C. Zuanon³, S. I. Myaki² & L. R. F. Walter⁴
¹Paediatric Dentistry Department, Universidade do Vale do Paraíba - UNIVAP, School of Dentistry, São José dos Campos, Brazil, ²Department of Social Dentistry and Paediatric Dentistry, Universidade Estadual Paulista - UNESP, School of Dentistry, São José dos Campos, Brazil, ³Department of Paediatric Dentistry and Orthodontics, Universidade Estadual Paulista - UNESP, School of Dentistry, Araraquara, Brazil, ⁴Department of Paediatric Dentistry, Universidade Estadual de Londrina - UEL, School of Dentistry, Londrina, Brazil
- 1140 PR01.39 In vivo evaluation of acidogenic proprieties of Stevia rebaudiana extracts on human saliva: a pilot study**
B. Alcidi¹, T. Cantile¹, M. Coda¹, A. Pollio², A. Ingenito¹ & G. F. Ferrazzano¹
¹Department of Paediatric Dentistry, University of Naples Federico 2, Naples, Italy, ²Department of Biology, University of Naples Federico 2, Naples, Italy
- 1145 PR01.40 Oral care protocol intervention in the prevention and management of oral mucositis based on clinical evidence in oncohematological paediatric patients**
V. Gómez Clemente¹, A. Adanero Velasco¹, E. M. Martínez Pérez¹, C. Mata Fernández² & P. Planells Del Pozo¹
¹Paediatric Dentistry, Complutense University of Madrid, Madrid, Spain, ²Paediatric Oncohematology, Hospital General Universitario Gregorio Marañón de Madrid, Madrid, Spain
- 1150 PR01.41 Ph measurement, flow rate calculation, salivary concentration of CPP-ACP and Quercetin after medicated chewing gum oral delivery**
G. F. Ferrazzano¹, T. Cantile¹, B. Alcidi¹, M. Coda¹, M. G. Volpe² & A. Ingenito¹
¹Department of Paediatric Dentistry, University of Naples Federico 2, Naples, Italy, ²National Research Council, Institute of Food Science, Avellino, Italy
- 1155 PR01.42 Audit of compliance with Scottish Dental Clinical Effectiveness Programme (SDCEP) guidelines on provision of topical fluoride and fissure sealants in a general dental practice setting**
E. L. McCrory
NHS Lanarkshire, Edinburgh, United Kingdom
- 1200 PR01.43 Acidogenic potential of plain milk, milk with sugar, cornflakes with milk, and cornflakes, milk with sugar - In vivo comparison**
S. S. Bhat¹, V. S. Bhat² & R. Kanamath¹
¹Pedodontics, Yenepoya University, Mangaluru, India, ²Prosthodontics, Yenepoya University, Mangaluru, India
- 1205 PR01.44 A phase II randomised controlled trial of an oral health education video game for high caries risk children**
A. Aljafari, J. Gallagher & M. T. Hosey
Division of Population and Patient Health, King's College London, London, United Kingdom
- 1210 PR01.45 Effect of probiotic bacterium Lactobacillus reuteri on white spot lesion development in orthodontic patients**
S. Gizani¹, G. Petsi¹, S. Twetman², C. Caroni³ & L. Papagiannoulis¹
¹Pediatric Dentistry, University of Athens, Athens, Greece, ²Odontology, University of Copenhagen, Copenhagen, Denmark, ³Mathematics, University of Athens, Athens, Greece
- 1215 PR01.46 Oral health, vitamin and trace element status in child with ASD**
B. Leiva¹, J. Molina², E. Planells² & P. Planells¹
¹Prophylaxis, Paediatric Dentistry and Orthodontics Department IV, Complutense University of Madrid, Madrid, Spain, ²Physiology Department, Faculty of Pharmacy, Granada University, Granada, Spain
- 1220 PR01.47 Preventive effect of CPP-ACP/NaF and NaF varnishes on dental erosion associated with abrasion, and on dental caries**
L. C. Maia¹, A. K. Alexandria¹, T. I. Vieira¹, T. K. S. Fidalgo¹, M. M. Pitthor² & A. M. G. Valença³
¹Paediatric Dentistry and Orthodontics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, ²Department of Health, Southwest Bahia State University, Jequié, Brazil, ³Department of Clinical and Social Dentistry, Federal University of Paraíba, João Pessoa, Brazil
- 1225 PR01.48 The prevalence of enamel demineralization of deciduous teeth in children 12 to 48 months old**
W. Zhu¹, J. Wu²
¹Department of Pediatric & Preventive Dentistry, Nanjing Yuhua Dental Hospital, Nanjing, China, ²Department of Oral Health Care, Affiliated Maternity and Child Health Hospital, Nanjing Medical University, Nanjing, China
- 1230 PR01.49 A retrospective longevity study of occlusal sealants: regularly follow up**
R. S. Vieira¹, C. Pereira¹, M. Cardoso¹, A. Konrath², A. Borgatto² & L. R. Regattieri³
¹Pediatric Dentistry, Santa Catarina Federal University, Florianopolis, Brazil, ²Informatic and Statistic Department, Santa Catarina Federal University, Florianopolis, Brazil, ³Private Practice, Curitiba, Brazil
- 1235 PR01.50 A retrospective study over the retention rate of non-invasive versus minimally invasive sealings- 2 ys follow-up**
M. Tanase, A. M. Raducanu & I. V. Feraru
Paediatric Dentistry, UMF Carol Davila, Bucharest, Romania
- 1240 PR01.51 Oral microbiota of children in public and private school and their relationship with food and oral habits**
M. P. Guerrero, N. M. Jiménez, C. Amaro, S. Aguilar, I. Oliveros & E. Aguiar
Pediatric Dentistry Postgraduate Program, Universidad Autónoma de Nayarit, Tepic, Mexico
- 1245 PR01.52 To compare the remineralization potential of milk, cheese and GC tooth mousse on demineralized human enamel**
I. K. Vakili, V. Shetty & A. Hegde
Nitite University, Mangalore, India
- 1250 PR01.54 Dental caries recurrence after treatment for severe early childhood caries under general anesthesia: a 1-year follow-up**
J. Tian
Peking University, Beijing, China

1130 PR01.55 Powered versus manual tooth brush in children oral health
M. A. Durhan, B. Kargul & M. Uluakay
Pediatric Dentistry, Marmara University,
School of Dentistry, Istanbul, Turkey

1135 PR01.56 The influence of ozone, sealants and fluoride varnish on occlusal caries development in 24 months period
J. Kalnina & R. Care
Riga Stradins University, Riga, Latvia

1140 PR01.57 The effect of MI paste plus on initial caries lesion using focus ion beam/scanning electron microscopy (FIB/SEM)
B. Kitiki¹, M. Sezen² & B. Kargül¹
¹Department of Pediatric Dentistry, Marmara University Faculty of Dentistry, Istanbul, Turkey, ²Nanotechnology Research and Application Center, Sabanci University, Istanbul, Turkey

1145 PR01.58 White spot lesions and orthodontics: a clinical study and proposition of preventive protocole
W. Rerhrhaye, A. Benkaddour, A. Bahoum, L. Bahije & F. Zaoui
Department of Orthodontics, Faculty of Dental Medicine, University Mohammed V, Rabat, Morocco

1150 PR01.59 Application of ICDAS and CAMBRA protocols in patients with cerebral shunt valves. A case report
A. Hernandez Fernandez^{1,2}, E. Fernández-Miñano¹, Y. Martínez-Beneyto¹, A. J. Ortiz-Ruiz¹, A. M. Alcaina-Lorente¹ & S. Navarro-Garrido¹
¹University of Murcia, Murcia, Spain, ²Clinica Dental, Murcia, Spain

1155 PR01.60 Improving integration of dental and medical oral health services for young children
J. J. Crall^{1,2}
¹Public Health & Community Dentistry, UCLA, Los Angeles, CA, United States, ²UCLA-First 5 LA Oral Health Program, Los Angeles, CA, United States

1200 PR01.61 Contributions of caregiver's social support to children's dental caries in Guangzhou: a structural equation model
R. Qiu^{1,2}, E. C. M. Lo³ & H. Lin²
¹Department of Pediatric Dentistry, College of Stomatology, Guangxi Medical University, Nanning, China, ²Department of Preventive Dentistry, Guanghua School of Stomatology, Sun Yat-sen University, Guangzhou, China, ³Dental Public Health, Faculty of Dentistry, University of Hong Kong, Hong Kong, China

1205 PR01.62 Treatment of immature permanent teeth with periapical lesions
S. Gromova¹ & O. Kovylna²
¹Kirov State Medical Academy, Kirov, Russian Federation, ²Paediatric Dentistry Dept, Moscow State University of Medicine and Dentistry named after A.I. Evdokimov, Moscow, Russian Federation

1210 PR01.63 Management of white spot lesions before and during orthodontic treatment
M. Velissariou, M. Charopeme, N. Chandwani & K. Kavvadia
Pediatric Dentistry, European University College, Dubai, United Arab Emirates

1215 PR01.64 Effect of carbonated beverages on aesthetic restorative materials - an in-vitro surface microhardness study
A. M. Xavier¹, S. M. Sunny² & A. M. Hegde³
¹Dept. of Pediatric Dentistry, Amrita School of Dentistry, Aluva, India, ²Dental Surgeon, Smile 'n Care Multispecialty & Pediatric Dental Home Aluva, Ernakulam, India, ³Pedodontics and Preventive Children Dentistry, A.B. Shetty Memorial Institute of Dental Sciences, Mangalore, India

Dental anomalies

1130 PR02.01 Phenotypic and genotypic profile of a child with a unique pattern of molar teeth agenesis
B. Ahmed
Prosthodontics, National University of Science & Technology (NUST), Islamabad, Pakistan

1135 PR02.02 Early prosthodontic intervention in children with ectodermal dysplasia at age three
L. W. Ou-Yang & A. I. Tsai
Department of Paediatric Dentistry, Chang-Gung University, Chang-Gung Memorial Hospital, Taoyuan county, Taiwan, Republic of China

1140 PR02.03 Treatment for a patient with molar-incisor hypomineralization
S. H. Yu¹, H. H. Chang¹, Y. L. Wang¹, G. F. Huang¹ & M. K. Guo²
¹Pediatric Dentistry, National Taiwan University Children Hospital, Taipei City, Taiwan, Republic of China, ²Graduate Institute of Clinical Dentistry, National Taiwan University, Taipei City, Taiwan, Republic of China

1145 PR02.04 Dental treatment consideration in a child with Pompe disease
K. Y. Chu^{1,2}, Y. L. Wang^{1,2}, H. H. Chang^{1,2}, G. F. Huang^{1,2} & M. K. Guo^{1,2}
¹National Taiwan University Hospital, Taipei, Taiwan, Republic of China, ²National Taiwan University, Taipei, Taiwan, Republic of China

1150 PR02.05 Dental management of a patient presenting with incontinentia pigmenti (IP)
L. Dakkouri, P. Ashley & S. Parekh
Paediatric Department, Eastman Dental Institute, London, United Kingdom

1155 PR02.06 Prevalence of hyperdontia and hypodontia in a Turkish pediatric patient population
M. Uluakay, B. Pekel & A. Menten
Pediatric Dentistry, Marmara University, Istanbul, Turkey

1200 PR02.08 Supernumerary teeth: epidemiological study in patients kids
E. J. L. Bava, M. Garcia, V. Pavan, G. Arrebola, M. Pantyrer & L. Mendez
Department of Pediatric Dentistry, University of Buenos Aires, Buenos Aires, Argentina

1205 PR02.09 Attitudes towards genetic testing for dental disorders in children
C.J. Bushell¹ & M. Harrison^{1,2}
¹Paediatric Dentistry, King's College London Dental Institute, London, United Kingdom, ²Consultant Paediatric Dentist, Guy's and St. Thomas' NHS Trust, London, United Kingdom

1210 PR02.10 Solitary median maxillary central incisor (SMMCI) syndrome - a variant with a supplemental median maxillary central incisor
E. Dunbar & R. R. Welbury
Glasgow Dental Hospital and School, Glasgow, United Kingdom

1215 PR02.11 Non-syndromic hypo-hyperdontia in the mandibular anterior region
S. S. Huang^{1,2}, M. H. Sheen², S. T. Huang^{2,3} & S. Y. Hsiao²
¹Department of Dentistry, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China, ²Department of Pediatric Dentistry, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, Republic of China, ³Department of Oral Hygiene, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China

1220 PR02.12 Regional odontodysplasia: the report of two unusual cases involved cross-region and over-region
G. Song, S. Zhang & M. M. Omar
Pediatric Dentistry, School & Hospital of Stomatology, Wuhan University, Wuhan, China

- 1225 PR02.13 Oligodontia in a pediatric patient with systemic disease**
Z. A. Güçlü¹ & A. Alaçam²
¹Pediatric Dentistry, Trakya University Faculty of Dentistry, Edirne, Turkey, ²Pediatric Dentistry, Gazi University Faculty of Dentistry, Ankara, Turkey
- 1230 PR02.14 Comprehensive care of a young child diagnosed with a de novo mutation of osteogenesis imperfecta type IV and dentinogenesis imperfecta with 4 year follow up**
P. Schogger & L. Gartshore
Paediatric Dentistry Department, University of Liverpool, Liverpool, United Kingdom
- 1235 PR02.15 Primary failure of eruption presenting in a patient to varying degrees in all four quadrants**
P. Ashley¹, C. Clayton², J. Noar², A. Sharma² & L. Kneafsey²
¹Paediatric, Eastman Dental Institute, University College London (UCL), London, United Kingdom, ²Orthodontics, Eastman Dental Institute, University College London (UCL), London, United Kingdom
- 1240 PR02.16 Regional odontodysplasia: an unusual case report and two years follow up**
C. Duman¹, I. Kalyoncu¹, G. Olus² & A. R. Montes¹
¹Paediatric Dentistry, Marmara University, Istanbul, Turkey, ²Oral and Maxillofacial Surgery, Marmara University, Istanbul, Turkey
- 1245 PR02.17 Premature tooth loss in a 4-year old healthy boy, a diagnostic challenge**
H. Backaert¹, T. De Ravel², I. Bailleul-Forestier³ & D. Declerck¹
¹Department of Oral Health Sciences and Department of Dentistry, Unit of Pediatric Dentistry and Special Dental Care, University Hospital Leuven, KU Leuven, Leuven, Belgium, ²Centre for Human Genetics, University Hospital Leuven, KU Leuven, Leuven, Belgium, ³Paediatric Dentistry, Dental Faculty, CHU Toulouse, Toulouse, France
- 1250 PR02.18 A case report of pre-mature eruption of an upper left first permanent premolar in a 5 year old patient**
G. Chu¹ & E. Ravichandran²
¹Public Dental Services, NHS Greater Glasgow & Clyde, Glasgow, United Kingdom, ²NHS Greater Glasgow & Clyde, Glasgow, United Kingdom
- 1130 PR02.19 Dens invaginatus in an immature permanent tooth combined with chronic periapical periodontitis**
X. Chen & S. Zhu
Department of Paediatric Dentistry, School of Stomatology, China Medical University, Shenyang, China
- 1135 PR02.20 Mutation in WNT10A and MSX1 genes associated with oligodontia - a case report**
E. Ronkainen, S. Alaluusua & P. Nieminen
Institute of Dentistry, University of Helsinki, Helsinki, Finland
- 1140 PR02.21 Dental anomalies associated with agenesis of mandibular second premolars in Turkish population**
M. Ziya, T. Bezgin, B. Memiş Özgül & S. Sari
Paediatric Dentistry, Ankara University, Ankara, Turkey
- 1145 PR02.22 A case report: multiple un-erupted teeth and other dental anomalies in a non- syndrome patient**
J. D. Edwards & T. Percival
Paediatric Department, Child Dental Health Unit, School of Dentistry, University of the West Indies, Champs Fleurs, Trinidad and Tobago
- 1150 PR02.23 Management and follow up of an erupting mesiodens in a four year old patient**
J. B. Ammari
Private Paediatric Dental Clinic, Amman, Jordan
- 1155 PR02.24 Dental findings in the diagnosis of ectodermal dysplasia with immunodeficiency: a case report**
T. Kawakami¹, Y. Hagiwara¹, H. Yoneyama¹, M. Maeda², Y. Ito² & H. Karibe¹
¹Pediatric Dentistry, The Nippon Dental University, School of Life Dentistry at Tokyo, Tokyo, Japan, ²Pediatrics, Nippon Medical School, Tokyo, Japan
- 1200 PR02.25 Developmental enamel defects in one-year-old infants delivered with low and extremely low birthweights**
V. Merglova¹, R. Koberova², Z. Broukal³, J. Dort⁴ & H. Tobrmanova⁴
¹Dentistry Department, Faculty of Medicine in Pilsen, Charles University in Prague, Pilsen, Czech Republic, ²Dentistry Department, Faculty of Medicine in Hradec Kralove, Charles University in Prague, Hradec Kralove, Czech Republic, ³Dentistry Department, 1st Faculty of Medicine, Charles University in Prague, Prague, Czech Republic, ⁴Department of Neonatology, Faculty Hospital in Pilsen, Pilsen, Czech Republic
- 1205 PR02.26 Management of pre-eruptive intra-coronal radiolucency in a maxillary canine: a rare case report**
A. Alkadhimi, J. Hennessy, E. Al-Awadhi & T. Garvey
Department of Public and Child Dental Health, Dublin Dental University Hospital, Dublin, Ireland
- 1210 PR02.27 Minimally invasive rehabilitation of a case with amelogenesis imperfecta**
M. A. Chaudhary & F. S. L Wong
Paediatric Dentistry, Barts and the London School of Medicine and Dentistry, Queen Mary University of London, London, United Kingdom
- 1215 PR02.28 Idiopathic pre-eruptive coronal resorption of four impacted mandibular premolars in a child with STIM-1 deficiency**
M. Lambrechts¹, I. Meyts², M. Peumans¹ & G. Vansteenkiste¹
¹Department of Oral Health Sciences and Department of Dentistry, Unit of Paediatric Dentistry and Special Dental Care, University Hospitals Leuven and University of Leuven, Leuven, Belgium, ²Department of Immunology and Microbiology, Childhood Immunology and Department of Pediatrics, University Hospitals Leuven and University of Leuven, Leuven, Belgium
- 1220 PR02.29 Microscopic analysis of new dental anomaly: molar-incisor malformation (MIM)**
J. M. Jang, H. S. Lee, J. S. Song & J. H. Lee
Department of Pediatric Dentistry, College of Dentistry, Yonsei University, Seoul, Korea, Republic of
- 1225 PR02.30 Children with deciduous-molar-hypomineralisation are at higher risk of developing molar-hypomineralisation**
P. F. Jimenez¹, D. M. Pereira¹, J. N. Vives¹ & V. A. Perez^{1,2}
¹Department of Pediatric Stomatology, University of Talca, Talca, Chile, ²Department of Pharmacology and Therapeutics, The University of Melbourne, Melbourne, VIC, Australia
- 1230 PR02.31 Dental management for Turner syndrome patient - a case report**
J. M. Su
Dental Department, Show-Chwan Memorial Hospital, Chang-Hua, Taiwan, Republic of China
- 1235 PR02.32 Multiple anomalies in mixed dentition: a case report**
R. Indriyanti
Pediatric Dentistry, Padjadjaran University, Bandung, Indonesia

- 1240 PR02.33 Effect of analgesics in mineralization degree of molars and incisors of mice**
C. Serna, A. Pérez, Y. Martínez, A. Vicente & A. J. Ortiz
University of Murcia, Murcia, Spain
- 1245 PR02.34 Tricho-Dento-Osseous syndrome and its phenotypic aspect: a case report**
V. Siurblyte, G. Rekeviciute, E. Slabsinskiene & B. Jankauskiene
Lithuanian University of Health Sciences, Kaunas, Lithuania
- 1250 PR02.35 Enamel agenesis amelogenesis imperfecta in a 8-year old patient**
A.S. Altinimi
Paediatric Dentistry, Leeds Dental Institute, Leeds, West Yorkshire, United Kingdom
- 1255 PR02.36 Case report: pre-eruptive coronal resorption of mandibular canine**
G. Diler & H. C. Bodur
Gazi University, Ankara, Turkey
- 1130 PR02.37 Pre- eruptive intra-coronal resorption in a maxillary canine tooth**
Z. Hatipoğlu & N. Akal
Gazi University Faculty of Dentistry, Ankara, Turkey
- 1135 PR02.38 Regional odontodysplasia: report of a case**
N. Güngördü & D. Atabek
Gazi University, Ankara, Turkey
- 1140 PR02.39 Amelogenesis imperfecta type I. Hypoplastic: a case report (therapeutic treatment)**
O. I. Khakhalina, A. G. Sedoykin & L. N. Drobotko
Paediatric Dentistry Department, Moscow State University of Medicine and Dentistry named after A.I. Evdokimov (MSUMD), Moscow, Russian Federation
- 1145 PR02.40 Early loss of primary incisors: a suspected case of hypophosphatasia**
C. M. Feeney¹, Z. J. Greenwood² & S. Lee^{2,3}
¹Community Dental Services, Betsi Cadwaladr University Health Board, Liverpool, United Kingdom, ²Community Dental Services, Betsi Cadwaladr University Health Board, Rhyl, United Kingdom, ³Paediatric Dental Department, Liverpool Dental Hospital, Liverpool, United Kingdom
- 1150 PR02.41 Non-syndromic supernumerary teeth in maxillary and mandibular region**
M. F. Valenzuela-Saenz, J. E. Ayon-Jaime, M. A. Zamudio-Gomez, C. A. Fregoso-Guevara & I. A. Verdugo-Valenzuela
Pediatric Dentistry Postgraduate Program, Universidad Autónoma de Baja California, Tijuana, Mexico
- 1155 PR02.42 Developmental defects of enamel in first permanent molars associated with use of asthma drugs at preschool age in Greek children. A retrospective case-control study**
A. Mastora¹, G. Vadiakas¹, A. Agouropoulos¹ & P. Gartagani-Panagiotopoulou²
¹Department of Paediatric Dentistry, School of Health Sciences, Faculty of Dentistry, University of Athens, Athens, Greece, ²First University Department of Pediatrics, Pediatric Pulmonology Clinic, University of Athens School of Medicine, Aghia Sophia Children's Hospital, Athens, Greece
- 1200 PR02.44 Dental care for a Cornelia de Lange syndrome child**
I. C. Tien^{1,2} & S. T. Huang^{2,3}
¹Guan-Jie Dental Clinic, Hsing-Chu, Taiwan, Republic of China, ²Department of Dentistry, Division of Special Care Dentistry, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, Republic of China, ³Department of Oral Hygiene, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China
- 1205 PR02.45 Dens invaginatus, hypodontia and taurodontism in the permanent dentition of a healthy child**
C. Matsioulas¹, H. Vastardis², Y. Gyftodimou³ & L. Papagiannoulis¹
¹Paediatric Dentistry, Dental School, Athens, Greece, ²Oral Biology, Dental School, Athens, Greece, ³Department of Genetics Institute of Child Health, Athens, Greece
- 1210 PR02.46 Prevalence of dental developmental anomalies: a radiographic study**
Ö. A. Öge, L. Özkan, S. Korun, A. Islam, H. Tunç & S. Çetiner
Pediatric Dentistry, Near East University Faculty of Dentistry, Nicosia, Cyprus
- 1215 PR02.47 Arresting progression of molar-incisor hypomineralisation (MIH) syndrome on permanent first molars - a case presentation**
E. Mlinkó, I. Tarján, D. Z. Nagy, G. Fábán & N. Rózsa
Department of Paedodontics and Orthodontics, Semmelweis University, Budapest, Hungary
- 1220 PR02.48 Minimal invasive treatment protocol for young patients with enamel hypoplasia. A report of 2 clinical cases**
M. Kukurba-Setkowicz
Private Dental Office, Krakow, Poland
- 1225 PR02.49 Chronology of developmental defects of enamel and its relation to systemic disturbances - a case series**
R. M. Mallikarjuna
Paediatric Dentistry, Oman Dental College, Muscat, Oman
- 1230 PR02.50 Syndromic amelogenesis imperfecta in Morocco: a cohort study**
M. El Alloussi¹, S. Laouina², I. Cherkaoui³, A. Sefiani³, R. Amezian⁴ & A. Bloch Zuppon⁵
¹Pediatric Dentistry, Dental School University Mohamed V, Rabat, Morocco, ²University Mohamed V Rabat, Rabat, Morocco, ³Department of Medical Genetics, National Institute of Hygiene, University Mohammed V - Souissi (UM5S), Rabat, Morocco, ⁴Pediatric Dentistry, Dental School University Mohammed V - Souissi (UM5S), Rabat, Morocco, ⁵Sciences Biologiques, Faculté de Chirurgie Dentaire de Strasbourg Université de Strasbourg, Strasbourg, France
- 1235 PR02.51 Amelogenesis imperfecta: a report of 4 cases with long term management and 7 years follow-up**
E. Panagiotou¹, A. Babatzia¹, S. Papanakou¹, O. Sakellariopoulos², M. Angelopoulou¹ & G. Vadiakas¹
¹Paediatric Dentistry, National and Kapodistrian University of Athens, Athens, Greece, ²Operative Dentistry, National and Kapodistrian University of Athens, Athens, Greece
- 1240 PR02.52 Fluorosis in temporary teeth in a child**
O. Kowylina, T. Rzaeva, I. Malanchuk & T. Pikilidi
Paediatric Dentistry, Moscow State University of Medicine and Dentistry named after A.I. Evdokimov (MSUMD), Moscow, Russian Federation
- 1245 PR02.53 Management of dens evaginatus in a pre-adolescent child**
S. Munsie & E. Barrett
The Hospital for Sick Children, Toronto, ON, Canada
- 1250 PR02.54 Oral rehabilitation with implants and dentures in child with ectodermal dysplasia**
M. Bolan, T. C. Triches, M. Ximenes, J. G. S. Oliveira, A. R. L. Pereira & A. C. Cardoso
Pediatric Dentistry, Santa Catarina Federal University, Florianopolis, Brazil

- 1130 PR02.55 Clinical and radiographic delineation of Goldblatt syndrome**
A. Halimi¹, A. Sefiani², M. Darbi³ & M. El Alloussi⁴

¹Orthodontics, Dental School University Mohamed V Rabat, Rabat, Morocco,

²Department of Medical Genetics, University Mohammed V - Souissi (UM5S), National Institute of Hygiene, Department of Medical Genetics, Rabat, Morocco,

