






COVID-19 UPDATE



 Stay connected



 Maintain a healthy lifestyle


 Stay positive


 Stay informed


 Seek support




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I would like to thank IAPD and Prof Figen Seyman for inviting us to speak today, and to my co-presenters on this update regarding Cover -19 in our profession.

I would also like to acknowledge the contribution of many people in WhatsApp group that I created and i am humbled by all the people interested. However, the main ai of this group and tonight 's webinar is to spread knowledge to all dentists and especially those that treat children.

A special thanks to prof Francisco Ramos Gomez

DISCLAIMER

The aim of this webinar is to provide you with general information on Covid-19 and its effects in our profession. The emerging evidence base on COVID-19 is rapidly evolving. Further updates may be necessary to this presentation as new detail or evidence emerges.

Use this information in consultation with your colleagues especially if you are unsure about its contents. IAPD and the presenters cannot guarantee that information provided will meet all of your expectations or will be fully applicable to your country or personal situation. If you are uncertain of the advice we have presented at this webinar, you may wish to contact the presenter(s) directly directly via email or through IAPD.

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OVERVIEW

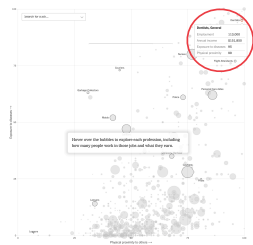
- ① RULES OF THE MEETING
- ② INTRODUCTION
- ③ PRESENTING SYMPTOMS IN CHILDREN
- ④ AEROSOL GENERATING PROCEDURES (AGPs)
- ⑤ PERSONAL PROTECTIVE EQUIPMENT (PPE)
- ⑥ Q&As

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I WOULD LIKE TO GIVE YOU an OVERVIEW OF WHAT I WILL BE COVERING TODAY AND Happy to send you a pdf copy of this lecture

I would also like to confirm that I have no commercial interests or affiliation with any commercial companies or products mentioned in this lecture
I also declare no conflicts of interest

The Workers Who Face the Greatest Coronavirus Risk By Lazaro Gamio



<https://www.nytimes.com/interactive/2020/03/15/business/economy/coronavirus-worker-risk.html>

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On 15 March 2020, the New York Times published an article entitled “The Workers Who Face the Greatest Coronavirus Risk”, where an impressive schematic figure described that dentists are the workers most exposed to the risk of being affected by COVID-19, much more than nurses and general physicians.

COVID-19 PANDEMIC: EFFECTS AND EVIDENCE-BASED RECOMMENDATIONS FOR OTOLARYNGOLOGY AND HEAD AND NECK SURGERY PRACTICE.

There is an important risk of contagion for anesthetists, dentists, head and neck surgeons, maxillofacial surgeons, ophthalmologists and otolaryngologists.

[Head Neck, 2020 Apr 9. doi: 10.1002/hed.26164.](https://doi.org/10.1002/hed.26164) [Epub ahead of print]

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https://journals.lww.com/pidj/Fulltext/2020/05000/Coronavirus_Infections_in_Children_Including_1.aspx

Coronaviruses (CoVs) are a large family of enveloped, single- stranded, zoonotic RNA viruses.

Preliminary evidence suggests children are just as likely as adults to become infected with SARS-CoV-2 but are less likely to be symptomatic or develop severe symptoms.

Children more often have gastrointestinal symptoms compared with adults.

The majority of children infected by novel CoVs have a documented household contact, often showing symptoms before them. In contrast, adults more often have a nosocomial exposure.

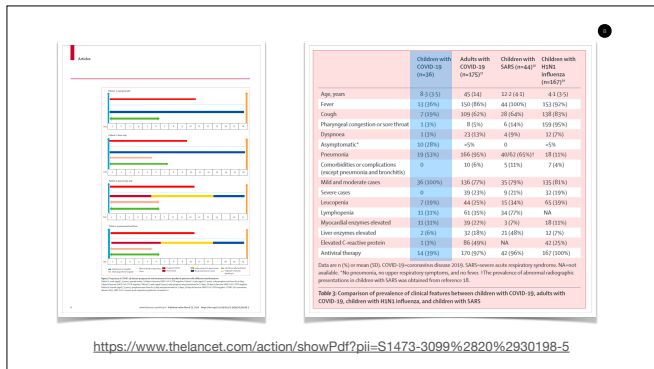
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<https://www.thelancet.com/action/showPdf?pii=S1473-3099%2820%2930198-5>

THIS PAPER FROM CHINA PUBLISHED IN THE LANCET JOURNAL DESCRIBED THE CHARACTERISTICS OF 36 CHILDREN WITH COVID-19, and it confirmed that the route transmission was closed contact with family members (89%)

10 or 28% were asymptomatic.

COMMON SYMPTOMS ON ADMISSION WERE FEVER (13 PTS OR 36%) AND DRY COUGH (7 PTS OR 19%).



