

# Minimal Invasive Dentistry: Foundational Articles and Consensus Recommendations, 2020

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## IAPD Consensus Recommendations

- 1.** Minimal invasive dentistry focuses on caries arrest procedures rather than surgical intervention.
- 2.** The strategies for minimal invasive dentistry include: early caries detection and caries risk assessment; remineralization of demineralized enamel and dentin; optimal caries preventive measures; minimally invasive surgical interventions; and repair rather than replacement of restorations.
- 3.** Demineralized, non-cavitated carious lesions may naturally arrest or arrest through preventive interventions.
- 4.** The use of silver diamine fluoride (SDF) can be effective in arresting cavitated caries lesions.
- 5.** Micro-invasive approaches such as infiltration methods, can be effective in the management of non-cavitated proximal carious lesions.
- 6.** The use of minimal invasive dentistry should be complemented by preventive measures for caries arrest that include optimization of patient's topical fluoride exposure, and maintenance of good oral health practices.
- 7.** When necessary, surgical interventions should emphasize minimal cavity designs, conservative removal of carious dentin approximating the pulp, and adhesive restorative materials.