³Radiology, University Mohamed V Rabat, Rabat, Morocco, ⁴Dental School University Mohamed V Rabat, Rabat, Morocco

- 1135 PR02.56 Molar incisor hypomineralization: a survey of dentists in Morocco**

N. Ouatik¹, S. El Mandil², R. Ameziane³ & M. El Alloussi³

¹Division of Pediatric Dentistry, Faculty of Dentistry, McGill University, Montréal, QC, Canada, ²Faculté de Médecine Dentaire, Université Mohamed V, Rabat, Morocco,

³Service d'Odontologie Pédiatrique - Prévention, Faculté de Médecine Dentaire, Université Mohamed V, Rabat, Morocco

- 1140 PR02.57 Teeth in a newborn - treat or leave!**

N. K. Vellore Loganathan

Paediatric Dentistry, Westmead Centre of Oral Health, Sydney, NSW, Australia

- 1145 PR02.58 Unique dental features in Allgrove syndrome**

I. Yavuz¹, E. G. Mancini², C. E. Willoughby³, G. Clarich⁴, A. B. Gianni² & M. Callea⁴

¹Department of Pediatric Dentistry, University of Dicle, Diyarbakir, Turkey,

²Department of Maxillo Facial Surgery, Postgraduate School of Maxillofacial Surgery and Orthodontics, University of Milan, Milan, Italy, ³Department of Eye and Vision Science, Institute of Ageing and Chronic Disease, University of Liverpool, Liverpool, United Kingdom, ⁴Institute for Maternal and Child Health - IRCCS 'Burlo Garofolo', Trieste, Italy

- 1150 PR02.59 The management of spontaneously erupted supernumerary teeth: three case reports**

A. Ozturk, S. Guner & N. Sandalli

Paediatric Dentistry, Yeditepe University Faculty of Dentistry, Istanbul, Turkey

- 1155 PR02.60 Dental abnormalities in a patient with microcephalic osteodysplastic primordial dwarfism Type II**

N. Ghouth^{1,2} & M. S. Duggal¹

¹Paediatric Dentistry, Leeds Dental Institute, Leeds, United Kingdom, ²Taibah University, Madinah, Saudi Arabia

- 1200 PR02.61 Molar-Incisor-Hypomineralization (HIM) in a group of Brazilian preterm children: preliminary findings**

S. M. Pinto Alves Campos Vieira¹,

M. Fausto², L. Takaoka¹, A. L. Goulart¹

& B. Kopelman¹

¹Federal University of São Paulo,

São Paulo, Brazil, ²University of São Paulo, São Paulo, Brazil

- 1205 PR02.62 Premature exfoliation of primary teeth - a case report**

M. Yasin¹, J. C. Mitchell¹, D. Agerholm² & M. Wacks³

¹Paediatric Dentistry, Dental Institute, King's College London, London, United Kingdom, ²Periodontology, Dental Institute, King's College London, London, United Kingdom, ³General Paediatrics, King's College Hospital, London, United Kingdom

Thursday 2nd July, 1600 Hours

Dental anxiety and behavioural management

- 1600 PR03.01 Pulpal laser anaesthesia vs local anaesthetic injection**

A.V.K. Efthymiou

Paediatric Department, University of Athens, Private Dental Office, Aigaleo, Greece

- 1605 PR03.02 Environmental factors affecting children's anxiety & coping with dental general anaesthesia**
A. S. Zaher, M. T. Hosey & S. Sood

Paediatric Dentistry, King's College London, London, United Kingdom

- 1610 PR03.03 Managing patients with special health care needs - are we there yet?**

M. Guelmann Marcio & L. R. F. Mugayar
Pediatric Dentistry, University of Florida, Gainesville, FL, United States

- 1615 PR03.04 Attitude towards oral health and prevalence of caries in school children in Tijuana, BC Mexico**

P. A. Galvan Carrillo, M. A. Zamudio

Gomez, M. E. Torres Arellano, A. Campos Frias, C. A. Fregoso Guevara & J. L. Bustamante Reynoso
Especialidad Odontología Pediátrica, Universidad Autónoma de Baja California, Tijuana, Mexico

- 1620 PR03.05 Evaluation of the effect of general anaesthesia and restraint during dental treatment on dental anxiety and behavior in children**

H. Zhang¹, B. Xia², J. Wang², X. Chen¹, L. Ge²

¹Pediatric Dentistry, Clinic of Peking University School and Hospital of Stomatology, Beijing, China, ²Pediatric Dentistry, Peking University School and Hospital of Stomatology, Beijing, China

- 1625 PR03.06 Comparison of oral and intramuscular ketamine, midazolam, atropine for sedation of 1-4 year old uncooperative pediatric dental patients**
G. Ansari¹, N. Pasdar², M. Vahid Golpayegani¹, S. Shayeghi³ & A. Mahdavi³

¹Pediatric Dentistry, Shahid Beheshti Medical University, Tehran, Iran, Islamic Republic of, ²Pediatric Dentistry, Mazandaran University of Medical Sciences, Babol, Iran, Islamic Republic of,

³Anesthesiology, Shahid Beheshti Medical University, Tehran, Iran, Islamic Republic of

- 1630 PR03.07 Efficacy and outcome assessment of a specially designed augmentative communication program for managing children with special health care needs in a pediatric dental set-up**

N. Grewal¹, S. Grewal² & T. Sethi¹

¹Pedodontics & Preventive Dentistry, Government Dental College, Amritsar, India, ²Pediatric Dentistry, Tufts University Dental School, Boston, MA, United States

- 1635 PR03.08 The effectiveness of using visual pedagogy in dental check up and preventive dentistry for children with autism: a randomized clinical trial**

F. Nilchian¹ & Z. Taghijarah²

¹Dental Public Health, Esfahan Medical University, Esfahan, Iran, Islamic Republic of, ²Esfahan University of Medical Sciences, Esfahan, Iran, Islamic Republic of

- 1640 PR03.09 Degree of anxiety and colour priority of child in a dental session**

D. Oner Ozdas

Pediatric Dentistry Department, Istanbul Aydin University/Dentistry Faculty, Istanbul, Turkey

1645 PR03.10 Considering two usual scales for behaviour assessment during paediatric dental sedation

L. R. Costa¹, A. Daher¹, H. S. Gomes², K. A. Viana², G. C. M. Machado¹ & P. S. S. Costa³

¹Paediatric Dentistry, Federal University of Goias, Goiania, Brazil, ²Dentistry Graduate Program, Federal University of Goias, Goiania, Brazil, ³Paediatrics, Federal University of Goias, Goiania, Brazil

1650 PR03.11 The use of relaxation and needle desensitisation to treat and resolve dental phobia

C. M. Campbell, C. Simpson & G. D. Taylor

Department of Paediatric Dentistry, Glasgow Dental Hospital and School, Glasgow, United Kingdom

1655 PR03.12 Parent, dentist, and independent rater assessment of child distress during preventive dental visits

T. M. Nelson¹, C. E. Huebner^{1,2} & J. A. M. Scott¹

¹Department of Pediatric Dentistry, University of Washington, Seattle, WA, United States, ²School of Public Health, University of Washington, Seattle, WA, United States

1600 PR03.13 Comparison between two types of video eyeglasses in management of pediatric dental patients

G. M. Mahmoud

Pediatric Dentistry, 6th October University for Modern Science and Arts, Cairo, Egypt

1605 PR03.14 Children's intelligence quotient following dental general anesthesia: the clinical observation

B. Xia, Y. Xiao, J. Wang & L. Ge

Department of Pediatric Dentistry, Peking University School and Hospital of Stomatology, Beijing, China

1610 PR03.15 An integrated care approach in the management of small children requiring dental treatment under general anaesthesia (GA)

L. Drobotko, A. Sedoykin & K. Fedotov
Paediatric Dentistry Department, Moscow State University of Medicine and Dentistry named after A.I. Evdokimov (MSUMD), Moscow, Russian Federation

1615 PR03.16 Midazolam sedation for young children

L. Kiselnikova, A. Zolotussky, L. Drobotko, A. Sedoykin & K. Fedotov

Paediatric Dentistry Department, Moscow State University of Medicine and Dentistry named after A.I. Evdokimov (MSUMD), Moscow, Russian Federation

1620 PR03.17 Comparative study of articaine versus lidocaine for extraction of primary molars

S. Badr^{1,2} & M. El-Shiekh³

¹Pediatric and Community Dentistry Department, Beirut Arab University, Beirut, Lebanon, ²On Secondment from Faculty of Oral and Dental Medicine, Cairo University, Cairo, Egypt, ³Pediatric Dentistry Department, Faculty of Oral and Dental Medicine, Cairo University, Cairo, Egypt

1625 PR03.18 Acceptance of child behavior management techniques in a group of Cambodian mothers

C. Yos^{1,2}

¹Pediatric Dentistry, Mahidol University, Faculty of Dentistry, Bangkok, Thailand, ²Dentistry, University of Puthisatra, Faculty of Dentistry, Phnom Penh, Cambodia

1630 PR03.19 Comparative evaluation of clinical effectiveness of a vibrating device (Vibraject) and surface anesthetic agent in reducing pain during local anesthesia injection

I. K. Pandit¹, N. Gugnani¹, M. Gupta¹, N. Pandit² & H. Malhan¹

¹Paediatric and Preventive Dentistry, DAV(C) Dental College, Yamunanagar, India, ²DAV(C) Dental College, Yamunanagar, India

1635 PR03.20 The application of video glasses to manage challenging paediatric dental situations

P. J. Haria, A. Casaus

& K. Coomaraswamy
Paediatric Dentistry, Birmingham Dental Hospital, Birmingham, United Kingdom

1640 PR03.21 Computer capillaroscopy assisted assessment of stress level in children undergoing dental treatment under conscious sedation

E. Shavlokhova¹, M. Korolenkova¹, F. Mutafina² & I. F. Ostreikov³

¹Pediatric Dentistry, Central Research Institute of Dentistry and Maxillofacial Surgery, Moscow, Russian Federation, ²Functional Diagnostics, Central Research Institute of Dentistry and Maxillofacial Surgery, Moscow, Russian Federation, ³Russian Medical Academy of Postgraduate Education, Moscow, Russian Federation

1645 PR03.22 Dental treatment in a patient with Ulrich congenital muscular dystrophy under total intravenous anesthesia

M. K. Baik, T. J. Shin, K. T. Jang, S. H. Lee & C. C. Kim

Department of Pediatric Dentistry, School of Dentistry, Seoul National University, Seoul, Korea, Republic of

1650 PR03.23 Dental phobia with anxiety in adults who needs comprehensive dental treatment: a case report

Y. H. Hsueh, K. T. Sun, H. H. Chiang, Y. C. Chang & C. J. Hung

China Medical University Hospital, Taichung City, Taiwan, Republic of China

1655 PR03.24 To compare the efficacy of various sedative agents - oral, inhalational and intravenous, in children for minor dental procedures

A. B. Joshi¹, A. M. Hegde¹,

M. Gopakumar¹ & U. S. Raveendra²
¹Pedodontics and Preventive Dentistry, A B Shetty Memorial Institute of Dental Sciences, Nitte University, Mangalore, India, ²Anesthesiology and Critical Care, K S Hegde Medical Academy, Nitte University, Mangalore, India

1600 PR03.25 Dental treatment under general anesthesia (DGA) among healthy and medically compromised children

V. Anttonen^{1,2}, S. Rankinen¹, H. Vähäniikkilä¹, S. Koskinen³ & M. L. Laitala¹

¹Department of Paedodontics, University of Oulu, Medical Faculty, Oulu, Finland, ²Medical Research Center, University Hospital and University of Oulu, Oulu, Finland, ³Oulu University Hospital, Oulu, Finland

1605 PR03.26 Evaluation of pediatric patients' needs who treated with sedation in the first place: a retrospective research

S. E. Yoldas¹, H. M. Görcek¹, H. Kinaci², G. Kip¹, & H. Bodur¹

¹Department of Pediatric Dentistry, Gazi University Faculty of Dentistry, Ankara, Turkey, ²Department of Statistics, Gazi University Faculty of Science, Ankara, Turkey

1610 PR03.27 Child in the dental chair - communicating beyond words

R. Nair¹, S. Bridges² & C. K. Y. Yiu³

¹Paediatric Dentistry and Orthodontics, Faculty of Dentistry, Hong Kong University, Hong Kong, Hong Kong, ²Faculty of Education, Hong Kong University, Hong Kong, Hong Kong, ³Paediatric Dentistry, Faculty of Dentistry, Hong Kong University, Hong Kong, Hong Kong

1615 PR03.28 Diurnal bruxism treatment with behavior management: a case report

G. Inan & T. Uluşu

Pediatric Dentistry, Gazi University, Ankara, Turkey

1620 PR03.29 Dental anxiety in Czech pre-schoolers

J. Vasakova¹, J. Matouskova¹, L. Sebestova¹, L. Navarova¹ & Z. Broukal²

¹Department of Paediatric Dentistry, School of Dental Medicine, 1st Faculty of Medicine, Charles University, Prague, Czech Republic, ²Department of Epidemiology and Preventive Dentistry, School of Dental Medicine, 1st Faculty of Medicine, Charles University, Prague, Czech Republic

1625 PR03.30 DentalVibe injection comfort system versus traditional syringe for palatal local infiltration anesthesia in children

C. Kaya, Ü. Şermet Elbay, M. Elbay & C. Uğurluel
Pediatric Dentistry, Kocaeli University Dentistry Faculty, Kocaeli, Turkey

1630 PR03.31 Comparing dental stress in new child patients and returning patients using salivary cortisol, Immunoglobulin-A and alpha-amylase

A. Nadreen¹, S. M. Alaki², A. Safi¹ & S. Ouda¹
¹King Abdulaziz University, Jeddah, Saudi Arabia, ²Pediatric Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia

1635 PR03.32 The increasing rate of autism spectrum disorders and associated factors in Taiwan

C. H. Li¹, S. C. Chen², Y. H. Hsueh¹, C. J. Hung¹ & K. T. Sun¹
¹Pediatric Dentistry, China Medical University Hospital, Taichung, Taiwan, Republic of China, ²Department of Endocrinology, Cheng Ching Hospital, Taichung, Taiwan, Republic of China

1640 PR03.33 Acceptability and cognition of dental general anesthesia to parents in Xi'an, China

S. Yuan, F. Liu & X. Wang
Department of Pediatric Dentistry, School of Stomatology, The Fourth Military Medical University, Xi'an, China

1645 PR03.34 Children's dental disease treatment effect observed under general anesthesia

Y. Zhang, X. Cao, L. Zhu & W. Qin
Pediatric Dentistry, Dalian Stomatological Hospital, Dalian, China

1650 PR03.35 Factors correlated with children's dental anxiety in Latvia

L. Kronina¹, R. Care¹ & M. Rascevska²
¹Institute of Stomatology, Riga Stradins University, Riga, Latvia, ²Faculty of Education, Psychology and Arts, University of Latvia, Riga, Latvia

1655 PR03.36 Pharmacological versus physical restraint: a clear polarization among Brazilian paediatric dentists

G. C. M. Machado, A. M. L. S. Daher, A. P. S. Cost & L. R. Costa
Dental School, Federal University of Goias, Goiânia, Brazil

1600 PR03.37 Assess the relation between the behavior of children in home and in dental clinics

N. Jayavel Pandiyan
Dept of Paediatric Dentistry, Penang International Dental College, Penang, Malaysia

1605 PR03.38 Prevalence of intra-oral injection fear in children and adolescents. Preliminary results

K. G. Berge^{1,2}, M. L. Agdal^{1,2}, M. Vika^{1,2} & M. S. Skeie¹
¹Department of Clinical Dentistry, University of Bergen, Bergen, Norway, ²Specialist Oral Health Centre for Western Norway, Bergen, Norway

1610 PR03.39 Dancing tango on teeth and lips - a medical anthropological study on oral care for persons with profound intellectual and multiple disabilities

N. C. Chen¹, Y. C. Lee¹, S. T. Huang² & Y. Z. Wang³
¹Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China, ²Division of Special Care Dentistry, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China, ³Department of Psychology, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China

1615 PR03.40 Ehlers-Danlos syndrom: a new alternativ for anesthesia?

A. L. Bonnet¹, S. Badran² & N. Jegat³
¹EA 2496, Paris Descartes, Montrouge, France, ²Public Health, Reims Champagne Ardennes, Reims, France, ³Odontologie Pédiatrique, Paris Descartes, Montrouge, France

1620 PR03.41 Pre-operative fasting time for chewing gum: a survey of anaesthetists

H. Tatham¹ & C. Davies²
¹Department of Paediatric Dentistry, Guy's and St. Thomas' NHS Trust, London, United Kingdom, ²Department of Anaesthetics, Guy's and St. Thomas' NHS Trust, London, United Kingdom

Epidemiology/dental public health

1600 PR04.01 Gutkha and paan - a threat to our youth

N. Majeed¹ & A. M. Hegde²
¹Middle East Specialised Medical Centre, Abu Dhabi, United Arab Emirates, ²AB Shetty Memorial Institute of Dental Sciences, Mangalore, India

1605 PR04.02 Children's oral health outcomes after school-based oral health program in Nepal

R. M. Hill, C. Tun & S. M. Hirsch
Global Outreach and International Initiatives, New York University College of Dentistry, New York, NY, United States

1610 PR04.03 Changes in caries prevalence of Isle-of-Islay children 1999-2014

M. Formby¹ & R. R. Welbury²
¹Remote and Rural Fellow, NHS Education for Scotland, Isle-of-Islay, United Kingdom, ²Paediatric Dentistry, University of Glasgow, Glasgow, United Kingdom

1615 PR04.04 Wait times for pediatric dental treatment under general anesthesia at three U.S. federally qualified health centers (FQHCs)

D. Okuji, A. Engelhardt, M. Greabell & J. Sielski
Dental Medicine, Lutheran Medical Center, Brooklyn, NY, United States

1620 PR04.05 Reasons for seeking dental care, caries profile and treatment need of children in Tabuk, KSA

S. A. H. Jafri & M. Amri
Dental Department, North West Armed Forces Hospital, Tabuk, Saudi Arabia

1625 PR04.06 Antley-Bixler-syndrome oral findings, a case report

M. O. Hillali¹ & A. M. Suliaman²
¹Pediatric, Khartoum University, Khartoum, Sudan, ²Khartoum University, Khartoum, Sudan

1630 PR04.07 The oral health regimes, dental experience and parental perceptions of oral health care of children with special needs

N. N. Longridge¹, S. Walley¹, S. Albadri¹ & S. J. Spiller²
¹Paediatric Dentistry, University of Liverpool, Liverpool, United Kingdom, ²Sutton Dental Practice, Ellesmere Port, United Kingdom

1635 PR04.08 The burden of oral disease in children with welfare concerns in Glasgow, Scotland: the work continues

C. M. Park¹, L. M. Millar² & A. M. Cairns¹
¹Paediatric Dentistry, University of Glasgow, Glasgow, United Kingdom, ²Paediatric Dentistry, Glasgow Dental Hospital and School, Glasgow, United Kingdom

1640 PR04.09 What influence mothers to control children's sugared snack? An application of theory of planned behaviors

T. Vichayanrat¹, S. Sudha², K. Kumthanom², J. Apisudtisint², N. Uaewatanasakul² & Y. Ariyakietsakul²
¹Department of Community Dentistry, Mahidol University, Faculty of Dentistry, Bangkok, Thailand, ²Mahidol University, Faculty of Dentistry, Bangkok, Thailand

1645 PR04.10 ECC: a disease that is about more than just baby teeth

L. Smith
Pediatrics, University of Calgary, Calgary, AB, Canada

1650 PR04.11 Childhood risk factors for late eruption of permanent teeth

H. M. Wong, S. M. Peng, Y. F. Wen & C. McGrath
University of Hong Kong, Hong Kong, Hong Kong

- 1655 PR04.12 Improvement of oral health conditions of school children in Cambodia by oral health education**
Y. Iwamoto^{1,2}, A. Iwamoto³, N. Niizato⁴, N. Goto¹ & K. Kozai^{2,4}
¹Department of Pediatric Dentistry, Hiroshima University Hospital, Hiroshima, Japan, ²Center of International Collaboration Development for Dentistry, Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan, ³Department of Maxillofacial Functional Development, Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan, ⁴Department of Pediatric Dentistry, Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan
- 1600 PR04.13 Prevalence of oral habits and its related malocclusion among 6-12 years old school children of Lucknow city, India**
N. Khan¹, F. Samadi¹, S. Navit², K. Singh³, N. Singh⁴ & N. Shrivastav¹
¹Pedodontics, Career Post Graduate Institute of Dental Sciences, Lucknow, India, ²Pedodontics, Saraswati Dental College & Hospital, Lucknow, India, ³Orthodontics, Saraswati Dental College & Hospital, Lucknow, India, ⁴Pedodontics, BABU Banarasi Das College of Dental Sciences, Lucknow, India
- 1605 PR04.14 Caries prevalence of 15-year old Greek children using the ICDAS II system. A national pathfinder survey**
M. Sifakaki¹, A. Kavvadia¹, K. Tsinidou¹, E. Berdousis¹, N. Dimou² & C. J. Oulis¹
¹Paediatric Dentistry, School of Health Sciences, Faculty of Dentistry, Athens, Greece, ²Computer Sciences and Biomedical Informatics, University of Thessaly, Thessaly, Greece
- 1610 PR04.15 Temporomandibular disorders (TMD) in children: postural alterations as a risk factor**
S. Cortese, A. Mondello, R. Galarza, D. Fridman & A. Biondi
Pediatric Dentistry, School of Dentistry, University of Buenos Aires, Buenos Aires, Argentina
- 1615 PR04.16 Occurrence of variations in morphology of frenum among children of different racial groups**
N. Ghimire
Pedodontics and Preventive Dentistry, Kathmandu University School of Medical Sciences, Kavre, Dhulikhel, Nepal
- 1620 PR04.17 Association of temporomandibular dysfunction signs and the different types of malocclusions in children (6 - 13 years old)**
G. Ruiz Mirón, M. M. Gonzalez Fonseca, J. M. Guizar Mendoza & I. D. Moreno Velasco
Paediatric Dentistry, De La Salle Bajo University, Faculty of Odontology, Leon, Mexico
- 1625 PR04.18 Prevalence and correlates of halitosis among adolescents in Debrecen, Hungary**
J. A. Nemes¹, Z. Papp¹, N. Rácz¹, G. Kovalecz¹, J. Máth² & M. Alberth¹
¹Faculty of Dentistry, University of Debrecen, Debrecen, Hungary, ²Institute of Psychology, University of Debrecen, Debrecen, Hungary
- 1630 PR04.19 Prevalence and associated factors of molar incisor hypomineralisation among schoolchildren in Debrecen, Hungary**
G. Kovalecz¹, J. A. Nemes¹, J. Máth² & M. Alberth¹
¹Faculty of Dentistry, University of Debrecen, Debrecen, Hungary, ²Institute of Psychology, University of Debrecen, Debrecen, Hungary
- 1635 PR04.20 Oral conditions in extremely low birth weight children**
M. Alberth¹, K. Lampé¹, G. Kovalecz¹, J. Máth² & J. A. Nemes¹
¹Faculty of Dentistry, University of Debrecen, Debrecen, Hungary, ²Institute of Psychology, University of Debrecen, Debrecen, Hungary
- 1640 PR04.21 The relationship between childhood oral habits, dental abnormalities and articulation disorders**
N. Rácz¹, B. Baksa¹, I. Pongrácz¹, J. Máth² & M. Alberth¹
¹Faculty of Dentistry, University of Debrecen, Debrecen, Hungary, ²Institute of Psychology, University of Debrecen, Debrecen, Hungary
- 1645 PR04.22 Childsmile National data linkage birth cohort: Scotland 2003-2012**
J. B. R. Kidd, D. I. Conway, A. Sherriff, F. Hodgins, L. M. D. Macpherson & A. D. McMahon
Community Oral Health, Dental School, College of MVLS, University of Glasgow, Glasgow, United Kingdom
- 1650 PR04.23 Mother's immigrant status as indicator for caries among 5-, 7-, 12- and 15-year old children in Denmark: a study based on data from 2006 and 2013**
L. B. Christensen¹, K. Rosing^{1,2} & A. Sundby²
¹University of Copenhagen, Copenhagen, Denmark, ²The Child and Youth Oral Health Services of Copenhagen, Copenhagen, Denmark
- 1655 PR04.24 Dental caries prevalence using icdas scores - a call for proper diagnosis**
O. O. Denloye¹, O. Alade² & B. Popoola¹
¹Child Oral Health, University of Ibadan, Ibadan, Nigeria, ²Periodontology and Community Dentistry, University College Hospital, Ibadan, Nigeria
- 1600 PR04.25 The perception and practices of nomadic women in a rural community in South Western Nigeria to their children's oral health**
O. Bankole¹, F. Lawal² & A. Balogun³
¹Child Oral Health, University of Ibadan, Ibadan, Nigeria, ²Periodontology and Community Dentistry, University of Ibadan, Ibadan, Nigeria, ³General Dental Practice, University College Hospital, Ibadan, Nigeria
- 1605 PR04.26 Association between overweight and caries experience among children 5 to 8 years old**
F. C. Soares^{1,2}, R. A. Lima³, M. V. G. Barros⁴, G. Dahlöf¹ & V. Colares²
¹Department of Dental Medicine, Karolinska Institute, Stockholm, Sweden, ²Department of Pediatric Dentistry, University of Pernambuco, Recife, Brazil, ³Center for Research in Childhood Health, University of Southern Denmark, Odense, Denmark, ⁴Department of Physical Education, University of Pernambuco, Recife, Brazil
- 1610 PR04.27 Prevalence and characteristics of supernumerary teeth in Japanese children and the influences on permanent dentition**
H. HOMMA, M. MIYASHIMA, N. NAGAI, A. TASHIRO, A. SAKURAI & S. SHINTANI
Department of Pediatric Dentistry, Tokyo Dental College, Tokyo, Japan
- 1615 PR04.28 Factors influencing prevalence of caries in a Chilean preschool population: econometric analysis**
R. A. Palacio^{1,2}, C. R. Vernazza^{1,2}, J. Shen², J. G. Steele^{1,2} & L. Vale²
¹School of Dental Sciences, Newcastle University, Newcastle Upon Tyne, United Kingdom, ²Institute of Health and Society, Newcastle University, Newcastle Upon Tyne, United Kingdom
- 1620 PR04.29 Challenges for the management of paediatric dental emergencies in major metropolitan urban area: Paris**
M. Nasseripour^{1,2} & J. Azerad^{2,3}
¹University Paris 5, Paris, France, ²Odontology, Hôpital La Pitié Salpêtrière, Paris, France, ³University Paris 7, Paris, France