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Figure 2 in this paper shows the trajectory of covid-19 disease progression and tax in 4 kids with different presentations

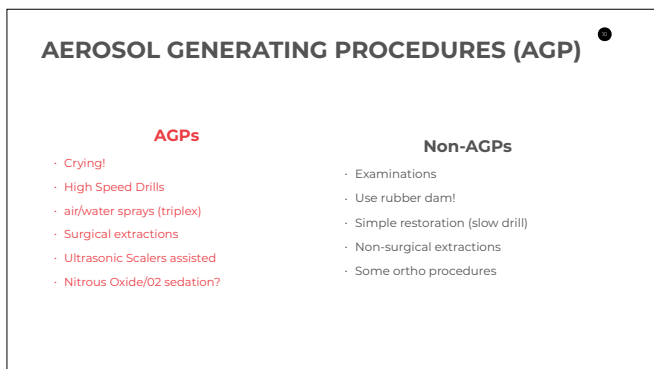
18 month old boy asymptomatic
5.2 years male
6 yrs male
7.5 yrs female



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Accepted: 19 February 2020

Airborne spread
Contact spread
Contaminated surfaces spread

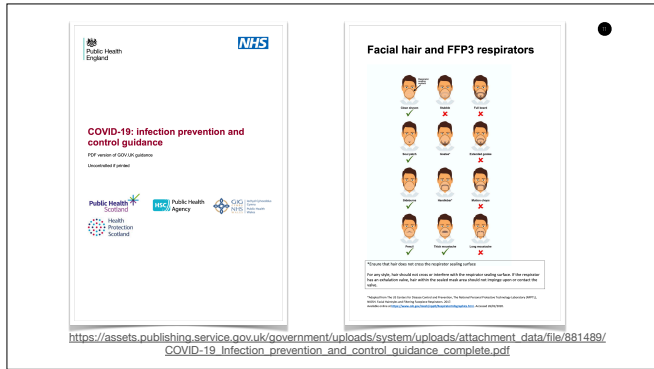


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in general....

assessing pt risk is paramount

mouthwashes? how do you in a preschooler



A comment about guidelines and our webinar

given the diversity of countries and their individual needs, guidelines have not been recommended.

but within our 'informal' WhatsApp group we have shared MANY important documents, such as this one. I am not saying we should endorse the guidelines from England but we must recognise that there are many important docs that can be dissected.

For any style, hair should not cross or interfere with the respirator sealing surface.



REFERENCES & LINKS

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https://journals.lww.com/pid/Fulltext/2020/05000/Coronavirus_Infections_in_Children_Including_1.aspx

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/881489/COVID-19_infection_prevention_and_control_guidance_complete.pdf

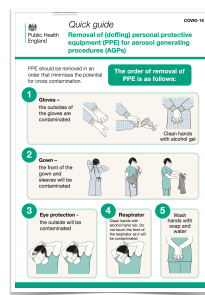
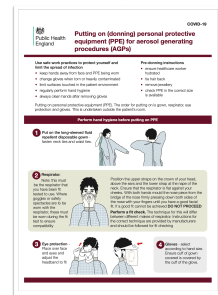
<https://www.nature.com/articles/s41368-020-0075-9.pdf>

https://developingchild.harvard.edu/guide/a-guide-to-covid-19-and-early-childhood-development/?utm_source=newsletter&utm_medium=email&utm_campaign=april_2020

<https://www.iadr.org>

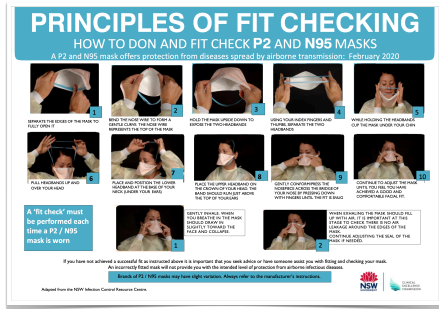
QUESTIONS FROM ATTENDEES?

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<https://www.gov.uk/government/publications/covid-19-personal-protective-equipment-use-for-aerosol-generating-procedures>



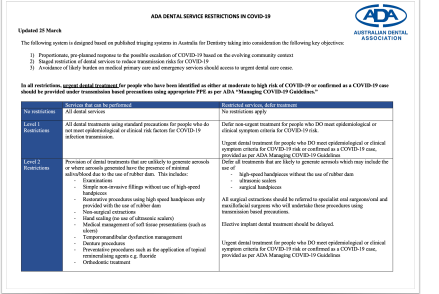
<https://www.cdc.gov/niosh/nppt/RespiratorInfographics.html>

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The National Personal Protective Technology Laboratory (NPPTL)

Respiratory Protection Infographics

We pulled some of the important information from our various in-depth resources, packaging them into quick-study infographics to be used as educational tools. We hope that you will download, print, and use these to promote proper respiratory protection program practices.

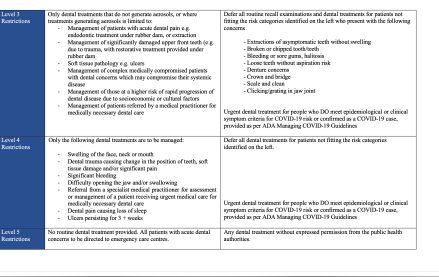


<https://www.ada.org.au/Campaign/COVID-19/Managing-COVID-19/Practice-Resources/Dental-restriction-Levels/ADA-dental-restriction-levels-in-COVID-19-Publishe.aspx>

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This Australian Dental Association document may be useful to some of you given the questions about what dental procedures are ‘allowed’ in certain circumstances. It is meant to provide you a guide only and happy to answer questions.

the guidelines are not perfect but it provides an idea how restrictions are dealt with in our country



<https://www.ada.org.au/Campaign/COVID-19/Managing-COVID-19/Practice-Resources/Dental-restriction-Levels/ADA-dental-restriction-levels-in-COVID-19-Publishe.aspx>

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Can children or adolescents catch COVID-19?

Research indicates that children and adolescents are just as likely to become infected as any other age group and can spread the disease.

Evidence to date suggests that children and young adults are less likely to get severe disease, but severe cases can still happen in these age groups.

Children and adults should follow the same guidance on self-isolation and self-isolation if there is a risk they have been exposed or are showing symptoms. It is particularly important that children avoid contact with other people and others who are at risk of more severe disease.

<https://www.who.int/news-room/q-a-detail/q-a-coronaviruses>