- 1625 PR04.30 Regional disparities and resources used in dental health care among children in China**
X. Qu¹, S. Houser², J. Zou³ & X. Zhou¹
¹State Key Laboratory of Oral Diseases, West China Hospital of Stomatology, Sichuan University, Chengdu, China, ²School of Health Professions, University of Alabama at Birmingham, Birmingham, AL, United States, ³Pediatric Dental Department, State Key Laboratory of Oral Diseases, West China Hospital of Stomatology, Sichuan University, Chengdu, China
- 1630 PR04.31 Prevalence survey of dental trauma to schoolchildren in Xi'an China**
R. Teng & Q. Guo
 Stomatology Hospital of Xi'an Jiaotong University, Xi'an, China
- 1635 PR04.32 Caries experience of 12 year-old Greek children using ICDAS II criteria. A national pathfinder survey**
O. Panagopoulou¹, K. Kavvadia¹, K. Tsinidou¹, E. Berdousis¹, N. Dimou² & C. Oulis¹
¹Department of Paediatric Dentistry, School of Health Sciences, Faculty of Dentistry, University of Athens, Athens, Greece, ²Department of Computer Science and Biomedical Informatics, University of Thessaly, Thessaly, Greece
- 1640 PR04.33 Overretained primary teeth in children attending the paediatric dentistry clinic - Bucharest, Romania**
R. Luca¹, A. Munteanu¹, A. M. Bratu², C. Farcasiu¹ & T. Farcasiu³
¹Paediatric Dentistry, Carol Davila University, Bucharest, Romania, ²Orthodontics, Carol Davila University, Bucharest, Romania, ³Prosthetics, Carol Davila University, Bucharest, Romania
- 1645 PR04.34 Academic performance and athletic activities of Greek schoolchildren with cleft/lip palate: pilot study**
G. Vagdoti¹, R. Pitrou², M. Nasika³ & S. Gizani²
¹Department of Pediatric Dentistry and Orthodontics, University of Athens, Athens, Greece, ²Department of Pediatric Dentistry, University of Athens, Athens, Greece, ³Department of Orthodontics, University of Athens, Athens, Greece
- 1650 PR04.35 Assessing the prevalence of early childhood caries and the associated determinants in children: a cross sectional study in Egypt**
R. K. Abou El Fadl¹, T. A. El Mokadem², M. A. Abdel Fattah² & M. E. Allam³
¹Pediatric Dentistry & Dental Public Health Department, Faculty of Dentistry, Ain Shams University, Cairo, Egypt, ²Dental & Oral Health Department, Ministry of Health and Population, Cairo, Egypt, ³Misr International University, Cairo, Egypt
- 1655 PR04.36 Prevalence of white spot lesions of teeth in Gifu, Japan**
T. Okano, N. Wakamatsu, S. Kuwabara, M. Ito, M. Iinuma & Y. Tamura
 Department of Pediatric Dentistry, Division of Oral Structure, Function and Development, Asahi University School of Dentistry, Mizuho, Japan
- 1700 PR04.37 Socioeconomic status and oral conditions related to quality of life**
F. D. D. S. Frota¹, M. B. D. Gavião¹ & H. Laurence²
¹Paediatric Dentistry, UNICAMP, Piracicaba, Brazil, ²Epidemiological, UoFT, Toronto, ON, Canada
- 1705 PR04.38 Relevance of motor function and oral function in childhood: efficiency of the mouth rinsing function test**
T. Asami¹, A. Ishizaki¹, H. Kwon¹, K. Murakami¹, A. Tanaka² & S. Hironaka¹
¹Department of Special Needs Dentistry, Division of Hygiene and Oral Health, Showa University, Tokyo, Japan, ²Tanaka Dental Clinic, Ibaraki, Japan
- 1600 PR04.39 Relevance of motor function and oral function in childhood: eating behavior and general development**
A. Ogawa¹, A. Ishizaki¹, H. Kwon¹, D. Takagi¹, A. Tanaka² & S. Hironaka¹
¹Department of Special Needs Dentistry, Division of Hygiene and Oral Health, Showa University, Tokyo, Japan, ²Tanaka Dental Clinic, Ibaraki, Japan
- 1605 PR04.40 Dental health of 1 to 3-year old children in a large city in northern Poland**
E. Nadolska-Gazda & K. Emerich
 Department of Paediatric Dentistry, Medical University of Gdańsk, Gdańsk, Poland
- 1610 PR04.41 Relevance of motor function and oral function in childhood: association between occlusal force and triceps surae muscle thickness**
K. Fujii¹, S. Hironaka¹, K. Ishikawa¹, A. Utsumi¹, L. Osakabe¹ & A. Tanaka²
¹Department of Special Needs Dentistry, Division of Hygiene and Oral Health, Showa University, Tokyo, Japan, ²Tanaka Dental Clinic, Ibaraki, Japan
- 1615 PR04.42 Mothers related risk factors of ECC in very low birth weight children**
R. Koberova Ivancakova¹, J. Zemankova², Z. Janovska³, V. Merglova⁴ & Z. Broukal⁵
¹Paediatric Dentistry, Faculty of Medicine and University Hospital, Charles University Prague, Hradec Kralove, Czech Republic, ²Paediatrics, Faculty of Medicine and University Hospital, Charles University Prague, Hradec Kralove, Czech Republic, ³Dentistry, Faculty of Medicine and University Hospital, Charles University Prague, Hradec Kralove, Czech Republic, ⁴Paediatric Dentistry, Faculty of Medicine Pilsen, Charles University Prague, Hradec Kralove, Czech Republic, ⁵Dentistry, Faculty of Medicine Prague, Charles University Prague, Hradec Kralove, Czech Republic
- 1620 PR04.43 Caries experience in children with cleft lip and palate in Latvia**
K. Krasone, R. Care & I. Akota
 Riga Stradins University, Institute of Stomatology, Riga, Latvia
- 1625 PR04.44 Analysis of caries status among 5-year old children in Shanghai from 2008 to 2011**
C. R. Li
 Shanghai Municipal Hospital of Oral Health, Shanghai, China
- 1630 PR04.45 Maternal active smoking and its risk of oral clefts: a meta-analysis**
L. Renkai, Z. Xuan, P. Yiran & L. Chenghao
 West China School of Stomatology, Sichuan University, Chengdu, China
- 1635 PR04.46 Incidence and risk factors of traumatic dental injury in preschool: a prospective longitudinal study**
S. M. Paiva¹, P. Corrêa-Faria¹, M. L. Ramos-Jorge² & I. A. Pordeus¹
¹Federal University of Minas Gerais, Belo Horizonte, Brazil, ²Federal University of Jequitinhonha and Mucuri Valleys, Diamantina, Brazil
- 1640 PR04.47 Oral and dental health status of children with chronic renal failure (CRF)**
S. A. Moussa¹ & S. Y. Al-Bauomy²
¹Dental Department, Primary Health Care Cooperation, Doha, Qatar, ²Pediatric Dentistry and Oral Public Health, Al Azhar University, Cairo, Egypt
- 1645 PR04.48 Oral health of children with Down syndrome in Bosnia and Herzegovina**
H. Jurić¹, S. Porović², S. Mesihović-Dinarević³ & S. Jurišić⁴
¹Department of Preventive and Paediatric Dentistry, School of Dental Medicine, University of Zagreb, Zagreb, Croatia, ²Paediatric Dental Department, Public Health Centre of Sarajevo Canton, Sarajevo, Bosnia and Herzegovina, ³Paediatric Clinic, University Clinical Centre Sarajevo, Sarajevo, Bosnia and Herzegovina, ⁴Department of Periodontology, Dental Polyclinic Jurišić, Mostar, Bosnia and Herzegovina

1650 PR04.49 Parent's knowledge and attitude towards the importance of primary teeth

S. A. Haidary¹ & A. Salaah²

¹Dentistry, Ajman University of Technology and Science, Dubai, United Arab Emirates,

²Dentistry, Ajman University of Technology and Science, Ajman, United Arab Emirates

1655 PR04.50 Pattern and prevalence of retained primary teeth at the paediatric dental clinic of the University College Hospital, Ibadan, Nigeria

O. I. Iyem¹, O. M. Olanloye², O. Ayebameru² & O. Popoola²

¹Maxillofacial Unit, Ring Road State Hospital, Ibadan, Nigeria, ²Child Oral Health, University College Hospital, Ibadan, Ibadan, Nigeria

1600 PR04.51 Impact of indigenous tooth cleaning and normal tooth brushing habits on caries experience in children

S. Pachava

Public Health Dentistry, Sibar Institute of Dental Sciences, Guntur, India

1605 PR04.52 Differentiated approach to preventive dentistry programs in children with special needs

Y. V. Pakhomova¹ & O. G. Avraamova²

¹Pediatric Dentistry, Central Research Institute of Dentistry and Maxillofacial Surgery, Moscow, Russian Federation,

²Preventive Dental Care, Central Research Institute of Dentistry and Maxillofacial Surgery, Moscow, Russian Federation

1610 PR04.53 Dental caries in school children at two different Libyan setting: the effects of fluoride level

O. H. Rhouma & A. M. Nasr

Zawia Dental School, University of Zawia, Zawia, Libyan Arab Jamahiriya

1615 PR04.54 The dentition status and treatment needs among children with developmental delay

Y. C. Yeh¹, H. Y. Liu², R. S. Tang²,

S. Y. Hsiao³ & S. T. Huang^{1,3}

¹Department of Oral Hygiene, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China, ²School of Dentistry, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, Republic of China, ³Division of Paediatric Dentistry, Department of Dentistry, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, Republic of China

1620 PR04.55 Caries experience of 5 year-old Greek children using ICDAS II criteria. A national pathfinder survey

K. Kavvadia¹, C. Reppa¹, K. Tsiniidou¹, E. Berdousis¹, N. Demou² & C. Oulis¹

¹Pediatric Dentistry Department, University of Athens, Dental School, Goudi, Athens, Greece, ²Department of Computer Science and Biomedical Informatics, University of Thessaly, Larissa, Greece

1625 PR04.56 To assess the level of parent's satisfaction in a dental setting

V. Gaurav

Paedodontics and Preventive Dentistry, Seema Dental College and Hospital, Dehradun, India

1630 PR04.57 Evaluation of oral health status, practices and treatment needs of children attending special schools

S. N. Ambati & R. Muppa

Department of Pedodontics & Preventive Dentistry, Panineeya Institute of Dental Sciences and Research Center, Hyderabad, India

1635 PR04.58 Molar incisor hypomineralisation: 3-year follow-up of filling status in permanent first molars

P. Wogelius¹ & D. Haubek²

¹Aalborg Municipal Dental Service, Aalborg, Denmark, ²Department of Dentistry, Section for Pediatric Dentistry, Health, Aarhus University, Aarhus, Denmark

1640 PR04.59 Epidemiological study of extrinsic stain and early childhood caries

S. Ankita, M. S. Muthu, A. Jean & B. Murugan

Department of Pedodontics and Preventive Dentistry, Faculty of Dental Sciences, Sri Ramachandra University, Chennai, India

1645 PR04.60 Traumatic dental injuries among 3 to 17 year old school children

U. A. Nayak¹ & V. Khandelwal²

¹Pedodontics & Preventive Dentistry, NIMS Dental College, NIMS University, Jaipur, India, ²Pedodontics & Preventive Dentistry, Sri Aurobindo College of Dentistry, Indore, India

1650 PR04.62 Children with severe caries may have toothache and need for dental procedures

A. Daher, H. S. G. Rodrigues,

G. C. M. Machado, A. P. Mundim,

P. S. S. Costa & L. R. Costa

Federal University of Goias, Goiania, Brazil

1600 PR04.63 Indicators of dental morbidity of children in ecologically unfavorable region of Kazakhstan

G. Yermukhanova¹, R. Nurly² & M. Kuat³

¹Pediatric Dentistry, Kazakh National Medical University after S. Asfendiyarov, Almaty, Kazakhstan, ²Stomatologic Faculty, Kazakh National Medical University after S. Asfendiyarov, Almaty, Kazakhstan, ³Mangistau Stomatologic Center, Aktau, Kazakhstan

1605 PR04.64 Adding xylitol to milk as a pediatric caries prevention strategy: factors associated with caries in a school-based randomized clinical trial in Peru

A.R. Cabrera Matta¹, D. L. Chi²,

G. Zagarra³, E. C. Vasquez⁴,

M. C. Roberts² & L. Mancí²

¹Academic Department of Dentistry for Children and Adolescents, Universidad Peruana Cayetano Heredia, Lima, Peru, ²University of Washington, Seattle, WA, United States, ³Universidad Alas Peruanas, Arequipa, Peru, ⁴Universidad Católica de Santa María, Arequipa, Peru

1610 PR04.65 Salivary flow and pH in pediatrics with Down syndrome

F. M. Enriquez Rivera, A. L. Pinzón Te, M. E. Rejón Peraza & F. J. Aguilar Ayala
Maestría en Odontología Infantil, Universidad Autónoma de Yucatán, Mérida, Mexico

1615 PR04.66 The prevalence of childhood dental fear and dental caries in northern Greece

V. Boka^{1,2}, K. Arapostathis¹, N. Kotsanos¹, V. Karagiannis¹, J. Veerkamp² & C. Van Loveren²

¹Aristotle University of Thessaloniki, Thessaloniki, Greece, ²ACTA, Amsterdam, Netherlands

1620 PR04.67 Oral health status of preschool Greek children with neurodevelopmental disorders. A preliminary study

A. Agouropoulos, K. Tzouanaki & L. Papagiannoulis

Department of Paediatric Dentistry, University of Athens, School of Dentistry, Athens, Greece

Friday 3rd July, 1130 hoursNuSmile Restorative
Case Report Poster Prize**1130 PZ04.01 A novel approach for building-up ankylosed primary molars in cases of missing permanent premolars. A case report**

K. Chatzidimitriou, N. N. Lygidakis & N. A. Lygidakis
Private Paediatric Dental Clinic, Athens, Greece

1135 PZ04.02 Sonic vibration device to accelerate glass ionomer cement setting in ART technique: a case report

L. Yoshioka, T. K. Tedesco, A. F. B. Calvo & D. P. Raggio
Department of Orthodontics and Pediatric Dentistry, School of Dentistry, University of Sao Paulo, Sao Paulo, Brazil

1140 PZ04.03 Dental management of a patient with tricho-dento-osseous (TDO) syndrome: a case report

S. Ntaoutidou¹, A. Argiropoulou¹, K. Arapostathis¹, E. Kotsiomi² & N. Kotsanos¹
¹Paediatric Dentistry, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²Prosthodontics Department, Aristotle University of Thessaloniki, Thessaloniki, Greece

NuSmile Restorative Dentistry
Research Award**1145 PZ04.04 Decellularisation of dental pulp for use as a scaffold in regenerative endodontics**

M. Matoug-Elwerfelli¹, H. Nazzal², J. Graham³, M. Duggal² & E. M. Raif¹
¹Department of Oral Biology, University of Leeds, Leeds, United Kingdom, ²Paediatric Dentistry, University of Leeds, Leeds, United Kingdom, ³Department of Histopathology, St James University Hospital, University of Leeds, Leeds, United Kingdom

1150 PZ04.05 Bonding performance of a self-adhering flowable composite-resin to different deciduous surfaces

F. K. Abdel Gawad¹, M. A. Rashed¹, R. M. Abdelraouf² & M. A. Mohammed³
¹Pediatric Dentistry and Dental Public Health, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt, ²Biomaterial, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt, ³Pediatric and Community Dentistry, Faculty of Oral and Dental Medicine, October 6 University, Giza, Egypt

1155 PZ04.06 Detection of noncavitated occlusal caries with a novel impedance spectroscopy

S. Adiguzel, B. Kargul, S. Peker & F. Yanikoglu
Marmara University, School of Dentistry, Istanbul, Turkey

1200 PZ04.07 Shear bond strength of two novel dentin replacement materials and glass ionomer cement bonded to two resin composites

W. R. Choudhury & N. Sridhar
Department of Pedodontics & Preventive Dentistry, Manipal College of Dental Sciences, Manipal University, Manipal, India

Jens Andreasen Poster Research Prize

1130 PZ05.02 Combined surgical and restorative management of invasive cervical resorption: a case report

B. Ozgur, & Z. C. Cehreli
Paediatric Department, Hacettepe University Faculty of Dentistry, Ankara, Turkey

1135 PZ05.03 Multidisciplinary management of a late-referred root fracture

C. Ozsin Ozler¹, M. Akkocaoglu² & Z. Cehreli¹
¹Department of Paediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey, ²Department of Oral Maxillofacial Surgery, Hacettepe University Faculty of Dentistry, Ankara, Turkey

1140 PZ05.04 Clinical evaluation of composite restorations of traumatized anterior teeth in children: a four-year prospective longitudinal study

C. Sakkas¹, L. Khomenko², N. Bidenko² & I. Trachuk³
¹Private Paediatric Dental Practice, Nicosia, Cyprus, ²Paediatric and Preventive Dentistry, Bogomolets National Medical University, Kiev, Ukraine, ³Private General Dental Practice, Nicosia, Cyprus

1145 PZ05.05 A clinical audit of avulsion injuries to permanent dentition at School Dental Service, Health Promotion Board

C. K. J. Lee¹, S. K. X. Chua¹, L. Y. H. Lee¹, A. X. E. Lim¹, W. Lim² & H. J. Tong^{1,2}
¹Faculty of Dentistry, National University of Singapore, Singapore, Singapore, ²School Dental Service, Health Promotion Board, Singapore, Singapore

1150 PZ05.06 Multidisciplinary treatment approach in a complicated crown-root fracture

G. Erbas Unverdi & C. H. Gungor
Pediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey

1155 PZ05.07 A prospective clinical study of regenerative endodontic treatment of traumatised non-vital immature teeth

H. Nazzal¹, K. Kenny², J. Kang³ & M. S. Duggal²
¹Paediatric Dentistry, University of Leeds, Leeds, United Kingdom, ²University of Leeds, Leeds, United Kingdom, ³Oral Biology, University of Leeds, Leeds, United Kingdom

1200 PZ05.08 A case of invasion of alveolar bone into the root canal of an avulsed and replanted permanent incisor

H. Al-Bahar & M. Duggal
Department of Paediatric Dentistry, University of Leeds, Leeds, United Kingdom

1205 PZ05.09 Clinical outcomes and survival rates of transplanted permanent teeth in children

J. Diaz, C. Zaror & J. Alejandra
Paediatric Dentistry & Orthodontic Department, Universidad de La Frontera, Temuco, Chile

1210 PZ05.10 Development of a core outcome set for traumatic dental injuries

K. P. Kenny¹, M. O. Sharif², P. F. Day¹
¹Department of Paediatric Dentistry, School of Dentistry, University of Leeds, Leeds, United Kingdom, ²Department of Orthodontics, Eastman Dental Institute, London, United Kingdom

1215 PZ05.11 Cone beam computed tomography assisted management of intruded maxillary primary incisors

M. S. Muthu^{1,2}, L. Sunderrajan², C. Thamotharampillai², F. J. Mohammed²
¹Department of Pediatric Dentistry, Faculty of Dental Sciences, Sri Ramachandra University, Chennai, India, ²Pedo Planet, Pediatric Dental Centre, Chennai, India

1220 PZ05.12 Tales of a tooth monster

N. Tewari, N. Singh, S. Singh & S. Gupta
Pedodontics and Preventive Dentistry, BABU Banarasi Das College of Dental Sciences, BBD University, Lucknow, India

1225 PZ05.13 Management of crown-root-fractured permanent incisors by multidisciplinary approaches: a case series

L. Wun, R. Fang, S. Li, L. Gao, J. Li & X. Wang
School of Stomatology, Fourth Military Medical University, Xi'an, China

1230 PZ05.14 Legal aspect updates in traumatology: an Italian overview

S. Bernardi¹, S. Caruso¹, L. Di Fabio¹, M. A. Continenza¹, R. Gatto¹ & R. Docimo²
¹Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila, Italy, ²Department of Experimental Medicine and Surgery, University of Rome 'Tor Vergata', Rome, Italy

1235 PZ05.15 Intentional implantation with 180 degrees rotation of complicated crown-root fractured incisor in an anxious child: a case report
S. Gallagher & P. Fleming
Dental Department, Our Lady's Children's Hospital, Crumlin, Dublin, Ireland

1240 PZ05.16 Conservative management of severely intruded permanent central incisors in an 8 year old patient
T. Percival & J. D. Edwards
Paediatric Department, Child Dental Health Unit, School of Dentistry, University of the West Indies, Champs Fleurs, Trinidad and Tobago

Dento-alveolar trauma

1130 PR05.01 Intrusive and lateral luxation injuries to maxillary incisors: a rare combination of dental traumatic injury
B. D. Trivedi
Pediatric and Preventive Dentistry, College of Dental Science and Research Centre, Bopal, Ahmadabad, Surat, India

1135 PR05.02 An audit of post-operative record keeping following tooth auto-transplantation Leeds Dental Institute, Clarendon Way, Leeds, LS2 9LU
S. Duggal, S. Habibpour, S. Barry, J. Barber & M. Spencer
Paediatric Department, Leeds University, Leeds, United Kingdom

1140 PR05.03 Management of horizontal root fracture associated with complicated crown fracture using MTA
A.N. Katre
Department of Pediatric and Preventive Dentistry, YMT Dental College & Hospital, Navi Mumbai, India

1145 PR05.04 Simple and effective protection against dental trauma with new generation polyolefin material mouthguards
U. Tiwari¹, N. Grewal² & F. Kumari²
¹Photonics, Central Scientific Instruments Organization, Chandigarh, India,
²Pedodontics & Preventive Dentistry, Government Dental College, Amritsar, India

1150 PR05.05 Polish family doctors' knowledge concerning first-aid after dental injuries
K. Emerich
Department of Paediatric Dentistry, Medical University of Gdansk, Gdansk, Poland

1155 PR05.06 Healing of horizontal root fracture: a case report with 7 years follow-up
H. W. Chen¹, K. Y. Chu¹, G. F. Huang^{1,2} & M. K. Guo^{1,2}
¹National Taiwan University Hospital, Taipei, Taiwan, Republic of China, ²National Taiwan University, Taipei, Taiwan, Republic of China

1200 PR05.07 Traumatic crown-root fractures in multiple primary molars: a case report
E. P. Syrrakou, V. Liotou, G. Vadiakas & L. Papagiannoulis
Department of Paediatric Dentistry, School of Dentistry, University of Athens, Athens, Greece

1205 PR05.08 Effect of different storage media on re-attachment of incisal fragment: laboratory study
A. A. El-Gammal, A. M. Abdellatif & I. H. El-Kalla
Pediatric Dentistry, Mansoura University, Mansoura, Egypt

1210 PR05.09 Management of dental trauma at two Yorkshire based hospitals - a survey of staff in A&E and OMFS SHOs
A. Gallacher¹, H. Atkins² & S. Nayar³
¹Restorative, Leeds Dental Institute, Leeds, United Kingdom, ²Hessle Grange Dental Practice, Hull, United Kingdom, ³Institute for Reconstructive Sciences in Medicine, Edmonton, AB, Canada

1215 PR05.10 Management of severe extrusive luxation injury involving segmental cortical bone fracture: 24-month follow-up
E. Atao & Z. C. Çehreli
Paediatric Dentistry, Hacettepe University, Ankara, Turkey

1220 PR05.11 Clinical assessment of dental trauma: ensuring completeness to allow proper diagnosis
N. Donaldson & P. Harris
Oral Surgery Department, Birmingham Dental Hospital, Birmingham, United Kingdom

1225 PR05.12 The importance of long-term planning in the management of the tooth with a hopeless prognosis in the developing dentition
S. Barry & S. E. Griffiths
Paediatric Department, University Dental Hospital Manchester, Manchester, United Kingdom

1230 PR05.13 A case demonstrating Hertwig's root sheath separation and root dilaceration of atypical aetiology
A.R. Mckay & S. Albadri
Liverpool University Dental Hospital, Liverpool, United Kingdom

1235 PR05.14 Audit of record keeping for trauma cases affecting the permanent dentition in the paediatric patient
C. M. Seeballuck¹, E. Mackessack-Leitch¹, A. J. Keightley² & K. Blain¹
¹Paediatric Dentistry, Dundee Dental Hospital, Dundee, United Kingdom,
²Dundee Dental Hospital and School, University of Dundee, Dundee, United Kingdom

1240 PR05.15 Delayed replantation of avulsed incisors: inflammatory & replacement root resorption - a clinical review after 2 years follow up
S. Hasanuddin & J. S. Reddy
Department of Pedodontia, Government Dental College & Hospital, Hyderabad, India

1245 PR05.16 Dental trauma treatment: bio-functional esthetic appliance after an early loss of primary teeth
B. L. Moreno¹, H. A. Ramirez¹, R. M. Valencia², M. E. Garcia¹ & E. E. Rangel¹
¹Pediatric Dentistry, UANL Universidad Autonoma de Nuevo Leon, Monterrey, Mexico, ²Pediatric Dentistry, UNITEC, Distrito Federal, Mexico

1250 PR05.17 Intrusive luxation in primary teeth: tooth located in the base of nostril post intrusive dislocation of primary tooth
E. G. Gonzalez Mallea¹, C. Vergara¹ & M. Campodonico²
¹Odontopediatria, Universidad Mayor, Santiago, Chile, ²Sociedad Chilena de Odontopediatria, Santiago, Chile

1255 PR05.18 Management of inflammatory root resorption using biodentine as root filling: 1-year follow-up
E. Arslan¹ & Z. Cehrelli²
¹Paediatric Dentistry, Hacettepe University, Ankara, Turkey, ²Paediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey

1130 PR05.19 Traumatic dental injuries in children attending to Yeditepe University Pediatric Dental Clinic, Istanbul
S. Guner, H. Fellagh, S. Selvi Kuvvetli & N. Sandalli
Department of Pediatric Dentistry, Yeditepe University Faculty of Dentistry, Istanbul, Turkey

1135 PR05.20 Management of a late-presenting extrusive luxation case
S. Koprulu¹ & H. C. Gungor²
¹Pediatric Dentistry, Hacettepe University, Ankara, Turkey, ²Pediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey

1140 PR05.21 Conservative approach of a complex dental and mandibular trauma in a 11-years old boy
A. Vinereanu, D. C. Constantinescu, D. Popescu & D. Petrovski
Carol Davila University, Bucharest, Romania

1145 PR05.22 Conservative approach to intruded immature permanent teeth: a case report
C. Uzun & H. C. Gungor
Paediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey

- 1150 PR05.23 Orthodontic and prosthodontic approach to a 12 year-old-girl with traffic accident history**
A. Misztalewska-Gozubuyuk, M. Uluakay & A. Mentis
Pediatric Dentistry, Marmara University, School of Dentistry, Istanbul, Turkey
- 1155 PR05.24 Case report: enamel hypoplasia on mandibular permanent central incisors by the trauma of primary teeth**
M. Arakaki, A. Yamada, K. Saito, Y. Sugawara, R. Hino & S. Fukumoto
Division of Pediatric Dentistry, Department of Oral Health and Development Sciences, Tohoku University Graduate School of Dentistry, Sendai, Japan
- 1200 PR05.25 Treatment of eruption disturbance of permanent successor after trauma to primary tooth: 2 cases reports**
N. Ikematsu-Ito, K. Sawamoto, R. Shimada, T. Ito & T. Shimizu
Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan
- 1205 PR05.26 Management of root fracture in primary dentition**
M. Sener, M. Tekcicek & G. Unverdi
Pediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey
- 1210 PR05.27 Reposition of a maxillary central incisor due to extrusive luxation**
E. Gül Aydın & N. Özalp
Paediatric Dentistry, Ankara University Faculty of Dentistry, Ankara, Turkey
- 1215 PR05.28 A case of eight years follow up of avulsed permanent central incisors**
C. Y. Huang, M. H. Sheen, S. T. Huang, H. S. Chen & S. Y. Hsiao
Dentistry, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, Republic of China
- 1220 PR05.29 Management of severely extruded permanent central incisors**
E. Ballikaya, G. Erbas Unverdi & C. H. Gungör
Pediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey
- 1225 PR05.30 Etiology and prevalence of dental trauma in north Brazilian preschool childrens**
A. J. Nogueira¹, R. M. Nogueira¹, D. B. Correa² & M. C. Martins²
¹Pedodontic, Federal University of Pará, Belém, Brazil, ²Superior School of Amazonia, Belém, Brazil
- 1230 PR05.31 Expression of inflammatory cytokines and MMPs on the periodontal tissue of replanted rat teeth**
S. C. Choi¹, H. J. Ahn¹, H. S. Lee¹, J. E. You^{1,2}, G. T. Kim³
¹Department of Pediatric Dentistry, Kyung Hee University, School of Dentistry, Seoul, Korea, Republic of, ²Seoul Children's Dental Center, Seoul, Korea, Republic of, ³Department of Oral and Maxillofacial Radiology, Kyung Hee University, School of Dentistry, Seoul, Korea, Republic of
- 1235 PR05.32 Post-operative treatment of severe maxillary deficiency due to trauma on a 7 year old child: a case report**
L. Papagiannoulis¹, N. Polychronakis², M. Sifakaki¹, D. Emmanouil¹, N. Theologie-Lygidakis³ & I. Iatrou³
¹Department of Paediatric Dentistry, University of Athens, Athens, Greece, ²Department of Prosthodontics, University of Athens, Athens, Greece, ³Department of Oral and Maxillofacial Surgery, University of Athens, Athens, Greece
- 1240 PR05.33 Management of luxation injury and associated impacted mesiodens - a case report with 24 months follow up**
P. Kinay & A. Ölmez
Department of Paediatric Dentistry, Gazi University, Ankara, Turkey
- 1245 PR05.34 Management of intrusive luxation maxillary incisor by surgical repositioning: a case report**
A. Coskun & T. Ullusu
Gazi University, Ankara, Turkey
- 1250 PR05.35 Intrusive luxation of primary incisors: a retrospective clinical study**
W. C. Cho¹, Y. K. Han¹, D. Kim², K. C. Kim¹ & S. C. Choi¹
¹Department of Pediatric Dentistry, Kyung Hee University, School of Dentistry, Seoul, Korea, Republic of, ²Center for Disability and Oral Health, Dankook University, Jukjeon Dental Hospital, Kyeonggi-do, Korea, Republic of
- 1255 PR05.36 Posterior crown fractures due to trauma in both dentitions**
H. M. Görcek & A. Alaçam
Department of Pediatric Dentistry, Gazi University Faculty of Dentistry, Ankara, Turkey
- 1130 PR05.37 Vitacem mineral trioxide aggregate (MTA): a new option for regeneration in odontopediatric pulp treatment**
R. A. R. Figueroa Banda
Arequipa - Peru, Universidad Catolica de Santa Maria, Arequipa, Peru
- 1135 PR05.38 Prevalence and awareness of sports related dental trauma amongst children in New Delhi**
M. Goswami
Pedodontics and Preventive Dentistry, Maulana Azad Institute of Dental Sciences, New Delhi, India
- 1140 PR05.40 Demographics, management and long term outcomes for a group of children experiencing permanent tooth avulsions at Glasgow Dental Hospital and School**
B. McGowan¹, R. Whitelaw¹, A. McCann¹ & A. Cairns²
¹Undergraduate, University of Glasgow, Glasgow, United Kingdom, ²Department of Paediatric Dentistry, University of Glasgow, Glasgow, United Kingdom
- 1145 PR05.41 Auto-extraction of permanent incisors and self-inflicted orodental trauma in a severely burned child**
G. Doğusul, S. Keleş & I. Sönmez
Department of Pedodontics, Adnan Menderes University, Aydın, Turkey
- 1150 PR05.42 Management of Fractured maxilla due to dog bite in a 5 year child**
J. Chandra¹, V. S. Bhat² & S. S. Bhat³
¹Oral and Maxillofacial Surgery, Yenepoya University, Mangaluru, India, ²Prosthodontics, Yenepoya University, Mangaluru, India, ³Pedodontics, Yenepoya University, Mangaluru, India
- 1155 PR05.43 Esthetic reconstruction of avulsed incisor**
M. Toma¹, A. Tatu² & C. Mihai³
¹Pediatric Dentistry, University of Medicine and Pharmacy 'Carol Davila' Bucharest, Bucharest, Romania, ²Dent Estet, Timisoara, Romania, ³Dent Estet, Bucharest, Romania
- 1200 PR05.44 Dentofacial injuries in children and adolescents in relation to symptoms of disruptive disorders**
I. G. Vasiloudis¹, G. Vadiakas¹, G. Kolaitis^{2,3} & L. Papagiannoulis¹
¹Department of Paediatric Dentistry, School of Dentistry, National and Kapodistrian University of Athens, Athens, Greece, ²Department of Child Psychiatry, Medical School, National and Kapodistrian University of Athens, Athens, Greece, ³'Aghia Sophia' Children's Hospital, National and Kapodistrian University of Athens, Athens, Greece
- 1205 PR05.45 Dental trauma in patients attending at a county hospital emergency room**
C. D. Ione^{1,2} & R. Luca²
¹Paediatric Dentistry; Endodontics, Dunarea de Jos University, Faculty of Medicine and Pharmacy, Galati, Romania, ²Paediatric Dentistry, Carol Davila University, Bucharest, Romania

1210 PR05.46 Evaluation of dental pulp blood flow in immature maxillary incisors with concussion by Laser Doppler Flowmetry

X. Wang & Z. Tian

Department of Pediatric Dentistry, School of Stomatology, The Fourth Military Medical University, Xi'an, China

1215 PR05.48 Interdisciplinary management of a crown-root fracture in a young permanent incisor: a case report

P. A. Pino¹, A. Vera²,

D. Bravo-Cavicholi³ & M. A. Rojas⁴

¹Department of Pediatric Stomatology, University of Talca, Talca, Chile,

²Department of Pediatric Stomatology and Department of Oral Rehabilitation, University of Talca, Talca, Chile,

³Department of Oral Rehabilitation, University of Talca, Talca, Chile,

⁴Department of Stomatology, University of Talca, Talca, Chile

1220 PR05.49 Delayed permanent tooth eruption due to the previous trauma and treatment procedure

S. Korun¹, A. Islam¹, G. Savtekin², Ö. A. Öge¹ & S. Çetiner¹

¹Pediatric Dentistry, Near East University Faculty of Dentistry, Nicosia, Cyprus, ²Oral and Maxillofacial Diseases and Surgery, Near East University Faculty of Dentistry, Nicosia, Cyprus

1225 PR05.50 Revascularization of necrotic, immature permanent tooth: a case report

M. E. Guevara Veloso

Pediatric Dentistry, Clinique Dentaire Ardentis Vevey, Vevey, Switzerland

1230 PR05.51 Multidisciplinary approach in treatment of avulsion of both maxillary central incisors

S. Kadić¹, M. Magdalenic Meštrović² & V. Picek¹

¹Paediatric Dentistry, Dental Polyclinic Zagreb, Zagreb, Croatia, ²Orthodontics, Dental Polyclinic Zagreb, Zagreb, Croatia

1235 PR05.52 Environment of traumatic dental injuries in children and adolescents treated at the University Medical Centre Ljubljana, Slovenia

V. Polansek & R. Kosem

Dept. of Paediatric and Preventive Dentistry, University Medical Centre, Ljubljana, Slovenia

1240 PR05.53 Orthodontic management of traumatically intruded immature upper permanent incisor

N. Jegat¹, A. Chokron² & A. Kamoun²

¹Odontologie Pédiatrique, Paris Descartes University, Montrouge, France, ²Orthodontic, Paris Descartes University, Montrouge, France

1245 PR05.54 The role of paediatric dentists in the management of a complex trauma case

S. E. Dumais Pelletier & D. D. Vu

Paediatric Dentistry, CHU Ste-Justine/University of Montreal, Montreal, QC, Canada

1250 PR05.55 Alveolar trauma with dental replacement and alveolar bone maintenance for dental implant positioning. A case report with a 7 year follow-up

L. R. Arzamendi¹, S. Ayala¹,

H. Gomez-Llanos², J. Alvelais³ & E. Serena¹

¹Odontology, CISALUD UABC, Tijuana, Mexico, ²Odontology, UABC, Tijuana, Mexico, ³Medicine, CISALUD UABC, Tijuana, Mexico

1130 PR05.56 The use of regenerative endodontic technique for an unusual presentation of non-vital immature permanent incisor

W. Almutairi & M. Duggal

Paediatric Dentistry, University of Leeds, Leeds, United Kingdom

1135 PR05.57 Molar incisor hypomineralization: two case reports

L. P. Chen & S. J. Chen

Gung Memorial Hospital, Taipei, Taiwan, Republic of China

1140 PR05.58 Consequences of non-eruption of intruded primary incisors

A. Shmueli Aviv & G. Holan

Pediatric Dentistry, Hebrew University-Hadassah School of Dental Medicine, Jerusalem, Israel

1145 PR05.59 Complete root resorption as a consequence of multiple avulsion

N. Ivančić Jokić¹, D. Bakarčić¹

& R. Gržić²

¹Paediatric Dentistry, School of Medicine, University of Rijeka, Rijeka, Croatia, ²Prosthodontics, School of Medicine, University of Rijeka, Rijeka, Croatia

Orthodontics/craniofacial growth and development

1130 PR06.01 the next big thing in clear aligners therapy

S. Kandil

K Line Europe GmbH, Dortmund, Germany

1135 PR06.02 Association between feeding duration, non-nutritive sucking habits and occlusal characteristics in Chinese children

C. Xiaoxian¹, G. Lihong² & X. Bin²

¹Department of Pediatric Dentistry, First Dental Center, Peking University School and Hospital of Stomatology, Beijing, China, ²Department of Pediatric Dentistry, Peking University School and Hospital of Stomatology, Beijing, China

1140 PR06.04 Management of multiple supplemental mesiodens - a multidisciplinary approach

S. R. Cheruku¹, D. V. Reddy² & L. Buneti³

¹Department of Pedodontics and Preventive Dentistry, Sri Sai College of Dental Surgery, Vikarabad, India,

²Department of Orthodontics, Sri Sai College of Dental Surgery, Vikarabad, India,

³Sri Sai College of Dental Surgery, Vikarabad, India

1145 PR06.05 Management of pre-occlusal tooth eruption with short root

I. Mergen & Z. Cehreli

Paediatric Dentistry, Hacettepe University, Ankara, Turkey

1150 PR06.06 Impact of three different topical agents on enamel demineralization around orthodontic brackets: a clinical study

A. M. Abdellatif¹, S. M. Hammad²

& A. M. Fouda²

¹Pediatric Dentistry, Mansoura University, Mansoura, Egypt, ²Orthodontics, Mansoura University, Mansoura, Egypt

1155 PR06.07 Treatment of adolescent patients with missing permanent teeth and multidisciplinary therapy with implants insertion: 5- year prospective study

T. Dostalova, P. Kriz, J. Papez,

L. Stepanek, A. Polaskova & J. Feberova

Department of Stomatology, Charles University, 2nd Faculty of Medicine and Motol University Hospital, Prague, Czech Republic

1200 PR06.08 Oral communication disorders and oral health status of children in daycare

L. D. B. C. Fontes¹, F. C. D. Freitas²,

A. S. Nascimento³, R. B. Da Silva³,

J. B. Marques⁴ & N. S. De Lima¹

¹Clinica e Odontologia Preventiva, Universidade Federal de Pernambuco, Recife, Brazil, ²Odontologia, Universidade Estadual da Paraíba, Campina Grande, Brazil, ³Faculdade de Odontologia, Universidade de Pernambuco, Camarajibe, Brazil, ⁴Pós Graduação - Mestrado, Universidade Estadual da Paraíba, Campina Grande, Brazil

- 1205 PR06.09 Displaced permanent canines with associated disturbance of primary canines: a case reports with CT and literature review**
M. C. Wang & W. Y. Shih
Taipei Veterans General Hospital, Taipei, Taiwan, Republic of China
- 1210 PR06.10 Three-dimensional assessment of facial soft-tissue modification in children with crossbite before and after early correction**
J. Li, H. Liu, M. Qin, Y. Wang & Y. C. Sun
School and Hospital of Stomatology, Peking University, Beijing, China
- 1215 PR06.11 Development of sucking function of infants with cleft lip and palate**
Y. Sano¹, H. Ogura¹, T. Kondo¹, S. Kondo², H. Nakahara¹ & T. Tamura¹
¹Pediatric Dentistry, Asahi University, Mizuho City, Japan, ²Clinic of Cleft Lip and Palate, Fujita Health University, Toyoake City, Japan
- 1220 PR06.12 Using dental age by estimation chronological age in Czech children aged 3 - 18 years**
K. Ginzelova¹, T. Dostalova¹ & H. Eliasova²
¹Department of Stomatology, Charles University, 2nd Faculty of Medicine and Motol University Hospital, Prague, Czech Republic, ²Institut of Criminalistics Prague, Prague, Czech Republic
- 1225 PR06.13 Maximal interincisal distance in healthy children in Istanbul**
F. Seymen¹, M. Koruyucu² & K. Gencay²
¹Department of Pedodontics, Istanbul University, Istanbul, Turkey, ²Istanbul University, Istanbul, Turkey
- 1230 PR06.14 Assessment of functional therapy influence on facial proportions**
A. Muntean¹, A. Mesaros², C. Costea¹, D. Festila³ & M. Mesaros¹
¹Paediatric Dentistry, University of Medicine and Pharmacy 'I.Hatieganu', Faculty of Dental Medicine, Cluj Napoca, Romania, ²Dental Propaedeutic and Aesthetics Department, University of Medicine and Pharmacy 'I.Hatieganu', Faculty of Dental Medicine, Cluj Napoca, Romania, ³Orthodontics, University of Medicine and Pharmacy 'I.Hatieganu', Faculty of Dental Medicine, Cluj Napoca, Romania
- 1235 PR06.15 3-D image measurements of facial growth in children with thalassaemia**
K. Almukhtar¹, J. Fearne¹ & L. Zou²
¹Centre Oral Growth and Development/ Paediatric Dentistry, Queen Mary University of London/Barts & The London School of Medicine and Dentistry, London, United Kingdom, ²Clinical Oral Biometric, Queen Mary University of London/Barts & The London School of Medicine and Dentistry, London, United Kingdom
- 1240 PR06.16 The management of a patient with fibrodysplasia ossificans progressiva suffering from a dental abscess**
E. E. Fletcher, S. Thillainathan, S. Parekh & G. Abou-Ameira
Maxillofacial and Dental Department, Great Ormond Street Hospital, London, United Kingdom
- 1245 PR06.17 An interesting case of an enormous cervicofacial neurofibroma**
S. Thillainathan, F. Fletcher & U. Devalia
Great Ormond Street Hospital, London, United Kingdom
- 1250 PR06.18 The mouth breathing children, their characteristics and the possible relation with their academic performance**
R. M. Nogueira¹, A. J. Nogueira¹, D. B. Correa² & M. C. Martins²
¹Pedodontic, Federal University of Pará, Belém, Brazil, ²Superior School of Amazonia, Belém, Brazil
- 1255 PR06.19 Modification of overjet and overbite in children with tongue thrusting after cementation of palatal buttons for the reeducation of the tongue**
G. C. Carvajal, M. Aguirre & S. S. Parrochia
Clínica Indisa, Santiago, Chile
- 1130 PR06.20 Early treatment in primary dentition of a class III malocclusion with the trainer (EF Class III): a cases report**
G. C. Pimentel¹, R. E. Sepulveda¹ & F. R. Figueroa²
¹Paediatric Dentistry, University of Chile, Santiago, Chile, ²Pontifical Catholic University of Chile, Santiago, Chile
- 1135 PR06.21 Early orthopedic treatment with fixed appliances**
M. G. Casanova Mercado, C. A. Fregoso Guevara, I. A. Verdugo Valenzuela, M. A. Zamudio Gomez, M. E. Torres & M. Salcedo
Pediatric Dentistry, Universidad Autónoma de Baja California, Tijuana, Mexico
- 1140 PR06.22 The effects of rapid palatal expansion with facemask on permanent successor by finite element analysis**
D. H. Kim¹, T. J. Shin¹, H. H. Son², S. H. Lee¹, C. C. Kim¹ & K. T. Jang¹
¹Department of Pediatric Dentistry, Seoul National University, Seoul, Korea, Republic of, ²Department of Conservative Dentistry, Seoul National University, Seoul, Korea, Republic of
- 1145 PR06.23 Oral manifestations of twin sisters with pseudohypoparathyroidism type Ia**
N. Isogawa & Y. Baba
Pedodontics and Orthodontics, National Center for Child Health and Development, Tokyo, Japan
- 1150 PR06.24 Palatal training therapy - a team approach to management of intractable speech disorders**
J. Parry^{1,2}, D. Sellers³ & C. Bird³
¹Special Care Dentistry, Sussex Community Trust, West Sussex, United Kingdom, ²Royal Alex Children's Hospital, Brighton, United Kingdom, ³Speech and Language Therapy, Sussex Community Trust, West Sussex, United Kingdom
- 1155 PR06.25 Influence of adhesives and different methods of enamel pretreatment on the bond strength of orthodontic brackets**
H. Jurić¹, S. Jurišić², G. Jurišić² & S. Porović³
¹Department of Preventive and Paediatric Dentistry, School of Dental Medicine, Zagreb, Croatia, ²Dental Polyclinic Jurišić, Mostar, Bosnia and Herzegovina, ³Public Health Centre of Sarajevo Canton, Sarajevo, Bosnia and Herzegovina
- 1200 PR06.26 Occlusal characteristics of primary dentition and the prevalence of malocclusion in preschool children**
C. Bica¹, C. Cosma², D. Esian¹, R. Gyergyay¹, A. Bud¹ & K. Mártha³
¹Paediatric Dentistry Department, University of Medicine and Pharmacy, Tirgu Mures, Romania, ²University of Medicine and Pharmacy, Tirgu Mures, Romania, ³Orthodontic Department, University of Medicine and Pharmacy, Tirgu Mures, Romania
- 1205 PR06.27 Planas direct tracks for early anterior crossbite correction**
A. M. P. A. Souza, M. F. Oliveira & M. C. S. Rastelli
Odontologia, Universidade Regional de Blumenau, Blumenau, Brazil
- 1210 PR06.28 Accuracy and reliability of tooth size and arch width measurements using conventional and three-dimensional digital models**
T. Yonezu¹, A. Arakawa², A. Tashiro¹ & S. Shintani¹
¹Pediatric Dentistry, Tokyo Dental College, Chiba, Japan, ²3D Corporation, Chiba, Japan

1215 PR06.29 Alternative preventive treatment for high-risk maxillary canines impaction
S. Zepeda, K. N. Ramirez, I. A. Verdugo, M. A. Zamudio & C. A. Fregoso
Postgraduate of Pediatric Dentistry, Universidad Autonoma de Baja California, Tijuana, Mexico

1220 PR06.30 Long-term Space changes after premature loss of a primary maxillary first molar
P. C. Tang, Y-T Lin & Y. T. Lin
Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, Republic of China

1225 PR06.31 Comparative evaluation of OnyxCeph^{3m} software and Demirjian method for estimating dental age of 6-13 year-old children
N. Özveren¹, S. Özalp¹, T. Ünver² & E. Aytuğar²
¹Department of Pediatric Dentistry, Bezmialem Vakif University Faculty of Dentistry, Istanbul, Turkey, ²Department of Oral and Maxillofacial Radiology, Bezmialem Vakif University Faculty of Dentistry, Istanbul, Turkey

1230 PR06.32 Acute otitis media and the need for myringotomy tubes among paediatric cleft lip and palate patients
V. Lehtonen, R. Lithovius, L. Ylikontiola, V. Anttonen, T. Autio & V. Harila
Oulu University Hospital and University of Oulu, Oulu, Finland

1235 PR06.33 To keep or not to keep the space following the premature loss of primary molars?
C. Pujade^{1,2}, M. M. Landru^{1,2} & E. Dursun^{1,2,3}
¹Paediatric Dentistry, Paris Descartes University, Montrouge, France, ²Paediatric Dentistry, Mondor-Chenevier Hospital Complex, Créteil, France, ³Dental Materials Research Unit, Innovations and Interfaces, Montrouge, France

1240 PR06.34 Prevalence of and relationship between malocclusion and orofacial dysfunction in children and adolescents - an epidemiological study
M. B. D. Gavião, M. S. Leme & T. S. Barbosa
Department of Pediatric Dentistry, University of Campinas, Piracicaba, Brazil

1245 PR06.35 Alternative and simple technique for prosthodontic oral rehabilitation of patient with dystrophic epidermolysis bullosa: a clinical case report
J. Morán, S. Kramer & M. Valle
University of Chile, Santiago, Chile

1250 PR06.36 Early correction of Classe III malocclusion: a systematic review and case reports
H. Benyahia, W. Rerhrhay, Y. Oualalou & F. Zaoui
Department of Orthodontics, Faculty of Dental Medicine, University Mohammed V, Rabat, Morocco

1255 PR06.37 Simultaneous correction of the posterior unilateral cross bite, anterior open bite and sucking digital habit using a modified hyrax breaker
P. Jara¹ & H. Orrego²
¹Ministry of Health, Lima, Peru, ²Universidad Nacional Mayor de San Marcos, Lima, Peru

1130 PR06.38 Stages in third molar development and eruption to estimate 18-year threshold
M. Y. P. Mohd Yusof^{1,2}, R. Cauwels¹ & L. Martens¹
¹Department of Pediatric Dentistry and Special Care, PAECOMEDIS Cluster, Ghent University, Ghent, Belgium, ²Centre of Oral & Maxillofacial Diagnostics and Medicine Studies, Faculty of Dentistry, Universiti Teknologi MARA, Shah Alam, Malaysia

1135 PR06.39 Early treatment of anterior crossbite in children under 3 years: clinical cases
G. Redondo Santiago¹, R. Mayné Acien^{1,2}, S. Yuste^{1,3} & J. Maristany I Vilanova¹
¹Dr. Maristany Private Practice, Barcelona, Spain, ²Universidad de Barcelona, Barcelona, Spain, ³Universidad internacional de Catalunya, Barcelona, Spain

1140 PR06.40 A longitudinal radiographic study of tooth eruption
L. Mustafa, F. Wong & H. Liversidge
Centre for Oral Growth and Development, Queen Mary University of London, London, United Kingdom

1145 PR06.41 Defining normal eruption in terms of root stage
H. Liversidge
Dental Institute, Queen Mary University of London, London, United Kingdom



Friday 3rd July, 1600 hours

BSPD Poster Prize

1600 PZ01.01 Investigation of care staff attitudes regarding oral care provision for dependent children and young people prior to implementation of a toothbrushing programmeE. Cole^{1,2,3}, R. Emanuel¹ & J. Parry^{1,3}¹Special Care Dentistry, Sussex Community Trust, West Sussex, United Kingdom, ²Paediatric Dentistry, Kings College Hospital, London, United Kingdom, ³Royal Alex Children's Hospital, Brighton, United Kingdom**1605 PZ01.02 The effect of different oral care treatments on the demineralisation of hypomineralised enamel**

A.Z. Abdullah, A.J. Ireland, J. R. Sandy & M. E. Barbour

University of Bristol, Bristol, United Kingdom

1610 PZ01.03 Lifecourse determinants of dental caries in three year old children: a feasibility data linkage studyJ. Owen¹, P. F. Day^{1,2}, E. Petherick³, J. Godson⁴ & G. Douglas⁵¹Department of Paediatric Dentistry, University of Leeds, Leeds, United Kingdom, ²Salaried Dental Service, Bradford District Care Trust, Bradford, United Kingdom, ³Bradford Institute for Health Research, Bradford, United Kingdom, ⁴Public Health England, North of England, United Kingdom, ⁵Dental Public Health, University of Leeds, Leeds, United Kingdom**1615 PZ01.04 Customised soft bite guards for paediatric special care patients**D. Sisson, D. Shelat & K. Coomaraswamy
Department of Paediatric Dentistry, Birmingham Dental Hospital, Birmingham, United Kingdom**1620 PZ01.05 Management of dental caries in children in an NGO-run hospital in Cambodia**

D. Bailey

University of Bristol Dental School, Bristol, United Kingdom

1625 PZ01.06 Pre-operative documentation of sleep disordered breathing (SDB) status enquiry for children undergoing dental general anaesthesia (DGA)

M. C. De Souza & M. Harrison

Department of Paediatric Dentistry, Guy's & St Thomas's NHS Trust, London, United Kingdom

Dental Care Professional Poster Prize

1630 PZ02.01 Audit of frequency and type of splints already placed on Patients that attend with a dental trauma on paediatric dentistry casualty

L. Archer & L. A. L. Burbridge

Child Dental Health, Newcastle Dental Hospital, Newcastle, United Kingdom

1635 PZ02.02 Kinder wide smiles

A. Mason, L. Mayze, E. Vo, S. Sharp & M. Smith

Oral Health Services, Barwon Health, Newcomb, VIC, Australia

1640 PZ02.03 Dental morbidity among early childhood children left without parents' care and children living with parents in Moscow

K. Miloserdova, L. Kiselnikova, O. Zaytseva & E. Kirillova

MSUMD, Moscow, Russian Federation

1645 PZ02.04 Preventive care offered to an adolescent accessing public oral health services in NSW AustraliaA.V. Masoe¹, A. S. Blinkhorn², J. Taylor¹ & F. A. Blinkhorn¹¹Faculty of Health and Medicine, School of Health Sciences, Oral Health Discipline, The University of Newcastle, Ourimbah, NSW, Australia, ²Faculty of Dentistry, University of Sydney, Sydney, NSW, Australia**1650 PZ02.05 An overview of a volunteer student placement oral health promotion project: saving smiles in Soe**L. Wallace¹ & J. Taylor²¹Oral Health, University of Newcastle, Ourimbah, NSW, Australia, ²Oral Health, University of Newcastle, Ourimbah, NSW, Australia**1655 PZ02.06 Topical fluoride postcode lottery; who's the winner?**C. Bower¹, V. Wilson¹, L. McClean¹, T. Broomhead², Z. Marshman² & H. Zaitoun¹¹Paediatric Dentistry, Charles Clifford Dental Services, Sheffield, United Kingdom, ²School of Clinical Dentistry, University of Sheffield, Sheffield, United Kingdom**1660 PZ02.07 Children's views on fluoride varnish application by extended-duty dental nurses in a non-dental setting**A.L. Wickens¹, A. Aljafari² & M. T. Hosey²¹Paediatric Dentistry, King's College Hospital, London, United Kingdom, ²Paediatric Dentistry, King's College London, London, United Kingdom**1705 PZ02.08 Management of carious primary incisors in preschool children based on ICCMS philosophy**

L. D. Bassi & J. M. Fearn

Paediatric Dentistry, Bart's Health NHS Trust, Royal London Dental Institute, London, United Kingdom

1710 PZ02.09 Paediatric dentistry oral and intravenous sedation service evaluation: how are we doing?

A. Borkowska, R. Barnard, A. Wickens, F. Roberts & L. Lourenço-Matharu

Paediatric Dentistry, Dental Institute, King's College London, London, United Kingdom

Restorative dentistry I

1600 PR08-1.01 Patient-reported outcomes for pre-formed metal crowns: a dental therapist-led auditJ. Cowlam¹, E. Gupta², F. Gilchrist² & H. D. Rodd²¹Paediatric Dentistry, Charles Clifford Dental Hospital, Sheffield, United Kingdom, ²Oral Health and Development, University of Sheffield, Sheffield, United Kingdom**1605 PR08-1.02 Short-term outcome of endodontically treated permanent teeth in a paediatric population**P. T. Clarke¹, N. Longridge¹, A. Jones² & S. Albadi³¹Restorative, Liverpool Dental Hospital, Liverpool, United Kingdom, ²Maxillofacial Dept, Alder Hey Children's Hospital, Liverpool, United Kingdom, ³Paediatrics, Liverpool Dental Hospital, Liverpool, United Kingdom**1610 PR08-1.03 Partial pulpotomy of two carious primary molars using bioactive tricalcium silicates as a pulp dressing material. A Case report**

M. Z. Radwan, N. E. Metwalli, N. S. Kabil & R. K. Abu El Fadl

Pediatric Dentistry Dept. Faculty of Dentistry, Ainshams University, Cairo, Egypt

1615 PR08-1.04 Evaluation of the mechanical properties of a newer universal flowable composite for applications in pediatric restorative dentistry

R. G. Ubeja & C. Bhat

Department of Pediatric and Preventive Dentistry, Bharati Vidyapeeth Dental College and Hospital, Pune, India

1620 PR08-1.05 Bleaching of traumatized discolored anterior tooth using walking bleach techniqueA. Islam, S. Korun, H. Tunç & S. Çetiner
Paediatric Dentistry Department, Dentistry Faculty of Near East University, Nicosia / Northern Cyprus, Cyprus

- 1625 PR08-1.06 Color changes of S-PRG tooth-coating material "Barrier Coat" applied on white spot lesion in primary tooth enamel: in vitro and clinical studies**
Y. Hosoya^{1,2}, H. Otani³, M. Miyazaki¹ & F. Garcia-Godoy⁴
¹Department of Operative Dentistry, Nihon University School of Dentistry, Tokyo, Japan, ²Division of Pediatric Dentistry, Department of Oral Health and Development Sciences, Tohoku University Graduate School of Dentistry, Sendai, Japan, ³Otani Dental Clinic, Nayoro, Japan, ⁴Department of Bioscience Research, University of Tennessee Health Science Center, College of Dentistry, Memphis, TN, United States
- 1630 PR08-1.07 Microleakage and dentine surface after chemomechanical caries removal versus drilling**
K. Kitsahawong¹, A. L. Seminario², P. Pungchanchaikul¹, A. Rattanacharoenthum¹ & W. Pitiphat³
¹Department of Pediatric Dentistry, Khon Kaen University, Khon Kaen, Thailand, ²Department of Pediatric Dentistry, University of Washington, Seattle, WA, United States, ³Department of Community Dentistry, Khon Kaen University, Khon Kaen, Thailand
- 1635 PR08-1.08 In vitro evaluation of the antibacterial effects of various agents and systems used for cavity disinfection**
O. Baygin¹, I. Erdemir², G. Bayramoglu³, R. Akyol³ & T. Tüzün¹
¹Department of Paediatric Dentistry, Karadeniz Technical University, Trabzon, Turkey, ²Department of Paediatric Dentistry, RTE University, Rize, Turkey, ³Microbiology, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey
- 1640 PR08-1.09 Effectiveness of gingival retraction methods: a systematic review**
S. Tabassum
Dentistry, Aga Khan University Hospital, Karachi, Pakistan
- 1645 PR08-1.11 The effect of chlorhexidine 2% application on shear bond strength of different dentin adhesives in deciduous teeth: an in vitro study**
E. Farokh Gisoure
Paediatric Dentistry, Kerman Dental Faculty, Kerman, Iran, Islamic Republic of
- 1650 PR08-1.12 Dental treatment of patients with hemophilia A: a case report**
T. Z. Sun, H. H. Chang, Y. L. Wang, G. F. Huang & M.K. Guo
National Taiwan University, Taipei, Taiwan, Republic of China
- 1655 PR08-1.13 Development of radio-opaque resin for white spot lesion**
M. Moeinian¹, F. Wongi¹, R. Hill¹, J. Darr² & D. Clement²
¹QMUL, London, United Kingdom, ²UCL, London, United Kingdom
- 1600 PR08-1.14 Comparative clinical of adhesives systems used in primary teeth**
A. M. Ortolani, S. G. Cortese & A. M. Biondi
Department of Pediatric Dentistry, University of Buenos Aires, Buenos Aires, Argentina
- 1605 PR08-1.15 Caries experience and treatment of children with special health care needs (CSHCN)**
K. Bücher, K. Rothmaier, V. Pitchika, R. Hickel & J. Kühnisch
Kinder- und Jugendbehandlung, Poliklinik für Zahnerhaltung und Parodontologie, Klinikum der Universität München, München, Germany
- 1610 PR08-1.16 Comparison of morphology of Taiwanese lower primary molars with related stainless steel crowns**
T. T. Chao¹ & H. H. Tsai²
¹Dentistry Department, Mackay Memorial Hospital, Taipei, Taiwan, Republic of China, ²School of Oral Hygiene, Taipei Medical University, Taipei, Taiwan, Republic of China
- 1615 PR08-1.17 Minimal invasive potential of three caries excavation methods in children**
M. K. Zayat¹, S. B. Eltawil², S. A. Mahmoud² & S. A. Abdelmoniem²
¹Oral Radiology Department, Faculty of Oral and Dental Medicine, Cairo University, Cairo, Egypt, ²Pediatric Dentistry and Dental Public Health, Faculty of Oral and Dental Medicine, Cairo University, Cairo, Egypt
- 1620 PR08-1.18 Shear bond strength and microleakage of a sealant containing S-PRG filler (BeautiSealant)**
H. Seo & J. An
Department of Pediatric Dentistry, Gangneung-Wonju National University, Gangneung, Korea, Republic of
- 1625 PR08-1.19 Could mini-head hand-piece optimize operator's convenience & patients' behavior in minimally invasive procedures?**
M. Rashed, D. Moheb & S. Awad
Pediatric Dentistry and Dental Public Health Department, Faculty of Oral and Dental Medicine, Cairo University, Cairo, Egypt
- 1630 PR08-1.20 Revascularisation of immature permanent teeth: 9-month follow-up**
E. Karakaya, B. N. Çelik & H. Sönmez
Pediatric Dentistry, Ankara University, Ankara, Turkey
- 1635 PR08-1.21 Comparative evaluation of the effect of 10% α -tocopherol solution and 5% grape seed extract on the micro hardness and shear bond strength of bleached dentin**
C. Singh & M. Srivastava
Pedodontics and Preventive Dentistry, KD Dental College and Hospital, Mathura, India
- 1640 PR08-1.22 Histologic evaluation of the short term response of primary dental pulp to a biodegradable propolis preparation. An experimental study on dogs**
A. N. Abd El-Latif¹, M. A. Matar², G. M. Mahmoud³ & G. F. Balata⁴
¹Oral Pathology, Pharos University in Alexandria, Alexandria, Egypt, ²Pediatric Dentistry, Pharos University in Alexandria, Alexandria, Egypt, ³Pediatric Dentistry, 6th October University for Modern Science and Arts, Cairo, Egypt, ⁴Department of Pharmaceutics, Faculty of Pharmacy, Zagazig, Egypt
- 1645 PR08-1.23 Revitalisation of previously traumatized root-filled incisors: 24-month follow-up**
G. Atasever & Z. Cehreli
Department of Pediatric Dentistry, Faculty of Dentistry, Hacettepe University, Ankara, Turkey
- 1650 PR08-1.24 Obtaining exfoliated teeth for research purposes: a feasibility study**
C. Warner, T. Broomhead & H. D. Rodd
School of Clinical Dentistry, University of Sheffield, Sheffield, United Kingdom
- 1655 PR08-1.25 Cytotoxicity and regenerative potential of three different tricalcium silicate-based cements**
K. C. Hueth, K. Broos, S. Kist, R. Hickel & M. Kollmuss
Department of Restorative Dentistry & Periodontology, University of Munich, Munich, Germany
- 1600 PR08-1.26 A comparative study of Biodentine™ and MTA Angelus on adhesion of human periodontal ligament fibroblasts**
A. Alcaína¹, O. Cortés¹, M. Catalá², S. Guzmán¹ & M. D. Austro³
¹Pediatric Dentistry, University of Murcia, Murcia, Spain, ²Pediatric Dentistry, University of Valencia, Valencia, Spain, ³University of Murcia, Murcia, Spain

- 1605 PR08-1.27 Effect of penetrating resin on the penetration depth of early artificial enamel caries at different penetrating time**
J. Lin¹, W. Ma² & X. Zhu²
¹The Affiliated Hospital of Stomatology, Chongqing Medical University, Chongqing, China, ²Chongqing Medical University, Chongqing, China
- 1610 PR08-1.28 In-vitro antibacterial activity of innovative endodontic medicaments and different vehicle combinations**
T. M. Nalawade¹, K. G. Bhat², S. H. P. Sogi³ & S. Hugar¹
¹Pedodontics and Preventive Dentistry, KLE University, Belgaum, India, ²Consultant, Dr Prabhakar Kore Basic Science Research Center, KLE University, Belgaum, India, ³Pedodontics and Preventive Dentistry, M. M. College of Dental Sciences & Research, Ambala, India
- 1615 PR08-1.29 Preliminary research of Er:YAG laser used on pulpotomy of dogs**
Y. Guo¹ & S. Zhang²
¹Paediatric Dentistry, Peking University School of Stomatology, Beijing, China, ²Peking University School of Stomatology, Beijing, China
- 1620 PR08-1.30 Pulp-dentin complex regeneration by using a new modified treated dentin matrix agent**
W. Guo, L. Li & W. Tian
Sichuan University, Chengdu, China
- 1625 PR08-1.31 Regional odontodysplasia: report of a case**
Ö. Güneş¹ & Z. Cehreli²
¹Paediatric Dentistry, Hacettepe University, Ankara, Turkey, ²Paediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey
- 1630 PR08-1.32 Hall technique preformed crowns-a survey of specialist paediatric dentists in the UK**
A. Roberts, A. McKay & S. Albadri
School of Dentistry, University of Liverpool, Liverpool, United Kingdom
- 1635 PR08-1.33 Treatment of a large endodontic lesion caused by chronic mechanical trauma due to the unusual habitual behavior**
Y. Ayik¹, K. N. Kose² & S. Akyüz¹
¹Department of Pedodontics, Marmara University, School of Dentistry, Istanbul, Turkey, ²Department of Periodontology, Marmara University, School of Dentistry, Istanbul, Turkey
- 1640 PR08-1.34 Bioactive glass versus tri-calcium phosphate in the treatment of dentin hypersensitivity: a short-term clinical trial**
B. Karabulut¹ & C. D. Can-Karabulut²
¹Pedodontics, GMMMA Training Hospital, Istanbul, Turkey, ²Restorative Dentistry, Sancaktepe Dental Health Hospital, Sancaktepe Istanbul, Istanbul, Turkey
- 1645 PR08-1.35 Evaluation of two iodoform-based root canal filling materials for pulpectomy of primary molars: an in vivo study**
H. M. Saber, S. A. Abdelmoniem & S. A. Mahmoud
Pediatric Dentistry, Cairo University, Cairo, Egypt
- 1650 PR08-1.36 In vitro evaluation of the effect of ozone treatment on fissure sealant**
M. Turgut, M. Çetinkaya & F. Tulga Öz
Pediatric Dentistry, Ankara University, Ankara, Turkey
- 1655 PR08-1.37 The use of PRP in treatment of an immature tooth with a large periapical lesion: a case report**
N. Kaya¹, T. Bezgin¹, B. N. Çelik¹ & A. D. Yılmaz²
¹Pediatric Dentistry, Ankara University, Ankara, Turkey, ²Ankara University, Ankara, Turkey
- 1600 PR08-1.38 Pulp canal obliteration after revascularization treatment: a case report**
E. C. Tatlı¹, T. Bezgin¹, B. N. Çelik¹ & A. D. Yılmaz²
¹Pediatric Dentistry, Ankara University, Ankara, Turkey, ²Ankara University, Ankara, Turkey
- 1605 PR08-1.39 Disinfectant effects of sodium hypochlorite on pulpotomies in primary teeth: clinical, radiological and histopathological study**
A. Demirel¹, M. Akçay², Ş. Sari¹, B. N. Çelik¹ & Ö. Günhan³
¹Pediatric Dentistry, Ankara University, Ankara, Turkey, ²Pediatric Dentistry, İzmir Katip Çelebi University, Izmir, Turkey, ³Pathology Department, Gülhane Military Medical Academy, Ankara, Turkey
- 1610 PR08-1.40 Polyactic acid absorbable intracanal post and films in restoring primary anterior residual root of early childhood children**
H. Huang & Y. Hou
Dept. of Pediatric Dentistry, The Affiliated Stomatology Hospital, Guangxi Medical University, Nanning, China
- 1615 PR08-1.41 Biological response of dental pulp cells derived from human deciduous teeth for PRG cement (The second report)**
M. Fujita, K. Okubo, R. Komori, M. Matsuzawa & S. Kimoto
Department of Dentistry for Growth and Development of Oral Function, Kanagawa Dental University, Yokosuka-shi, Japan
- 1620 PR08-1.42 Clinical evaluation of pulpotec as treatment options for pulpally involved primary anterior teeth**
N. R. Kabel¹ & M. M. Elshiekh²
¹Pediatric Dentistry, Misr University for Science and Technology, Cairo, Egypt, ²Pediatric Dentistry, Cairo University, Cairo, Egypt
- 1625 PR08-1.43 A randomized controlled trial of ProRoot MTA™, OrthoMTA™, and RetroMTA™ for pulpotomy in primary molars**
Y. Sun, C. Kang, H. J. Choi & J. S. Song
Department of Pediatric Dentistry, College of Dentistry, Yonsei University, Seoul, Korea, Republic of
- 1630 PR08-1.44 Comparison of cytotoxicity between resin infiltrant, Icon and novel radiopaque resin infiltrant**
A.S.I. Zakaria, F. S. L. Wong, M. P. Patel & S. C. F Rawlinson
Centre for Oral Growth and Development, Bart's and the London School of Medicine and Dentistry, Queen Mary University of London, London, United Kingdom
- 1635 PR08-1.45 Microleakage of endodontically treated teeth restored with polyactic acid absorbable screw post and film**
Y. Hou & H. Huang
Dept. of Pediatric Dentistry, The Affiliated Stomatology Hospital, Guangxi Medical University, Nanning, China
- 1640 PR08-1.46 Microtensile bond strength between polyactic acid absorbable post and composite resin core**
S. Li & H. Huang
Dept. of Pediatric Dentistry, The Affiliated Stomatology Hospital, Guangxi Medical University, Nanning, China
- 1645 PR08-1.47 Effect of calcium hydroxide medicaments on the anti-fracture strength of immature permanent teeth in vitro**
Y. Zhao, C. Li, L. Jin & Z. Wang
Pediatric Dentistry, School of Stomatology, Tongji University, Shanghai, China
- 1650 PR08-1.48 Functional and aesthetic oral rehabilitation of hypohydrotic ectodermal dysplasia with severe oligodontia**
A. Sahlanan, B. Ozgur, & Z. C. Cehreli
Paediatric Department, Hacettepe University/Faculty of Dentistry, Ankara, Turkey

1655 PR08-1.49 Dental attendance of patients after treatment under general anaesthesia (DGA) - a data-based follow-up study

M. Tilja¹, M. L. Laitala¹, P. Pesonen² & V. Anttonen^{1,3}

¹Department of Paedodontics, Institute of Dentistry, University of Oulu, Oulu, Finland, ²Medical Research Center Oulu, Oulu, Finland, ³Oulu University Hospital, University of Oulu, Oulu, Finland

1700 PR08-1.50 Oral rehabilitation in pediatric dentistry patient

F. X. P. C. Simoes^{1,2}, C. F. Brandao¹ & F. A. S. Neves¹

¹Bahia School of Medicine and Public Health, Salvador Bahia, Brazil, ²Saude I, University Southwest of Bahia, Jequie, Brazil

1705 PR08-1.51 An audit of general dental practitioner registration for patients in the department of paediatric dentistry

M. Geldenhuys¹ & C. R. Vernazza²

¹Oral Surgery, James Cook University Hospital, Middlesbrough, United Kingdom, ²School of Dental Sciences, Newcastle University, Newcastle, United Kingdom

Social science research (including quality of life)

1600 PR09.01 Impact of dental caries and its treatment on the quality of life of 12-15-year old adolescents in Benin, Nigeria

N. M. Chukwumah¹, M. O. Folayan², E. O. Oziegbe² & A. A. Umweni³

¹Department of Preventive Dentistry, University of Benin Teaching Hospital, Benin City, Nigeria, ²Child Dental Health, Obafemi Awolowo University, Ile-Ife, Nigeria, ³Department of Preventive Dentistry, University of Benin, Benin City, Nigeria

1605 PR09.02 A comparative study of oral health status and oral health related quality of life in children with autism

S. Alaki¹, J. Khan² & E. Al-Ashiry¹

¹Pediatric Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia, ²King Abdulaziz University, Jeddah, Saudi Arabia

1610 PR09.03 Can mHealth dental 'Apps' help disadvantaged parents establish children's oral hygiene routines?

L. M. Jones & K. Preston

Psychology, Massey University, Wellington, New Zealand

1615 PR09.04 Pain behaviour among children with juvenile idiopathic arthritis (JIA) and orofacial pain

E. Leksell^{1,2}, M. Ernberg³,

B. Hedenberg-Magnusson⁴,

B. Magnusson⁵ & U. Hallberg⁶

¹Pediatric Dentistry, Umeå University Hospital, Umeå, Sweden, ²Pediatric Dentistry, Blekinge Centre of Competence, Karlskrona, Sweden, ³Dental Medicine, Karolinska Institutet, Stockholm, Sweden, ⁴Oral Physiology, Folkandvården, Stockholm, Sweden, ⁵Paediatric Rheumatology Unit, Karolinska University Hospital, Stockholm, Sweden, ⁶Nordic School of Public Health, Göteborg, Sweden

1620 PR09.06 They care, cause we treasured - multi-win pattern of oral care of Aboriginal children in remote area

R. S. Tang^{1,2}, Y. T. Lin^{1,2} & H. Shun-Te¹

¹Kaohsiung Medical University, College of Dentistry, Kaohsiung, Taiwan, Republic of China, ²Baby Tooth Family Dental Clinic, Kaohsiung, Taiwan, Republic of China

1625 PR09.07 Oral health condition of preschool children liver transplant candidates and its impact on oral health related quality of life (OHRQoL) - a pilot study

E. A. Vidigal, J. Abanto, F. A. Alves

& M. Bönecker

Paediatric Dentistry, University of Sao Paulo, Sao Paulo, Brazil

1630 PR09.08 Interprofessional study of oral health in primary care

A. Nowak¹, J. Silverman²

& L. Mitchell-Rotston¹

¹AAPD Policy and Research Center Oral Health Policy Center, Chicago, IL, United States, ²AAPD Policy and Research Center, Chicago, IL, United States

1635 PR09.09 Family related factors of children treated under dental general anesthesia (DGA) - a pilot survey

P. Rajavaara^{1,2}, M. L. Laitala¹

& V. Anttonen^{1,3}

¹Department of Paedodontics, University of Oulu, Institute of Dentistry, Oulu, Finland, ²Municipal Health Center, Oulu, Finland, ³Medical Research Center, Oulu University Hospital and University of Oulu, Oulu, Finland

1640 PR09.10 The contribution for life quality of a social-educative programme

J. S. Moreira-Jr¹, L. V. S. Martino¹

& E. Michel-Crosato²

¹Health, Social Service of the Commerce, Sao Paulo, Brazil, ²Odontologia Social, Universidade de São Paulo, São Paulo, Brazil

1645 PR09.11 Patient with ectodermal dysplasia: how to improve their quality of life from childhood to adolescence?

A. J. López, M. Padilla, A. Adanero,

V. Gómez & P. Planells

Department IV-Paediatric Dentistry, Faculty of Dentistry, Complutense University of Madrid, Madrid, Spain

1650 PR09.12 Quality of life of Brazilian children with cleft lip and palate

A. F. F. Pereira¹, M. Falzoni², T. C. Silva²,

D. Rios², M. A. A. M. Machado² & T. M. Oliveira^{1,2}

¹Hospital for Rehabilitation of Craniofacial Anomalies, University of São Paulo, Bauru, Brazil, ²Department of Pediatric Dentistry, Orthodontics and Public Health, University of São Paulo/Bauru School of Dentistry, Bauru, Brazil

1600 PR09.13 Parents/caregivers perceptions of the impact of malocclusion on adolescents' quality of life

L. G. Abreu, C. A. Melgaço,

M. H. Abreu, E. B. Lages & S. M. Paiva
Federal University of Minas Gerais, Belo Horizonte, Brazil

1605 PR09.14 Psychosocial impacts on children following dental injury: a systematic review

A. Singh¹, H. Zaitoun², H. D. Rodd¹,

F. Gilchrist¹ & Z. Marshman³

¹Unit of Oral Health and Development, University of Sheffield, Sheffield, United Kingdom, ²Department of Paediatric Dentistry, Charles Clifford Dental Hospital, Sheffield, United Kingdom, ³Academic Unit of Dental Public Health, University of Sheffield, Sheffield, United Kingdom

1610 PR09.15 Does obesity increase risk of dental caries? Cross-sectional study at Taif University

M. Abdel Wahab

Taif University, Taif, Saudi Arabia

1615 PR09.16 Pattern of presentation of common oral conditions and their impact on quality of life of preschoolers in Lagos, Nigeria

C. L. Nzomiwu¹, E. O. Sote²

& F. A. Oredugba²

¹Child Dental Health, Lagos University Teaching Hospital, Lagos, Nigeria, ²Child Dental Health, College of Medicine, University of Lagos, Lagos, Nigeria

1620 PR09.17 Sublingual administration of atropine eye drops in children with excessive drooling

M. Bågesund

Linköping University, Norrköping, Sweden

Saturday 4th July, 1130 hours

Periodontology/microbiology

1130 PR07.01 Aggressive periodontitis in a 5-year old child without any systemic diseasesM. Haghighi*Paediatric Dentistry, Zanjan University of Medical Sciences, Zanjan, Iran, Islamic Republic of***1135 PR07.02 Early loss of primary teeth as the presenting feature of hypophosphatasia**R. Power¹, R. John² & C. Burren³¹Department of Paediatric Dentistry, Bristol Dental Hospital, Bristol, United Kingdom, ²Department of Paediatric Dentistry, University of Bristol, Bristol, United Kingdom, ³Department of Paediatric Endocrinology and Diabetes, Bristol Royal Hospital for Children, Bristol, United Kingdom**1140 PR07.03 Comparison of Streptococcus mutans in saliva before and after dental caries filling with resin-based composite**L. Fang, Y. Liu, R. Yang & J. Zou*West China College of Stomatology, Sichuan University, Chengdu, China***1145 PR07.04 Oral microbiome analysis in children with colored dental biofilms**N. Nagai, A. Sakurai, H. Homma,K. Tanaka, Y. Arai & S. Shintani
*Department of Pediatric Dentistry, Tokyo Dental College, Tokyo, Japan***1150 PR07.05 Potential role of MMP-13, MMP-12 and ameloblastin in a new type of gingival fibromatosis**C. Kang, J. H. Lee, J. S. Song & S. O. Kim*Department of Pediatric Dentistry, College of Dentistry, Yonsei University, Seoul, Korea, Republic of***1155 PR07.06 Generalised aggressive periodontitis in the primary dentition: a case report**Q. Zhang, R. Yang & J. Zou*Department of Pediatric Dentistry, West China School of Stomatology, Sichuan University, Chengdu, China***1200 PR07.07 Effect of ozone on bacteria related to early childhood caries**M. X. Ponte¹, M. Cardoso¹, R. Arnold²,L. A. Pimenta³ & R. Vieira¹¹Pediatric Dentistry, Universidade Federal de Santa Catarina, Florianópolis, Brazil, ²University of North Carolina, Chapel Hill, NC, United States, ³Craniofacial, University of North Carolina, Chapel Hill, NC, United States**1205 PR07.08 Acute necrotizing ulcerative gingivitis in primary denture: a proposal of treatment**M. Marty^{1,2}, F. Vaysse^{1,2}¹Pediatric Dentistry, Toulouse Dental School, Toulouse, France, ²Toulouse University Hospital, Toulouse, France**1210 PR07.09 Agreement of two molecular methods for the oral anaerobes detection in children**P. Pantuckova¹, M. Bartosova¹,Z. Broukal², M. Kukletova¹ & L. I. Holla^{1,3}¹Clinic of Stomatology, St. Anne's Faculty Hospital, Faculty of Medicine, Masaryk University, Brno, Czech Republic, ²School of Dental Medicine, Charles University in Prague, the 1st Faculty of Medicine, Prague, Czech Republic, ³Department of Pathophysiology, Faculty of Medicine, Masaryk University, Brno, Czech Republic**1215 PR07.10 The metagenome analysis of salivary microflora in Japanese children with early childhood caries**T. Fujiwara, K. Satoh & T. Hoshino*Department of Pediatric Dentistry, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan***1220 PR07.11 A case of advanced periodontitis with palmo-plantar keratoderma and its 3-year comprehensive management**M. Liu, Y. Chen & S. Li*Sichuan University, Chengdu, China***1225 PR07.12 Antibacterial effect of ozone water on periodontopathogens in vitro**Q. Shi¹ & G. X. Jia²¹Paediatric Dentistry, Capital Medical University School of Stomatology, Beijing, China, ²Beijing Childrens Hospital, Beijing, China**1230 PR07.13 Evaluation of effects of four combinations of root canal irrigants on microflora in the infected root canals of primary teeth: an in vivo study**R. Yang, L. Tang & J. Zou*Pediatric Dentistry, West China College of Stomatology, Sichuan University, Chengdu, China***1235 PR07.14 Analysis of effectiveness of triterpenoid compounds for prevention of dental caries**C. Mitsuhata¹, N. Tatsukawa¹, Y. Ohara¹,Y. Iwamoto² & K. Kozai¹¹Pediatric Dentistry, Hiroshima University, Hiroshima, Japan, ²Pediatric Dentistry, Hiroshima University Hospital, Hiroshima, Japan**1240 PR07.15 Role of glucan-binding domain of GbpC in biofilm formation by Streptococcus mutans**Y. Takashima, Y. Morikawa, K. Fujita& M. Matsumoto-Nakano
*Department of Pediatric Dentistry, Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama University, Okayama, Japan***1245 PR07.16 Assessment of gingival thickness in children**D. Chacón^{1,2}, S. M. Dridi^{3,4}, C. Joseph⁵ & E. Dursun^{1,2}¹Paediatric Dentistry, Paris Descartes University, Montrouge, France, ²Paediatric Dentistry, Mondor-Chenevier Hospital Complex, Créteil, France, ³Periodontology, Paris Descartes University, Montrouge, France, ⁴Periodontology, Mondor-Chenevier Hospital Complex, Créteil, France, ⁵Paediatric Dentistry, Nice Sophia Antipolis, Nice, France

Oral surgery/oral medicine/oral pathology

1130 PR10.01 Role of Er, Cr: YSGG lasers in pediatric dentistryG. Kumar*Pediatric Dentistry, Maulana Azad Institute of Dental Sciences, Delhi, India***1135 PR10.02 Management of dystrophic epidermolysis bullosa: a rare case report**F. A. Alomari¹ & A. A. Dawasaz²¹Oral & Maxillofacial Surgery, King Faisal Medical City, Abha, Saudi Arabia, ²King Khalid University, Abha, Saudi Arabia**1140 PR10.03 Conservative treatment of dentigerous cyst associated with primary molars**Y. Yang, M. Qin, X. Wang & Y. Li*Pediatric Dentistry, Peking University School of Stomatology, Beijing, China***1145 PR10.04 Recovery of dentigerous cysts in two pediatric patients following decompression by a modified space maintainer**B. Sirinoglu Capan¹, G. Gocmen²,H. Garip², S. Akyuz¹ & K. Goker²¹Department of Pediatric Dentistry, Faculty of Dentistry, Marmara University, Istanbul, Turkey, ²Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Marmara University, Istanbul, Turkey

1150 PR10.05 Nationwide survey of dental problems in patients with osteogenesis imperfecta

R. Okawa, K. Saga & K. Nakano
Department of Pediatric Dentistry, Osaka University Graduate School of Dentistry, Osaka, Japan

1155 PR10.06 Dental management of patients with type I spinal muscular atrophy

J. C. Hassi, R. Jara & S. Hala
School of Dental Medicine, Medicine Faculty, Pontificia Universidad Católica de Chile, Santiago, Chile

1200 PR10.07 Management of a jaw cyst on a paediatric patient with alpha-mannosidosis: a case report

S. Parmar¹, N. Bhujel¹, C. Williams¹, J. Johnson¹ & M. Champion²
¹Paediatric Dentistry, Guy's and St. Thomas' NHS Trust, London, United Kingdom, ²Paediatric Metabolic Department, Evelina Children's Hospital, London, United Kingdom

1205 PR10.08 Regional odontodysplasia: a case report

R. Adamji^{1,2} & L. Brown^{1,2}
¹St George's Hospital, London, United Kingdom, ²King's College London Dental Institute, London, United Kingdom

1210 PR10.09 Compliance with UK national guidelines for the oral management of oncology patients

J. R. Bailey¹, L. Gartshore², G. T. Yesudian³, S. Carew O'donnell⁴ & F. Gilchrist⁵
¹Paediatric Dentistry, Alder Hey Children's NHS Foundation Trust, Liverpool, United Kingdom, ²Paediatric Dentistry, University of Liverpool, Liverpool, United Kingdom, ³Paediatric Dentistry, Charles Clifford Dental Hospital, Sheffield, United Kingdom, ⁴Paediatric Dentistry, Harrogate and District Foundation Trust, Harrogate, United Kingdom, ⁵Unit of Oral Health & Development, School of Clinical Dentistry, University of Sheffield, Sheffield, United Kingdom

1215 PR10.10 Juvenile ossifying fibroma: presentation in two paediatric patients

L. Thorne, L. Martin & P. M. Speight
Oral and Maxillofacial Pathology, Charles Clifford Dental Hospital, Sheffield, United Kingdom

1220 PR10.11 Dental treatment patients with bleeding disorders-prospective study

K. Chleborad¹, J. Papez¹, T. Dostalova¹ & V. Komrska²
¹Department of Stomatology, 2nd Faculty of Medicine Charles University in Prague, Prague, Czech Republic, ²Department of Pediatric Hematology and Oncology, 2nd Faculty of Medicine Charles University in Prague, Prague, Czech Republic

1225 PR10.12 An unusual case of pathological primary tooth mobility

R. Freeman & E. Hingston
Department of Child Dental Health, University Dental Hospital Cardiff, Cardiff, United Kingdom

1230 PR10.13 Management of tooth extraction presenting in a patient with severe haemophilia A

J. Papez¹, K. Chleborad¹, T. Dostalova¹ & V. Komrska²
¹Department of Stomatology, 2nd Faculty of Medicine Charles University in Prague, Prague, Czech Republic, ²Department of Pediatric Hematology and Oncology, 2nd Faculty of Medicine Charles University in Prague, Prague, Czech Republic

1235 PR10.14 Hand-Schüller-Christian disease presenting with recurrent, bilateral, symmetrical mandibular lesions in an 8-year old boy. Report of a case

E. Birpou¹, K. Chatzidimitriou¹, C. Matsioulas¹, K. Tosios², P. Christopoulos³ & D. Emmanouil¹
¹Department of Paediatric Dentistry, School of Dentistry, University of Athens, Athens, Greece, ²Department of Oral Medicine and Pathology, School of Dentistry, University of Athens, Athens, Greece, ³Department of Oral and Maxillofacial Surgery, School of Dentistry, University of Athens, Athens, Greece

1240 PR10.15 Extraoral lesion evaluation in patient with acute lymphoblastic leukaemia

R. R. Mergulhão¹, C. T. Leite², P. F. Murça², J. Cartum¹, F. L. Fonseca¹ & S. Vieira³
¹Pediatric Oncology, Faculdade Medicina ABC, Santo André, Brazil, ²Serviço de Odontologia, Hospital Estadual Mario Covas, Santo André, Brazil, ³Pediatrics, Universidade Federal de São Paulo, São Paulo, Brazil

1245 PR10.16 Benign cementoblastoma - a rare case report in a young child

T. Sangeeta, G. Babu Kadakagere Lakshmana & P. Subramaniam
Department of Pedodontics and Preventive Dentistry, The Oxford Dental College and Hospital, Bangalore, India

1250 PR10.17 An 18 months review of paediatric oral biopsies at the Dental Centre, Lagos University Teaching Hospital, Lagos, Nigeria

A. S. Adenaike¹, F. A. Oredugba¹, M. O. Ashiwaju¹, O. A. Effiom² & M. O. Gbotolorun³
¹Child Dental Health, Lagos University Teaching Hospital, Lagos, Nigeria, ²Oral Pathology and Oral Biology, Lagos University Teaching Hospital, Lagos, Nigeria, ³Oral and Maxillofacial Surgery, Lagos University Teaching Hospital, Lagos, Nigeria

1255 PR10.18 A retrospective study of biopsied oral lesions in Thai pediatric patients

V. Vipismakul
Department of Oral Pathology, Chulalongkorn University, Bangkok, Thailand

1130 PR10.19 A review of three cases to demonstrate the value of coronectomy in reducing postoperative neuropathy in the management of "high risk" mandibular teeth

S. Marshall¹, C. Bryant² & M. Ahluwalia¹
¹Paediatric Dentistry, King's College Hospital, London, United Kingdom, ²Oral Surgery, King's College Hospital, London, United Kingdom

1135 PR10.20 Use of diaries to identify the impact of recurrent apthous ulceration in children

H. Zaitoun¹, H. Rogers¹ & Z. Marshman²
¹Paediatric Dentistry Unit, Charles Clifford Dental Services, Sheffield, United Kingdom, ²School of Clinical Dentistry, University of Sheffield, Sheffield, United Kingdom

1140 PR10.21 A case of eruption of the impacted first molar associated with the compound odontoma in mandible

Y. Shimada¹, K. Sonobe², R. Umezawa³, Y. Endo¹, H. Fese¹ & K. Mishima⁴
¹Periatric Dentistry, School of Dentistry, Showa University, Tokyo, Japan, ²Sonobe Clinic, Tokyo, Japan, ³Umezawa Clinic, Tokyo, Japan, ⁴Division of Pathology, Department of Oral Diagnostic Sciences, Showa University, Tokyo, Japan

1145 PR10.22 Severe external root resorption in a 13 year old boy with primary hyperoxyluria

B. Patel¹, A. Casaus¹, C. Brown¹ & V. Clark²
¹Paediatric Dentistry, Birmingham Dental Hospital, Birmingham, United Kingdom, ²Birmingham Children's Hospital, Birmingham, United Kingdom

1150 PR10.24 Oral & maxillofacial pathological lesions in children managed at the Department of Paediatric Dentistry Kuala Lumpur Hospital

N. N. N. Yunus¹, J. M. Sharif¹, N. M. Areffin²
¹Paediatric Dentistry, Kuala Lumpur Hospital, Kuala Lumpur, Malaysia, ²Paediatric Dentistry Unit, Department of Restorative Dentistry, National University of Malaysia, Kuala Lumpur, Malaysia

1155 PR10.25 A preventive approach to two non-syndromic pediatric patients with oral self-mutilation

E. Karaalioglu, D. Akay Kotan, A. Alaçam & N. Öztaş
Paediatric Dentistry, Gazi University, Ankara, Turkey

1200 PR10.26 Ameloblastic fibro-odontoma: a case report

H. H. Chiang¹, Y. F. Wu² & S. S. Hsuen^{3,4,5}

¹Department of Pediatric Dentistry, China Medical University Hospital, Taichung, Taiwan, Republic of China, ²Departments of Oral & Maxillofacial Surgery, China Medical University Hospital, Taichung, Taiwan, Republic of China, ³Department of Oral Pathology, China Medical University, Taichung, Taiwan, Republic of China, ⁴School of Dentistry, China Medical University, Taichung, Taiwan, Republic of China, ⁵Department of Law, National Chung Hsing University, Taichung, Taiwan, Republic of China

1205 PR10.27 Uncommon gingival sulcus bleeding following full mouth rehabilitation in a 3-year old child with severe iron deficiency: a case report

C. L. Tsai

Department of Pediatric Dentistry, Kaohsiung Chang-Gung Memorial Hospital, Kaohsiung, Taiwan, Republic of China

1210 PR10.28 Comparison between sleep history, pain in head areas and masseter bite force between children with and without sleep bruxism on primary and mixed dentition

C. M. T. Silva¹, N. A. Alencar¹, A. Birra², L. C. Maia¹ & A. G. Antonio¹

¹Pedodontic Department, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil, ²Orthodontic Department, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

1215 PR10.29 Lateral periodontal cyst in a 8 year old male: a case report

N. Tziaila¹, M. Katsouda¹, K. Arapostathis¹, A. Eliades², A. Tsirlis² & N. Kotsanos¹

¹Department of Paediatric Dentistry, Aristotle University of Thessaloniki-School of Dentistry, Thessaloniki, Greece, ²Department of Oral Surgery, Surgical Implantology and Oral Radiology, Aristotle University of Thessaloniki-School of Dentistry, Thessaloniki, Greece

1220 PR10.30 Compound odontoma and delay eruption of mandibular right 1st permanent molar in a seven-year old boy

C. W. Yen¹, M. H. Sheen^{1,2}, S. T. Huang^{1,2} & S. Y. Hsiao²

¹Department of Oral Hygiene, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung City, Taiwan, Republic of China, ²Division of Paediatric Dentistry, Department of Dentistry, Kaohsiung Medical University Hospital, Kaohsiung City, Taiwan, Republic of China

1225 PR10.31 Melanotic neuro-ectodermal tumor of infancy

S. Namineni¹ & G. K. Velagapudi²

¹Pediatric Dentistry, Rainbow Hospital for Women and Children, Hyderabad, India, ²Rainbow Hospital for Women and Children, Hyderabad, India

1230 PR10.32 Acquired toxoplasmosis of a cervical lymph node in a seven-year old boy: a case report

P. A. Fee & M. Dhillon

Oral and Maxillofacial Surgery, Aberdeen Royal Infirmary, Aberdeen, United Kingdom

1235 PR10.33 Long term effects of radiation therapy and chemotherapy in tooth formation and development. A case series report

S. Papanakou, E. Panagiotou, O. Panagopoulou, K. Tzouanaki & K. Kavvadia

Paediatric Dentistry, National and Kapodistrian University of Athens, Athens, Greece

1240 PR10.34 Clinical and pathohistological profiles of chronic odontogenic infections with microvascular proliferation in children with permanent dentition

T. Kutllovci^{1,2}, S. Iljoska³, A. Begzati⁴, A. Rexhepi¹, B. Xhemalji¹ & N. Kutllovci⁵

¹Department of Pediatric Dentistry, University Dentistry Clinical Center of Kosova, Prishtina, Kosovo, Republic of, ²University of Prishtina, Prishtina, Kosovo, Republic of, ³Department of Pediatric Dentistry, Saints Cyril and Methodius University of Skopje, Skopje, Macedonia, the Former Yugoslav Republic of, ⁴Department of Pediatric Dentistry, University of Prishtina, Prishtina, Kosovo, Republic of, ⁵General Medicine, University of Prishtina, Prishtina, Kosovo, Republic of

1245 PR10.35 Case series of paediatric odontomas: are we communicating the link with Gardner's syndrome?

M. H. Connolly¹, M. Little², M. Nugent¹ & P. Sloan³

¹Oral and Maxillofacial Surgery, City Hospitals Sunderland, Sunderland, United Kingdom, ²Oral and Maxillofacial Surgery, James Cook University Hospital, Middlesbrough, United Kingdom, ³Oral Pathology, School of Dental Sciences, Newcastle upon Tyne, United Kingdom

1250 PR10.36 Case report of Williams syndrome in Saudi Arabia

H. Bangar¹ & N. Alghanim²

¹Paediatric Dentistry, Riyadh Collage, Riyadh, Saudi Arabia, ²King Saud University, Riyadh, Saudi Arabia

1255 PR10.37 Investigation and countermeasures of 43 pre-eruptive intracoronar absorption

Z. Dongfang

Stomatology Hospital of Xi'an Jiaotong University College of Medicine, Xi'an, China

1300 PR10.38 Painless and bloodless surgery in pedodontics

V. S. Bhat¹ & S. S. Bhat²

¹Prosthodontics, Yenepoya University, Mangaluru, India, ²Pedodontics, Yenepoya University, Mangaluru, India

Education/service evaluation/audit

1130 PR11.01 Final year dental undergraduates' self-assessed confidence in paediatric dentistry

S. Rajan^{1,2}, S. W. Y. Wong¹, X. Q. Wong¹ & R. D. Vaithilingam³

¹Department of Paediatric, Dentistry and Orthodontics, University of Malaya, Kuala Lumpur, Malaysia, ²Melbourne Dental School, University of Melbourne, Carlton, VIC, Australia, ³Department of Restorative Dentistry, University of Malaya, Kuala Lumpur, Malaysia

1135 PR11.02 A qualitative study of new graduates' views of barriers to dental training in Libya

K. S. Ben Salah¹, A. El Awami² & A. Arheiam^{3,4}

¹Periodontics, University of Benghazi-Faculty of Dentistry, Benghazi, Libyan Arab Jamahiriya, ²Ministry of Health, Benghazi, Libyan Arab Jamahiriya, ³Community and Preventive Dentistry, Benghazi University - Faculty of Dentistry, Benghazi, Libyan Arab Jamahiriya, ⁴Health Service Research, University of Liverpool, Liverpool, United Kingdom

1140 PR11.03 Placement of preformed metal crowns (PMCs) by dental hygienist / therapist (DHT) Vocational Trainees in Scotland: a service evaluation

G. C. Jackson¹ & R. R. Welbury²

¹Remote and Rural Dental Postgraduate Fellow, NHS Education for Scotland, Inverness, United Kingdom, ²Dental School, University of Glasgow, Glasgow, United Kingdom

1145 PR11.04 An audit of sedation record keeping in the public dental service

S. O'Raw, J. Diamond & K. Mccaig
Dental, NHS Lanarkshire, Motherwell, United Kingdom

- 1150 PR11.05 Development of a joint paediatric dentistry/oral medicine clinic within a hospital setting**
D. Eltahlah¹, S. Hughes¹, P. Atkin² & M. Collard¹
¹Paediatric Dentistry, University Dental Hospital Cardiff, Cardiff, United Kingdom, ²Oral Medicine, University Dental Hospital Cardiff, Cardiff, United Kingdom
- 1155 PR11.06 Comprehensive dental care under general anaesthesia: carer feedback and satisfaction**
F. Soldani, S. Noveera & H. Tate
Bradford District Care Trust, Bradford, United Kingdom
- 1200 PR11.07 Parent reported reasons for non-attendance to appointment at hospital paediatric dental department**
S. Walley, K. Lee & S. Albadri
Paediatric Department, Liverpool Dental School, Liverpool, United Kingdom
- 1205 PR11.08 An audit of complete documentation of allergy status in the Paediatric Dentistry Department, King's College Hospital**
A. Patel¹, M. Yasin², A. Lim², T. Atiea², J. Mitchell¹ & M. Kabban¹
¹Paediatric Dentistry, King's College London, London, United Kingdom, ²King's College London, London, United Kingdom
- 1210 PR11.09 Patient and parents/carers satisfaction on the joint orthodontic-paediatric clinic (JOP)**
R. Alsourani¹, P. Kandiah² & H. Dhaliwal³
¹Paediatric Dentistry, University of Leeds, Leeds, United Kingdom, ²Paediatric Dentistry, Leeds Dental Institute, Leeds, United Kingdom, ³Orthodontic Department, Leeds Dental Institute, Leeds, United Kingdom
- 1215 PR11.10 Reasons for and sources of referral to paediatric dentistry**
M. G. Brosnan & B. K. Drummond
Oral Sciences, University of Otago School of Dentistry, Dunedin, New Zealand
- 1220 PR11.11 Service evaluation of the 'piggy back' service provided by Newcastle Dental Hospital**
V. Hind, Y. S. Chau, C. R. Vernazza, L. Burbridge & M. Moffat
Department of Child Dental Health, Newcastle upon Tyne NHS Foundation Trust, Newcastle upon Tyne, United Kingdom
- 1225 PR11.12 An audit of Auto transplantation cases carried out at Birmingham Dental Hospital from 2006 to 2014**
D. Shelat & A. James
Paediatric Department, Birmingham Dental Hospital, Birmingham, United Kingdom
- 1230 PR11.13 Paediatric dental anaesthesia safety: where are we now post-WHO surgical safety checklist?**
S. Khan & T. Kandiah
Dental and Maxillofacial Department, Surrey and Sussex NHS Healthcare Trust, Redhill, United Kingdom
- 1235 PR11.14 An audit for preformed stainless steel crown documentation: indications for placement and post operative instructions**
S. A. Alraeesi & M. Alhalabi
Paediatric Dentistry, Dubai College of Dental Medicine, Dubai, United Arab Emirates
- 1240 PR11.15 Audit of paediatric dental referrals into a community dental service requiring treatment plan modifications**
S. L. Charnock¹ & R. Wassall²
¹Northumbria Community Dental Services, Newcastle Upon Tyne, United Kingdom, ²School of Dental Sciences, Newcastle University, Newcastle Upon Tyne, United Kingdom
- 1245 PR11.16 Role of a 'video assisted lecture' on changing Albanian undergraduate students' opinions regarding pain free dental injections in children**
O. O. Kuscu¹, D. Hysi², E. Caglar¹, C. Toti² & E. Droboniku²
¹Private Dental Office Istanbul/Tirana, Istanbul, Turkey, ²School of Dentistry, Tirana University, Tirana, Albania
- 1250 PR11.17 What is the burden of care for adolescent dental patients? A service evaluation**
J. K. E. Hook¹, T. Park², S. Albadri¹ & M. M. F. Skene³
¹Paediatrics, University of Liverpool, Liverpool, United Kingdom, ²University of Liverpool, Liverpool, United Kingdom, ³Paediatrics, University Dental Hospital Manchester, Manchester, United Kingdom
- 1255 PR11.18 Teaching of overlapping subjects in paediatric dentistry**
C. V. Lyttle, F. R. Stoops, A. Crighton & R. R. Welbury
Paediatric and Oral Medicine Departments, University of Glasgow, Glasgow, United Kingdom
- 1130 PR11.19 The use of dental dam during pulp therapy in paediatric patients**
B. H. Ghaith, M. Alhalabi & M. Kowash
Paediatric Dentistry, Dubai College of Dental Medicine, Dubai, United Arab Emirates
- 1135 PR11.20 Prescribing audit based in a paediatric dentistry hospital department**
D. Singh, M. Lau, F. McDowall & C. Campbell
Oral Health Directorate, NHS Greater Glasgow and Clyde, Glasgow, United Kingdom
- 1140 PR11.21 Fluoride varnish application in paediatric patients and the role of incentivisation in improving clinician behaviours**
F. R. Stoops, E. Dunbar, F. Hogg & C. Campbell
Paediatric Dentistry, Glasgow Dental Hospital, Glasgow, United Kingdom
- 1145 PR11.22 The utilisation of theatre time for paediatric dental care using propofol intravenous sedation**
K. L. Swales¹, L. McClean¹, V. Srinivasan¹, S. Rolfe² & M. Thirukkamu²
¹Department of Child Dental Health, University Dental Hospital Manchester, Manchester, United Kingdom, ²Department of Anaesthetics, Royal Manchester Children's Hospital, Manchester, United Kingdom
- 1150 PR11.23 A service evaluation of diagnostic yield of pre-operative phlebotomy for healthy paediatric dental patients receiving treatment under general anaesthetic**
L. Ridsdale¹, S. Barry² & R. Balmer¹
¹Department of Paediatric Dentistry, Leeds Dental Institute, Leeds, United Kingdom, ²Department of Paediatric Dentistry, University Dental Hospital Manchester, Manchester, United Kingdom
- 1155 PR11.24 Antibiotic prescribing practices of East Surrey Hospital Dental and Maxillofacial department**
T. Kandiah, A. Patrick & T. Stokes
Dental and Maxillofacial Dept, East Surrey Hospital, Redhill, United Kingdom
- 1200 PR11.25 Audit of 'Did Not Attend' (DNA) appointments for 0-16 year old children across Leeds Community Dental Service (CDS)**
M. Kalkani¹ & S. Kindelan²
¹Paediatric Dentistry, University of Leeds, Leeds Dental Institute, Leeds, United Kingdom, ²Paediatric Dentistry, Leeds Community Dental Service, Leeds, United Kingdom
- 1205 PR11.26 An audit of documentation of conscious sedation in primary dental care**
C. A. Yeung¹ & S. A. Khan²
¹Public Health, NHS Lanarkshire, Bothwell, United Kingdom, ²Hamilton Dental Centre, Hamilton, United Kingdom

- 1210 PR11.27 An audit comparing record keeping in electronic and paper formats on a paediatric dentistry student teaching clinic**
K. L. O'Donnell¹, A. Maxwell², W. Anderson³, V. Shadrick³, G. L. Richardson⁴ & J. I. Foley⁵
¹Paediatric Dentistry, King's College Hospital, London, United Kingdom, ²Charles Clifford Dental Hospital, Sheffield, United Kingdom, ³University of Aberdeen, Aberdeen, United Kingdom, ⁴Glasgow Dental Hospital, Glasgow, United Kingdom, ⁵Edinburgh Dental Institute, Edinburgh, United Kingdom
- 1215 PR11.28 Current referral trends for paediatric dental extractions under general anaesthesia at the University Dental Hospital, Cardiff**
L. Davies, A. Springall, S. King & M. Collard
 Paediatric Dentistry Department, University Dental Hospital, Cardiff, United Kingdom
- 1220 PR11.29 Non-attendance of paediatric dental patients: an audit to assess practitioner action**
S. Bhatia¹ & S. Hughes²
¹Paediatric Dentistry, University Dental Hospital Cardiff, Cardiff, United Kingdom, ²University Dental Hospital Cardiff, Cardiff, United Kingdom
- 1225 PR11.30 A survey of paediatric dentistry undergraduate teaching in the UK**
W. Hayat & S. Sood
 Paediatric Dentistry, Kings College London, London, United Kingdom
- 1230 PR11.31 An audit of parent satisfaction in a paediatric dental department, Eastman Dental Hospital, UCLH**
M. Neil & A. Johnson
 Department of Paediatric Dentistry, Eastman Dental Hospital, London, United Kingdom
- 1235 PR11.32 Acceptability and efficacy of nitrous oxide inhalation sedation from a parent/patient perspective**
A. B. Ammari
 Soho Centre for Health and Care, Community and Specialist Dental Services, Central London Community Healthcare NHS trust, London, United Kingdom
- 1240 PR11.33 An evaluation of the use of biodentine as an apical barrier**
S. C. Hughes, A. Wallace & H. Zaitoun
 Department of Paediatric Dentistry, Charles Clifford Dental Hospital, Sheffield, United Kingdom
- 1245 PR11.34 Assessment of the reason for referral to secondary care and the assessment therein of children with Molar Incisor Hypomineralisation**
M. Al-Chihabi & S. Bary
 Paediatric Dentistry, Manchester Dental Hospital, Manchester, United Kingdom
- 1250 PR11.35 Pediatric dentistry undergraduate program: comparing students performance before and after curriculum reorientation**
A. E. Haddad¹, M. C. Skelton-Macedo², J. S. L. Romero¹, D. P. Raggio¹, C. J. F. Alencar³ & M. S. Bonecker¹
¹Orthodontics and Pediatric Dentistry, University of Sao Paulo/Faculty of Dentistry, Sao Paulo, Brazil, ²Teledentistry Center, University of Sao PauloPaulo/Faculty of Dentistry, Sao Paulo, Brazil, ³Pediatric Dentistry, University Paulista/Faculty of Dentistry, Sao Paulo, Brazil
- 1255 PR11.36 Use of theatre time for paediatric dental operating lists at the Eastman Dental Hospital, University College London Hospitals**
P. Cooper, U. Devalia & A. Patrick
 Paediatric Dentistry, Eastman Dental Hospital, London, United Kingdom
- 1130 PR11.37 Developing an oral health clinical practice guideline for a children's hospital**
K. J. Oliver¹, M. Ho², T. A. Parsons¹, P. J. Judd¹, M. J. Casas¹
¹Dentistry, The Hospital for Sick Children, Toronto, ON, Canada, ²Nursing Practice, The Hospital for Sick Children, Toronto, ON, Canada
- 1135 PR11.38 Impact of educational program for institutionalized special-care patient's guardians**
S. Monsalves, S. Krämer, P. Espinoza & M. Valle
 Pediatric Dentistry, University of Chile, Santiago, Chile
- 1140 PR11.39 Evaluation of the clinical documentation during the use of nitrous oxide inhalation sedation for dental treatment**
G. K. Hussain, I. Hussein, M. Kowash & M. Alhalabi
 Dubai College of Dental Medicine, Dubai, United Arab Emirates
- 1145 PR11.40 Preventing ECC: the "play-way"**
N. Srivastava, V. Adlakha, A. Bharadwaj & M. Mohan
 Paedodontics & Preventive Dentistry, Subharti Dental College & Hospital, Meerut, India
- 1150 PR11.41 Acceptability of fissure sealants on undergraduate clinics**
R. Kaur, R. Mattiozzi, M. Ogetre & S. Sood
 Paediatric Dentistry, King's College London Dental Institute, London, United Kingdom
- 1155 PR11.42 Three dimensional virtual reality system for pediatric dental training**
M. Ozaki, T. Hashimoto & I. Kaori
 Fukuoka Dental College, Fukuoka, Japan
- 1200 PR11.43 Improving the appropriateness of paediatric referrals to community dental services: a completed cycle**
A. J. Comerford
 Community Dental Services, Barts Health NHS Trust, London, United Kingdom
- 1205 PR11.44 Audit of caries risk assessment and caries prevention within the salaried dental service**
L. Duffy
 Zetland House Dental Clinic, Salaried Dental Service, Northallerton, United Kingdom
- 1210 PR11.45 Utilization of dental services among secondary school students in Port Harcourt, Nigeria**
J. Eigbobo¹ & C. Obiajunwa²
¹University of Port Harcourt, Port Harcourt, Nigeria, ²University of Port Harcourt Teaching Hospital, Port Harcourt, Nigeria
- 1215 PR11.46 Repeat attendance by paediatric patients on general anaesthetic lists over 5 years, Oxfordshire Salaried Primary Care Dental Service (OSPCDS)**
N. A. Ackuaku & E. Nguyen
 Oxfordshire Salaried Primary Care Dental Service, Oxfordshire, United Kingdom
- 1220 PR11.47 Effect of b-learning in Objective Structured Clinical Examination (OSEC) in practice assessment pterygomandibular technique.**
C. J. F. Alencar^{1,2}, A. F. B. Calvo^{2,3}, M. Bonecker³ & A. E. Haddad³
¹Orthodontic and Pediatric Dentistry, University of Sao Paulo, São Paulo, Brazil, ²Orthodontic and Pediatric Dentistry, University Paulista / Faculty of Dentistry, Campinas, Brazil, ³University of Sao Paulo / Faculty of Dentistry, São Paulo, Brazil
- 1225 PR11.48 Child abuse and role of the paediatric dentist**
B. Vardhana¹ & K. R. Vijetha²
¹Dept of Dentistry, ESIC Medical College & Hospital, Gulbarga, India, ²Anupam Dental Care Centre, Gulbarga, India

Saturday 4th July, 1600 hours

Restorative dentistry (including endodontics/prosthetics/dental materials)

1600 PR08-2.01 Effect of different parameters of Er:YAG laser irradiations on class V composite restorations: a microleakage study
E. B. Tuna¹, E. Ozel² & E. Firatli³
¹Department of Pediatric Dentistry, University of Istanbul, Faculty of Dentistry, Istanbul, Turkey, ²Department of Restorative Dentistry, University of Kocaeli, Faculty of Dentistry, Kocaeli, Turkey, ³Department of Periodontology, University of Istanbul, Faculty of Dentistry, Istanbul, Turkey

1605 PR08-2.02 Response of pulp to MTA and N-hexyl cyanoacrylate in pulpotomies of rat's teeth
A. P. Silva, C. S. Muñoz, Y. M. Beneito, A. V. Hernández & A. J. O. Ruiz
Stomatology, University of Murcia, Murcia, Spain

1610 PR08-2.03 Clinical performance of compomer strip crowns in primary incisors in children with high risk caries who underwent GA
S. Michal
Specialized Private Dental Practice, Warsaw, Poland

1615 PR08-2.04 Bonding of self-adhering flowable composite-resin versus total-etch to dentin surface of permanent molars
M. A. Rashed¹, F. K. Abdel Gawad¹, M. A. Mohammed² & R. M. Abdelraouf³
¹Pediatric Dentistry and Dental Public Health, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt, ²Pediatric and Community Dentistry, Faculty of Oral and Dental Medicine, October 6 University, Giza, Egypt, ³Biomaterial, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt

1620 PR08-2.05 Shear bond strength of two different types of flowable composite-resin to enamel surface of deciduous molars
M. A. Mohammed¹, M. A. Rashed², F. K. Abdel Gawad² & R. M. Abdelraouf³
¹Pediatric and Community Dentistry, Faculty of Oral and Dental Medicine, October 6 University, Giza, Egypt, ²Pediatric Dentistry and Dental Public Health, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt, ³Biomaterial, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt

1625 PR08-2.06 Clinical evaluation of microabrasion and resin infiltration applications on white spot lesions
C. Buyuk & N. Akal
Pediatric Dentistry, Gazi University Faculty of Dentistry, Ankara, Turkey

1630 PR08-2.07 Pediatric preformed crowns in a dental school clinic: parents' preference and reasons for choice
N. R. Chedid, J. C. Abou Chedid, N. Mouchayleh & B. Melki
Pediatric Dentistry, Saint Joseph University, Beirut, Lebanon

1635 PR08-2.08 Healing with incomplete root development after 40 months following revascularization: a case report
M. Akyildiz¹, M. Erkmen Almaz² & I. Şaroğlu Sönmez¹
¹Pediatric Dentistry, Adnan Menderes University Faculty of Dentistry, Aydın, Turkey, ²Pediatric Dentistry, Kırıkkale University Faculty of Dentistry, Kırıkkale, Turkey

1640 PR08-2.09 Regenerative endodontic treatment of an immature permanent molar with a necrotic pulp: a case report
P. Önal & N. Ötaş
Gazi University, Ankara, Turkey

1645 PR08-2.10 Clinical and radiographic evaluation of MedCem Portland Cement in pulpotomies of primary molars: a pilot study
M. Armas Serret, C. Cuadros-Fernández, A. I. Lorente-Rodríguez, S. Saez & M. Mercadé-Bellido
Universitat Internacional de Catalunya, Sant Cugat del Valles, Spain

1650 PR08-2.11 Immature permanent teeth with apical periodontitis treated with apexogenesis technique: a report of case
Y. Li, Y. Lin, X. Liang, Y. Ji & Y. Zhang
Pediatric Dentistry, Dalian Stomatological Hospital, Dalian, China

1655 PR08-2.12 The effect of Er:YAG laser irradiation on the bond strength of fiber-reinforced composite with various adhesive systems to dentin
S. Keleş¹, G. Dinç², G. Güzel¹ & I. Sönmez¹
¹Department of Pedodontics, Adnan Menderes University, Aydın, Turkey, ²Department of Restorative Dentistry, Adnan Menderes University, Aydın, Turkey

1600 PR08-2.13 Effect of Er:YAG laser irradiation after silver-diamine-fluoride and ammonium hexafluorosilicate applications on the microtensile-bond-strength in sound and caries-affected-dentin and changes in the structure of dentin
B. Bolukbası, E. Kucukyilmaz, M. Akcay & S. Savas
Department of Pediatric Dentistry, Izmir Katip Celebi University, Faculty of Dentistry, Izmir, Turkey

1605 PR08-2.14 Analysis of the composition and maturation of a new tricalcium silicate cement - Medcem MTA®
L. C. Martens¹, C. Vercruysse², D. Schaubroeck³ & S. Rajasekharan¹
¹Department of Paediatric Dentistry, PAECOMEDIS Research Cluster, Ghent University, Ghent, Belgium, ²Department of Basic Medical Science - Biomaterials Group, Ghent University, Ghent, Belgium, ³Centre for Microsystems Technology, Imec, Department of Electronics and Information Systems, Faculty of Engineering and Architecture, Ghent University, Ghent, Belgium

1610 PR08-2.15 Density and tubular diameter in different dentin depths associated with bond strength
A. G. S. Silva, G. G. Domingues, T. K. Tedesco, A. F. B. Calvo & D. P. Raggio
Department of Orthodontics and Paediatric Dentistry, University of Sao Paulo, Sao Paulo, Brazil

1620 PR08-2.16 Fracture resistance of two types of full ceramic crowns restoring primary teeth
O. El Shahawy, M. A. El Sayed & R. A. Nasr
Pediatric Dentistry, Cairo University, Cairo, Egypt

1625 PR08-2.17 Revascularization treatment of necrotic immature permanent tooth - a case report
S. Hrvatin¹, J. Jeličić², L. Škojo³, I. Čuković-Bagić⁴ & H. Jurić⁴
¹School of Medicine, University of Rijeka, Rijeka, Croatia, ²Health Centre Zagreb-East, Zagreb, Croatia, ³Department of Paediatric and Preventive Dentistry, Dental Policlinic of Split, Split, Croatia, ⁴Department of Pediatric and Preventive Dentistry, School of Dental Medicine, University of Zagreb, Zagreb, Croatia

1630 PR08-2.18 Fixed aesthetic appliance for replacing lost anterior primary teeth: a case series
J. M. Farzan
Pedo Planet Pediatric Dental Centres, Chennai, India

- 1635 PR08-2.19 Treating early loss of primary teeth: effectiveness of fixed prosthesis**
A. Adanero, V. Gómez, B. Gómez, E. M. Martínez & P. Planells
Department IV-Pediatric Dentistry, Faculty of Dentistry, Universidad Complutense de Madrid, Madrid, Spain
- 1640 PR08-2.20 Success rates of pulp protection with either Dycal® and Vitrebond™ or Biodentine™ in young permanent teeth with deep caries of patients 6-18 years old**
S. Theppimarn, P. Chompu-Inwai & T. Sastraruji
Chiang Mai University, Chiang Mai, Thailand
- 1645 PR08-2.21 Effect of nitrous oxide/oxygen inhalation sedation on the success rate of pulpal anesthesia in subjects with irreversible pulpitis premedicated with ibuprofen**
S. Simprasert, P. Chompu-Inwai & T. Sastraruji
Chiang Mai University, Muang Chiang Mai, Thailand
- 1650 PR08-2.22 Smile for life: management of dental anomalies in a child with acute myeloid leukemia in Sri Lanka**
P. W. N. Wickramaratne, S. S. Siriwardana & I. R. Perera
Ministry of Health, Dental Institute Colombo, Sri Lanka, Colombo, Sri Lanka
- 1655 PR08-2.23 Effect of curing depth on polymerization of light-cured composite resins**
E. Song^{1,2}, Y. Kim¹, Y. Bae¹, S. Shin³, Y. Kwon³ & T. Jeong¹
¹Pediatric Dentistry, Pusan National University School of Dentistry, Yangsan, Korea, Republic of, ²Goodwill Junior Dental Clinic, Busan, Korea, Republic of, ³Pusan National University School of Dentistry, Yangsan, Korea, Republic of
- 1600 PR08-2.24 Microleakage of newly developed glass carbomer cement in primary teeth**
K. G. Ulu Guzel, S. Keles, M. Akyildiz, G. Dogusal, M. Daloglu & I. Sonmez
Department of Pediatric Dentistry, Adnan Menderes University Faculty of Dentistry, Aydin, Turkey
- 1605 PR08-2.25 Success of sodium hypochlorite versus formocresol pulpotomy: a 30-month study**
P. Chompu-Inwai¹ & S. Chaowarat²
¹Orthodontics and Pediatric Dentistry, Chiang Mai University, Chiang Mai, Thailand, ²Sappasitpirsong Hospital, Ubonratchathane, Thailand
- 1610 PR08-2.26 Treatment outcome of primary molars' restorations placed under general anesthesia: long-term result**
A. Ciganovica, I. Viduskalne & I. Maldupa
Riga Stradins University, Institute of Stomatology, Riga, Latvia
- 1615 PR08-2.27 A study on the penetration ability of early deciduous teeth caries with resin infiltration**
L. Yingqun, X. Xin & Z. Yixin
The Affiliated Stomatology Hospital of Harbin Medical University, Harbin Medical University, Harbin, China
- 1620 PR08-2.28 Prefabricated composite veneers: an interesting treatment option for the pediatric dentist**
S. Lopez Cazaux^{1,2}, T. Prud'homme^{1,2}, C. Lussan¹, I. Hyon² & S. Dajean Trutaud^{1,2}
¹Pediatric Dentistry, Faculty of Dentistry, Nantes University, Nantes, France, ²Nantes Hospital, Nantes, France
- 1625 PR08-2.29 Treatment of infected primary molars with lesion sterilization and tissue repair: a case series**
A. Akbay Oba¹, S. Alp¹, I. Şaroğlu Sönmez² & L. Özer³
¹Pediatric Dentistry, Kırıkkale University Faculty of Dentistry, Kırıkkale, Turkey, ²Pediatric Dentistry, Adnan Menderes University Faculty of Dentistry, Aydin, Turkey, ³Pediatric Dentistry, Ankara University Faculty of Dentistry, Ankara, Turkey
- 1630 PR08-2.30 Regenerative endodontic therapy**
J. S. C. Heijdra^{1,2}, M. E. C. Elfrink^{3,4}, J. B. Krikken^{5,6}, W. H. Kouwenberg-Bruring^{7,8}, H. C. Kouwenberg^{7,8} & K. L. Weerheijm^{6,9}
¹Tandartspraktijk Puntgaaf, Barneveld, Netherlands, ²Paediatric Research Project (PREP), Barneveld, Netherlands, ³Mondzorgcentrum Nijverdal, Nijverdal, Netherlands, ⁴Paediatric Research Project (PREP), Nijverdal, Netherlands, ⁵Kindertand-West, Amsterdam, Netherlands, ⁶Paediatric Research Project (PREP), Amsterdam, Netherlands, ⁷Mondmaatjes & Dental Care Clinic Kouwenberg-Bruring, Doetinchem, Netherlands, ⁸Paediatric Research Project (PREP), Doetinchem, Netherlands, ⁹Kindertand, Amsterdam, Netherlands
- 1635 PR08-2.31 Changes in dental rehabilitation treatment options for children with disabilities**
N. Rózsa, É. Mlínkó, K. Déri & G. Fábíán
Paediatric Dentistry and Orthodontics, Semmelweis University Budapest, Budapest, Hungary
- 1640 PR08-2.32 Treatment outcomes for direct pulp capping procedures with calcium hydroxide and MTA: 12 months evaluation period**
V. Tupčijenko & I. Viduskalne
Department of Conservative Dentistry, Riga Stradins University, Riga, Latvia
- 1645 PR08-2.33 Following the aesthetic pediatric crowns: the CAD/CAM composite resins for primary teeth**
E. Dursun^{1,2,3}, A. Monnier-Da Costa^{1,3} & C. Moussaly²
¹Paediatric Dentistry, Paris Descartes University, Montrouge, France, ²Dental Materials Research Unit, Innovations and Interfaces, Montrouge, France, ³Paediatric Dentistry, Mondor-Chenevier Hospital Complex, Créteil, France
- 1650 PR08-2.34 Treatment of special patient with Opitz Frias syndrome**
V. Koutsis¹, M. Sifakaki¹, R. Gkougioumtzan², I. Sifakakis³, G. Vadiakas¹ & N. Theologie-Lygidakis²
¹Department of Paediatric Dentistry, University of Athens, Athens, Greece, ²Department of Oral and Maxillofacial Surgery, University of Athens, Athens, Greece, ³Department of Orthodontics, University of Athens, Athens, Greece
- 1655 PR08-2.35 A retrospective longevity private practice-based study of the posterior composite resin restorations**
M. Cardoso¹, C. Pereira², C. M. Velho², L. R. Regattieri³, A. Konrath² & A. Borgatto²
¹Pediatric Dentistry, Federal University of Santa Catarina, Florianópolis, Brazil, ²Federal University of Santa Catarina, Florianópolis, Brazil, ³Private Paediatric Dental Practice, Curitiba, Brazil
- 1600 PR08-2.36 Resin infiltration of mild to moderate idiopathic white spot lesions - a case presentation**
D. Z. Nagy, I. Tarján, I. Simon, G. Fábíán & N. Rózsa
Department of Paediatric Dentistry and Orthodontics, Semmelweis University, Budapest, Hungary
- 1605 PR08-2.37 Management and three-year follow up of dens invaginatus. A report of two cases**
B. Sandor, K. Krajczar, A. Nagy & I. Szanto
Dentistry, Oral and Maxillofacial Surgery, University of Pecs, Pecs, Hungary
- 1610 PR08-2.38 Dental laser applications for children: which wavelength for which tissue?**
S. Peker
Pediatric Dentistry Department, Marmara University Faculty of Dentistry, Istanbul, Turkey

1615 PR08-2.39 Mesenchymal stem cells homing to the root canal of immature permanent teeth during apical periodontitis and regenerative endodontic treatment
 M. Chen, X. Chen, Y. Liu & Z. F. Bao
 Department of Paediatric Dentistry, School of Stomatology, China Medical University, Shenyang, China

1620 PR08-2.40 A simple technique modification to prepare zirconia crowns on primary teeth
 E. B. Acosta¹, H. A. Ramirez¹, R. M. Valencia², M. E. Garcia¹ & E. E. Rangel¹
¹Pediatric Dentistry, UANL Universidad Autonoma de Nuevo Leon, Monterrey, Mexico, ²Pediatric Dentistry, UNITEC, Distrito Federal, Mexico

1625 PR08-2.41 Application and comparison of diode laser pulpotomy and formocresol pulpotomy
 S. L. Pei & J. F. Liu
 National Yang-Ming University, Taipei, Taiwan, Republic of China

1630 PR08-2.42 Demineralized bone matrix(DBM) used for direct pulp capping in rats
 Y. F. Mei^{1,2}, X. Zhu² & Q. Liu¹
¹Nanjing Medical University, Nanjing, China, ²Jiangsu Key Laboratory of Oral Disease, Nanjing, China

1635 PR08-2.43 An audit of the materials used to restore the primary molars of children at Barts Health NHS Trust Community Dental Service
 J. Doughty¹, K. Almukhtar² & N. Pearson¹
¹Community Dental Service, Barts Health NHS Trust, London, United Kingdom, ²Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, United Kingdom

1640 PR08-2.44 Effect of additional acid etching for single-step self-etch adhesives on dentin bond strength in primary teeth
 J. Kim, Y. Kim & T. Jeong
 Pediatric Dentistry, School of Dentistry, Pusan National University, Yangsan, Korea, Republic of

1645 PR08-2.45 Infiltration of proximal caries in a primary molar: two years clinical and radiographic follow-up
 M. M. Ammar^{1,2}, A. S. Letieri¹, R. C. Jorge¹, I. P. R. Souza¹ & V. Soviero³
¹Pediatric Dentistry and Orthodontics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, ²Specific Training, Fluminense Federal University, Nova Friburgo, Brazil, ³Preventive and Community Dentistry, State University of Rio de Janeiro, Rio de Janeiro, Brazil

1650 PR08-2.46 Microbial evaluation of immature permanent teeth with necrotic pulp with triple antibiotic paste or calcium hydroxide with 2% Chlorhexidine gel in pulp revascularization
 S. Guzman¹, O. Cortes², M. A. Alcayna² & J. Boj³
¹Pediatric Dentistry, Universidad de Murcia, Universidad de Murcia Murcia, Spain, ²Universidad de Murcia, Murcia, Spain, ³Universidad de Barcelona, Barcelona, Spain

Basic science research

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 W. Nezar¹ & A. H. Muhamad²
¹Orthodontics, Arab -American University, Jenin, Palestinian Territory, Occupied, ²Arab -American University, Jenin, Palestinian Territory, Occupied

1605 PR12.02 The relationship between children's primary teeth's occlusal and bodie's gravity center movement
 Y. Ji
 Pediatric Dentistry, Dalian Stomatological Hospital, Dalian, China

1610 PR12.03 Distinct post-transcriptional regulation of monocarboxylate transporter 1 expression between neurons and non-neuronal cells in the mouse brain
 C. Takasaki & Y. Yawaka
 Hokkaido University Graduate School of Dental Medicine, Sapporo, Japan

1615 PR12.04 Salivary α -Amylase activity, Immunoglobulin A, G and total protein concentration in children with different level of dental caries
 M. Ghasempour¹, S. Mahjoub², A. Mostafazadeh² & A. Rahmati²
¹Pediatric Dentistry, Babol University of Medical Sciences, Babol, Iran, Islamic Republic of, ²Babol University of Medical Sciences, Babol, Iran, Islamic Republic of

1620 PR12.05 The role of AEG-1 in dental pulp cells during inflammatory reaction
 M. He
 Dept. of Pediatric Dentistry, Wuhan University Hospital of Stomatology, Wuhan, China

1625 PR12.06 Isolation, identification and biological characteristics of Beagle stem cells from pulp of deciduous teeth
 F. Liu, Y. Liu, S. S. Dai, N. H. Ma & Q. Y. Guo
 Department of Pediatric Dentistry, Stomatology Hospital of Xi'an Jiaotong University, College of Medicine, Xi'an, China

1630 PR12.07 Anti-growth effects of triple/double antibiotic paste on stem cells from exfoliated deciduous teeth (SHED)
 Y. Y. Tu¹, T. Y. Chen^{1,2}, Y. H. Chang^{1,2}, Y. C. Hsu^{2,3}
¹Pediatric Dentistry, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, Republic of China, ²Graduate Institute of Medical Science, College of Health Sciences, Chang Jung Christian University, Tainan, Taiwan, Republic of China, ³Innovative Research Center of Medicine, College of Health Sciences, Chang Jung Christian University, Tainan, Taiwan, Republic of China

1635 PR12.08 Changes of alveolar bone volume for healthy and ovariectomized rats in ligature induced experimental periodontitis
 J. Dai & Y. Zhang
 Wuhan University Hospital of Stomatology, Wuhan, China

1640 PR12.09 Analysis of the tetR dependent regulation in Treponema denticola
 Y. Arai¹, S. Shintani¹ & K. Ishihara²
¹Pediatric Dentistry, Tokyo Dental College, Tokyo, Japan, ²Microbiology, Tokyo Dental College, Tokyo, Japan

1645 PR12.10 Role of Wnt signaling in dental mesenchyme during serial tooth formation
 J. Shimomura-Kuroki^{1,2}, M. Jussila¹ & I. Thesleff¹
¹Institute of Biotechnology, University of Helsinki, Helsinki, Finland, ²The Nippon Dental University, School of Life Dentistry at Niigata, Niigata, Japan

1650 PR12.11 Maternal occlusal disharmony suppresses cell proliferation in the hippocampus of pups
 M. Iinuma¹, S. Mori¹, H. Kondo¹, C. Murabayashi¹, Y. Tamura¹ & K. Y. Kubo²
¹Pediatric Dentistry, Asahi University, Mizuho, Japan, ²Seijoh University, Toukai, Japan

1655 PR12.12 CCL17 enhances saliva IgA response and protection of anti-caries DNA vaccine
 Y. Yan
 School of Stomatology, Tongji University, Shanghai, China

1600 PR12.13 Immunohistochemical observation for multirrooted tooth formation in rat
 E. Osawa¹, T. Yamazaki², H. Yamamoto² & S. Shintani¹
¹Department of Pediatric Dentistry, Tokyo Dental College, Tokyo, Japan, ²Department of Histology and Developmental Biology, Tokyo Dental College, Tokyo, Japan

- 1605 PR12.14 Cross-talk between PDGF-BB and BMP-2 is important for the stemness of dental pulp stem cells**
Y. Sugawara, M. Arakaki, K. Saito, A. Yamada & S. Fukumoto
Division of Pediatric Dentistry, Tohoku University Graduate School of Dentistry, Sendai, Japan
- 1610 PR12.15 Time-sequenced expression of Notch in enamel organ cells of mouse incisor after mechanical injury**
S. C. Wang, Q. R. Yin, J. Tong
Dept. of Preventive Dentistry, School of Stomatology, The Fourth Military Medical University, Xi'an, China
- 1615 PR12.16 Comprehensive expression analysis of the gene in connection with mouse lack tooth development of symptoms**
N. Ogawa¹, W. Morita² & T. Shimizu²
¹Department of Pediatric Dentistry, Nihon University Graduate School of Dentistry at Matsudo, Matsudo, Japan, ²Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan
- 1620 PR12.17 Investigation of influencing factors for dental caries susceptibility using mice**
A. Hiraki¹, C. Endo², S. Yamamoto-Nemoto², K. Shimizu² & T. Shimizu²
¹Department of Pediatric Dentistry, Nihon University Graduate School of Dentistry at Matsudo, Matsudo, Japan, ²Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan
- 1625 PR12.18 Differentiation potential of dental pulp stem cells derived from hypophosphatasia model mouse**
E. Yokoi¹, S. Yamamoto-Nemoto² & T. Shimizu²
¹Department of Pediatric Dentistry, Nihon University Graduate School of Dentistry at Matsudo, Matsudo, Japan, ²Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan
- 1630 PR12.19 Dental pulp stem cells from natal teeth: isolation and morphological study**
K. M. Rezende¹, J. P. Zuim² & M. Bönecker¹
¹Pediatric Dentistry, University of Sao Paulo, São Paulo, Brazil, ²University of Sao Paulo, São Paulo, Brazil
- 1635 PR12.20 Functional analysis of the glutamine metabolism gene in Streptococcus mutans**
Y. Morikawa, Y. Takashima, K. Fujita & M. Matsumoto-Nakano
Department of Pediatric Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan
- 1640 PR12.21 Intra-accumbal administration of endomorphin-2 decreases accumbal acetylcholine efflux of freely moving rats**
Y. Kiguchi¹, S. Yamamoto-Nemoto², K. Shimizu² & T. Shimizu²
¹Department of Pediatric Dentistry, Nihon University Graduate School of Dentistry at Matsudo, Matsudo, Japan, ²Department of Pediatric Dentistry, Nihon University School of Dentistry at Matsudo, Matsudo, Japan
- 1645 PR12.22 The impact of pulpitis of different degree on cell proliferation and osteoblastic differentiation of DPSC in Beagle immature premolars**
L. Long¹, Z. Yuming² & G. Lihong²
¹Peking University School and Hospital of Stomatology, Beijing, China, ²Pediatric Dentistry, Peking University Hospital and School of Stomatology, Beijing, China
- 1650 PR12.23 Activation of AMPK suppresses glia activation and alleviates trigeminal neuralgia**
Y. Yang¹, L. Hu² & L. Wang¹
¹Affiliated Dental Hospital of Nanjing Medical University, Nanjing, China, ²Nanjing Medical University, Nanjing, China
- 1655 PR12.24 Expression of receptor activator of NF- κ B ligand and osteoprotegerin in chronic periapical granuloma of deciduous teeth**
J. Shang, N. Yang, H. Zhao & Y. Zhou
Department of Pedodontics, Capital Medical University School of Stomatology, Beijing, China
- 1660 PR12.25 Construction of Cadherin11 expression vector and its effect on the growth of rat dental pulp cells**
Y. Wu
Guangxi Medical University, Nanning, China
- 1665 PR12.26 Researches on expression of glutamate receptors in human odontoclasts and effects on viability of odontoclasts**
F. Huang¹, H. Kong¹, H. He², Z. Gao¹ & J. Liu¹
¹Department of Paediatric Dentistry, Guanghua School of Stomatology, Sun Yat-sen University, Guangzhou, China, ²Guangdong Provincial Key Laboratory of Stomatology, Guanghua School of Stomatology, Sun Yat-sen University, Guangzhou, China
- 1670 PR12.27 Photodynamic antimicrobial therapy reduces the production of lactic acid by Streptococcus mutans biofilms**
T. C. Silva¹, A. F. F. Pereira², D. Rios¹, T. M. Oliveira¹ & M. A. A. M. Machado¹
¹Department of Pediatric Dentistry, Orthodontics and Public Health, Bauru School of Dentistry/University of São Paulo, Bauru, Brazil, ²University of São Paulo/Hospital for Rehabilitation of Craniofacial Anomalies, Bauru, Brazil
- 1675 PR12.28 Deciduous periodontal ligament stem cells regulate the formation and apoptosis of osteoclast during physiologic root resorption**
L. Wu, Q. Wang & X. Wang
Department of Pediatric Dentistry, School of Stomatology, The Fourth Military Medical University, Xi'an, China
- 1680 PR12.30 The effects of graded concentrations of xylitol and erythritol on Streptococcus mutans and sobrinus growth**
K. W. White^{1,2}, C. M. Le^{1,2}, A. L. Vorachek^{1,2}, M. Merchant^{1,2}, W. Kabat^{1,2} & M. L. Cannon^{1,2}
¹Northwestern University, Feinberg School of Medicine, Chicago, IL, United States, ²Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, United States
- 1685 PR12.31 Salivary biomarkers in early childhood caries**
D. C. Elsbey^{1,2}, K. B. Hallett^{1,2} & D. J. Manton^{1,2}
¹Melbourne Dental School, University of Melbourne, Melbourne, VIC, Australia, ²Department of Dentistry, Royal Children's Hospital, Melbourne, VIC, Australia
- 1690 PR12.32 The effect of cadherin-11 on the migration and differentiation of rat dental pulp cells**
B. Gao
Guangxi Medical University, Nanning, China
- 1695 PR12.33 The influence of etching and re-mineralization time on enamel re-mineralization of deciduous teeth**
J. Wang & H. Chen
School of Stomatology, Shanghai Jiaotong University, Shanghai, China
- 1700 PR12.34 Comparative investigation of six self-etch adhesives for bonding to dentin of primary teeth**
H. Weber¹, T. Oschmann¹, S. Lucker¹, R. Frankenberger² & N. Krämer¹
¹Pediatric Dentistry, Medical Center for Dentistry, University Medical Center Giessen and Marburg, Campus Giessen, Giessen, Germany, ²Operative Dentistry and Endodontics, Medical Center for Dentistry, University Medical Center Giessen and Marburg, Campus Marburg, Marburg, Germany

1645 PR12.35 Confirmation of a new mutation in the PTH1R-gene over two generations

S. Feierabend¹, B. Hartmann², E. Hellwig¹ & J. Fischer²

¹Department of Operative Dentistry and Periodontology, University Medical Center, Centre for Dental Medicine, University of Freiburg, Freiburg, Germany, ²Institute for Human Genetics, University Medical Center, University of Freiburg, Freiburg, Germany

1650 PR12.36 Using the deciduous tooth as a tool to record early zinc nutrition

N. A. Wahono^{1,2,3}, W. Dirks¹, D. Ford^{2,3} & R. Valentine^{1,2,3}

¹School of Dental Science, Newcastle University, Newcastle Upon Tyne, United Kingdom, ²Institute for Cell and Molecular Biosciences, Newcastle University, Newcastle Upon Tyne, United Kingdom, ³Human Nutrition Research Centre, Newcastle University, Newcastle Upon Tyne, United Kingdom

1655 PR12.37 Characterization of long-term cryopreserved stem cells from human exfoliated deciduous teeth

S. Kamolmatyakul¹ & O. Parnkaew²

¹Preventive Dentistry, Prince of Songkla University, Hadyai, Thailand, ²Price of Songkla University, Hadyai, Thailand

Diagnosis/imaging

1600 PR13.01 A study on factors associated with the eruption disorder of first permanent molars

J. Y. Kim¹, M. S. Kim¹, J. M. Sun¹, G. T. Kim² & S. C. Choi¹

¹Pediatric Dentistry, Kyung Hee University, School of Dentistry, Seoul, Korea, Republic of, ²Oral and Maxillofacial Radiology, Kyung Hee University, School of Dentistry, Seoul, Korea, Republic of

1605 PR13.03 Double dilacerations in an erupted upper central incisor: a case report

L. M. Millar¹, K. J. Donaldson², L. M. Brocklebank³ & L. L. K. Chung⁴

¹Department of Paediatric Dentistry, Glasgow Dental Hospital and School, Glasgow, United Kingdom, ²Department of Radiology, Glasgow Dental Hospital and School, Glasgow, United Kingdom, ³Dental School, University of Glasgow, Glasgow, United Kingdom, ⁴Department of Orthodontics, Glasgow Dental Hospital and School, Glasgow, United Kingdom

1610 PR13.04 The influence of fissure sealants on values of laser fluorescence

T. Toyama¹, Y. Matsubara¹, O. Fukuta¹, M. Malinowski², J. K. Tumba² & M. S. Duggal²

¹Pediatric Dentistry, Aichi Gakuin University, Nagoya, Japan, ²University of Leeds, Leeds, United Kingdom

1615 PR13.05 Diagnostic bitewing radiographs: an audit of compliance with national guidance

A. M. Hargan¹ & P. Fee²

¹Public Dental Officer, NHS Lanarkshire, Coatbridge, United Kingdom, ²Senior House Officer, Dundee Dental Hospital, Dundee, United Kingdom

1620 PR13.06 Determination of total antioxidant capacity of serum and saliva in sickle cell anaemia patients

S. Baliga, P. Bhatiya & N. Thosar
¹Pedodontics & Preventive Dentistry, Sharad Pawar Dental College, Wardha, India

1625 PR13.07 An audit of the documentation of dental radiographic examination justification

D. Ahmed, K. Kowash & M. Al Halabi
¹Paediatric Dentistry, Dubai College of Dental Medicine, Dubai, United Arab Emirates

1630 PR13.08 Influence of exposure settings on the visibility of anatomical landmarks in intraoral radiography

A. A. Al-Humairi & A. Job
¹School of Dentistry and Health Sciences, Charles Sturt University, Wagga Wagga, NSW, Australia

1635 PR13.09 Cone beam computed tomography evaluation of the effect of permanent tooth germ on localization of deciduous teeth apical foramen

S. Sarı¹, A. E. Zeren¹, L. Durutürk¹, O. Gülen² & K. Kamburoğlu³

¹Pediatric Dentistry, Ankara University/Faculty of Dentistry, Ankara, Turkey, ²Oral and Maxillofacial Radiology, 75th Year Dental Hospital, Ankara, Turkey, ³Oral and Maxillofacial Radiology, Ankara University/Faculty of Dentistry, Ankara, Turkey

1640 PR13.10 Validation of method for evaluating pain caused by temporomandibular disorders in youngsters with an intellectual disability

G. Dugashvili¹, G. Menabde², M. Janelidze², L. Van Den Berghe¹ & L. Marks¹

¹Centre of Special Care in Dentistry, PaeCoMeDis, Gent University Hospital, Gent, Belgium, ²Iliia State University, Scientific Research Institute of Medicine, Tbilisi, Georgia

1645 PR13.11 Detection of occlusal caries among children in Madinah, KSA, according to WHO basic methods, ICDAS II and laser fluorescence

O. S. Bahakam, M. A. Mirza, H. A. Al-Ofi, Z. M. Al-Harbi, W. Saadi & A. Bhayat
¹Taibah University, Medina, Saudi Arabia

1650 PR13.12 Prevalence of angulation of the maxillary canine germ

V. L. Castellanos-Contreras,

I. A. Verdugo-Valenzuela, C. A. Fregoso-Guevara, M. A. Zamudio-Gomez & M. E. Torres-Arellano
¹Universidad Autónoma de Baja California, Tijuana, Mexico

1655 PR13.13 Temporomandibular joint changes detected by cone beam computed tomography in children with sleep bruxism and painful symptoms

K. V. Diaz-Serrano¹, F. Lorencetti-Silva², F. G. Leite³, P. Nelson-Filho¹ & F. W. Paula-Silva¹

¹Pediatric Dentistry, School of Dentistry of Ribeirão Preto, University of São Paulo, Ribeirão Preto, Brazil, ²School of Dentistry of Ribeirão Preto, University of São Paulo, Ribeirão Preto, Brazil, ³Ophthalmology, Otolaryngology and Head and Neck Surgery, Medical School of Ribeirão Preto, University of São Paulo, Ribeirão Preto, Brazil

1700 PR13.14 External root resorption of several permanent teeth: a diagnostic clue

G. Ahbab¹, V. Verhaeghe¹, D. Declercq¹, I. Baillieu-Forrestier¹ & T. De Ravel De L'argentière²

¹Department of Oral Health Sciences and Department of Dentistry, Unit of Pediatric Dentistry and Special Dental Care, KU Leuven, Leuven, Belgium, ²Centre for Human Genetics, KU Leuven, University Hospitals Leuven, Leuven, Belgium





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Colgate-Palmolive is a global leader in oral care and is strongly committed to improving oral health globally. The company possesses the leading toothpaste and manual toothbrush brands throughout many parts of the world, according to value share data, including internationally recognised brands, such as: Colgate®, Colgate Total®, Maximum Cavity Protection plus Sugar Acid Neutraliser™, Sensitive Pro-Relief™, Max White One®, elmex®, meridol® and Duraphat®. Colgate-Palmolive continues to build success through new product innovation and stronger engagement with dental professionals, patients and the communities we serve. For more information about Colgate's global business, visit the company's website at www.colgatepalmolive.com and for professional information visit www.colgateprofessional.co.uk and www.colgateoralhealthnetwork.com. To learn more about the Colgate Bright Smiles, Bright Futures® oral health education programme, please visit <http://www.colgatebsbf.com> and to learn about Colgate's support for the Alliance for a Cavity-Free Future, visit www.allianceforacavityfreefuture.eu.

Web: <http://www.colgateprofessional.co.uk/>

Stand: 16

Silver Sponsors



The MAM / BAMED group is headquartered in Austria and Switzerland with another 10 offices responsible for a total of 60 markets. For over 35 years, MAM has been growing into a successful international company and is the market leader in soothers in several European countries. The product range includes soothers, oral care, breastfeeding and feeding products. Our products are the result of intensive teamwork between experts from medicine, research and technology. Consumers, research institutes and medical specialists are involved in product development from the beginning. In-house quality and compliance testing, with up to 40 different testing methods, guarantee the highest quality. This means MAM products support the individual development of every child and make every day baby life easier.

Email: service4professionals@mambaby.com

Web: www.mambaby.com/professionals

Stand: 44

Silver Sponsors



NuSmile is the leading manufacturer worldwide of esthetic full-coverage restorative options for children and for Bio-active dental cements. NuSmile Signature (Pre-veneered) and NuSmile ZR (Zirconia) crowns offer complete selections of tooth-colored crowns for the primary dentition, delivering superior esthetics, simple treatment and durability at affordable prices. Be confident in your restorative choice, if it's from NuSmile it's backed by thorough research, designed to deliver time saving efficiencies, and used by more dentists than any other brand. It's that simple!

Email: intlsupport@nusmilecrowns.com
Web: www.nusmile.com
Twitter: @nusmilecrowns
 #smilesbynusmile

Stand: 36



Since 1922, SHOFU Inc. has been a leading manufacturer of highly acclaimed dental and laboratory supplies trusted around the world. A premier provider of minimally invasive cosmetic solutions, SHOFU Inc. strives to meet patient needs through innovative products that exceed the demands of today's discriminating dental professionals.

SHOFU Inc will be exhibiting the "Giomer Technology" product line, ideally suited for paediatric application based on its unique trilaminar S-PRG filler which has been shown to release 6 types of ions (Na, Sr, Al, F, B, Si) while maintaining aesthetics and strength. These materials have been widely reported to express various bio-active effects such as anti-plaque, remineralization, and acid buffering.

Please visit stand 54 to learn more about: PRG Barrier Coat (Tooth coating material) BeautiSealant (Pit and fissure sealant).

Email: M-Tokushige@Shofu.Co.Jp
Web: <http://www.Shofu.Com/>

Stand: 54

Bronze Sponsor



3M ESPE has a worldwide reputation for bringing new ideas to dentistry that shape (and sometimes reshape) the market. Currently, the company manufactures and markets more than 2,000 dental products and services. We take an uncompromising approach, not only to quality control and testing before our products ever reach you, but to everything we do. From product development and education through to the importance we place on listening to and learning from you.

We are passionately committed to helping solve your problems and to playing a role in defining the industry as it moves into the future.

Tel: +49 8152 7001734
Email: bcerny@mmm.com
Web: www.3M.com

Stand: 53

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Exhibitor Guide

Bridge2Aid

Stand: 60

Toothache can be debilitating, constant, and excruciating; 75% of the world's population do not have access to any oral pain relief. Bridge2Aid is working to change this terrifying statistic. Our goal is clear; provide emergency pain relief to those who need it most, and make a lasting change through training.

Email: Shaenna@Bridge2aid.Org

Web: www.Bridge2aid.Org

Twitter: @Bridge2aid

BugBrush Ltd

Stand: 18

BugBrush is a unique toothbrush designed to tackle the soaring rates of E.C.C - by empowering infants to clean their teeth through play. BugBrush is the first product in the world which combines the plaque removing effectiveness of a toothbrush, with all the fun and safety elements of a toy.

Email: Rowena@Bugbrush.Co.Uk

Web: www.Bugbrush.Co.Uk

Twitter: @Bug_brush

Facebook: Bugbrush

The British Society of Paediatric Dentistry (BSPD)

Stand: 31

The British Society of Paediatric Dentistry (BSPD) is the national society specifically concerned with the oral health of children in the UK. We aim to improve oral health in children and encourage the highest standards of clinical care. BSPD has over 500 members from university and hospital paediatric dental departments, the community dental service as well as specialist and general dental practice.

Undergraduate students, dental therapists, hygienists and other dental auxiliaries are also encouraged to join at specially reduced rates. We encourage colleagues to consider a career in Paediatric Dentistry and provide advice and support to patients and their parents.

The Society has representation on various committees and bodies involved in the development of oral health strategies, and has produced policy documents and position statements on various aspects of oral health and dental care for children. We are currently represented on a Department of Health working group to agree care pathways for children's dentistry and have close working relationships with organisations such as Public Health England, the British Dental Association and the Royal Colleges of Surgeons.

BSPD has thirteen regional branches which meet locally on a regular basis. These meetings have an educational as well as a social function, and include talks by speakers invited to update members about new developments in the field and its associated specialities.

We also have an active media team who co-ordinate our strong media presence, ensuring that children's oral health in the UK remains firmly in the spotlight.

Email: administrator@bspd.co.uk

Web: http://www.bspd.co.uk/

Facebook: https://www.facebook.com/bspduk

DMG Dental-Material GmbH

Stand: 37

For over 50 years DMG has been well-known as the innovative manufacturer of high quality dental materials. The portfolio includes successful brand products such as Luxatemp, LuxaCore or Honigum. With its innovation Icon, DMG opens up ways for caries treatment without drilling. The microinvasive caries infiltration method enables the early arrest of incipient caries without unnecessarily sacrificing healthy hard tissue.

Web: www.dmg-dental.com

Facebook: http://www.facebook.com/dmgdental

DSI HUBER, Dental Science and Innovation

Stand: 7

DSI HUBER is a group of dental scientists and innovators in Munich, specialised on design and distribution of Medcem MTA and Dental Loupes with LED Powerlights.

Email: frank.berlinghoff@dsi-huber.de

Web: www.dsi-huber.de

EAPD

Stand: 30

3rd EAPD Congress, 2nd - 5th June 2016, Belgrade, Republic of Serbia

Email: info@eapd2016-serbia.com, eapdsrb@gmail.com

Web: www.eapd2016-serbia.com

EZPEDO

Stand: 8

EZPEDO introduced the world to Pediatric Zirconia Crowns in 2010, and has been leading the way ever since. The **#1 preferred brand** in the US offers patented technology providing the **most esthetic** and **most durable** restoration for patients and a **simple, faster technique** for doctors. **Owned by 2 dentists** based in California, **ISO 13485 certified**, with customers in **13 countries**, and is the only brand that is both **designed AND made in the USA**.

Tel: +1 (888) 539-7336

Email: info@ezpedo.com

Web: www.ezpedo.com

Twitter: @ezpedo
www.twitter.com/ezpedo

GC Europe NV

Stand: 32

GC is one of the largest dental suppliers world-wide. With more than 600 different dental products, GC is consistently known among dentists and dental technicians for top product quality ease of handling and the highest standard of customer service. As an innovative company, our goal is to increasingly provide our customers with trusted solutions focusing on safety and oral health.

Tel: +32 16 74 10 00

Email: info@gceurope.com

Web: www.gceurope.com

Facebook: https://www.facebook.com/#!/gceurope?fref=ts

**International Association
for Paediatric Dentistry
(IAPD)**

Stand: 9

The International Association of Paediatric Dentistry (IAPD) was founded in 1969. The aim of the Association is to act as an International Forum for certified paediatric dentists and general dental practitioners with an interest in treating children. IAPD is made up of individual members and National Societies and is based in Geneva/Switzerland.

Email: iapd@iapdworld.org
Web: www.iapdworld.org

**26th Congress of the
International Association
Paediatric Dentistry
(IAPD 2017)**

Stand: 12

26th Congress of the International Association Paediatric Dentistry (IAPD 2017). The Chilean Society of Paediatric Dentistry has the great honor of hosting the XXVI Congress of the International Association of Paediatric Dentistry in Santiago, Chile, from 4th to 7th October 2017. It is a privilege for Chile and our Society to organise this Congress and welcome you all in our beautiful country, where we will be looking forward to hearing that you have booked this date to attend this wonderful celebration for Paediatric Dentistry worldwide.

Email: iapd2017@kenes.com
Web: www.iapd2017.com

Ivoclar Vivadent AG

Stand: 3

Tel: + 423-235-3375
Web: www.ivoclarvivadent.com

**Kelvingrove Museum
& Art Gallery**

Stand: 62

Glasgow Museums
The City of Glasgow owns one of the finest civic collections in Europe. See outstanding works by Charles Rennie Mackintosh, the Scottish Colourists and the Glasgow Boys, as well as arms and armour, Scottish history and more. Our shops stock a fantastic range of gifts and souvenirs inspired by the collection, with many items exclusive to us.

Web: www.glasgowmuseums.com

Kinder Krowns®

Stand: 29

Kinder Krowns® are proud to be the leader in Zirconia Pediatric Crowns, with 15+ years of experience using it in our Certified Dental Laboratory and over 20 years of experience with esthetic pediatric crowns. You can trust us to provide you with consistent, easy to use, beautiful restorations every time.

Email: custserv@kinderkrowns.com
Web: www.KinderKrowns.com

KaVo Dental

Stand: 10

For over a century, KaVo has been expanding its role as a leader in innovation, quality and technological advances for the dental community. Whether aesthetics, functionality or cost-efficiency are priorities, KaVo products provide best value and peace of mind. Solutions specifically for paediatric dentistry include mini handpieces, DIAGNOcam x-ray free caries detection device and low-dose x-ray systems.

Tel: 01494 733000
Email: info@kavo.co.uk
Web: www.kavo.co.uk
Twitter: @KaVoGlobal

Mad Molars

Stands: 40

Three University of Glasgow staff, including the Head of the Dental School, has entered a 1977 Leyland Princess in the 2015 Monte Carlo or Bust Banger Rally (16-19 July). They are raising money for a Dental Technology Teaching Suite at Glasgow Dental School. Visit stand 40 to help support this fundraising adventure.

**Myofunctional
Research Co.**

Stand: 23

MILLIONS of children require orthodontic treatment and parents are increasingly seeking non-extraction, earlier treatment options. The by Myofunctional Research Company developed Myobrace System™ provides an opportunity for pre-orthodontic treatment and avoiding braces or extractions.

The Myobrace System™ encourages correct facial development and helps patients achieve Straight Teeth the Natural Way.

PDAA 2016

Stand: 11

Email: pdaa@c-linkage.co.jp
Web: www.pdaa2016.asia

Premier Dental Products

Stand: 38

Premier is an American based manufacture of high quality dental and medical products, established in 1913, Premier has been at the forefront of product design and innovation for over a century. With legacy products like Triple Tray, the worlds number one dual arch impression tray with over 100 million sold. To our latest preventatives like Enamelon Treatment gel, 970 ppmF (Stannous with ACP technology) that delivers upto two and a half times more fluoride than a prescription strength 5% NaF, yet has none of the unwanted side effects, suitable for all age groups from the age of 6 years and above.

Email: sjulian@premusa.com
Web: www.premusa.com
Twitter: @premierscott

**RA MEDICAL
SERVICES LTD**

Stand: 43

RA Medical Services Ltd is a family run company who specialise in the supply and maintenance of Inhalation Sedation Equipment. A comprehensive range of equipment will be available to view at IAPD with friendly staff on hand to answer any questions. A range of informational material will also be available.

Email: info@ramedical.com
Web: www.ramedical.com

Shinhung Co. Ltd.

Stand: 6

Established in 1955 and located in Seoul, Shinhung is Korea's leading dental product manufacturer, producing dental units, chairs, cabinets, autoclaves, disposable needles, stainless steel crowns, and implant system. Shinhung products can be found in more than 50 countries worldwide.

Email: lake0831@hotmail.com
Web: www.shinhung.co.kr

The Journal of Clinical Pediatric Dentistry

Stand: 35

JOCPD provides clinically relevant information to enable the practicing dentist to have access to the state of the art in Pediatric Dentistry. From prevention, to information, this peer-reviewed journal keeps you abreast of the latest news and developments related to Pediatric Dentistry. New for 2016 frequency is increasing to six issues per year!

Email: JOCPD@subscriptionoffice.com

Web: www.JOCPD.org

The Royal College of Physicians & Surgeons Glasgow

Stand: 61

The Faculty of Dental Surgery of the Royal College of Physicians and Surgeons of Glasgow is one of the world's leading bodies for dental health professionals. With its whole-team approach, it develops, delivers and supports a high quality programme of education and continuing professional development. It is internationally recognised for setting standards in examinations and assessments to ensure the best possible care for patients worldwide. Interested? Visit us at stand 61 to find out more.

Email: dental@rcpsg.ac.uk

Wisepress Medical Bookshop

Stands: 19

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Lawrence Dinkes, DDS
Commerce Park Children's Dentistry & Orthodontics, Bridgeport, CT



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