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Application of fluoride in children (advantages and disadvantages)

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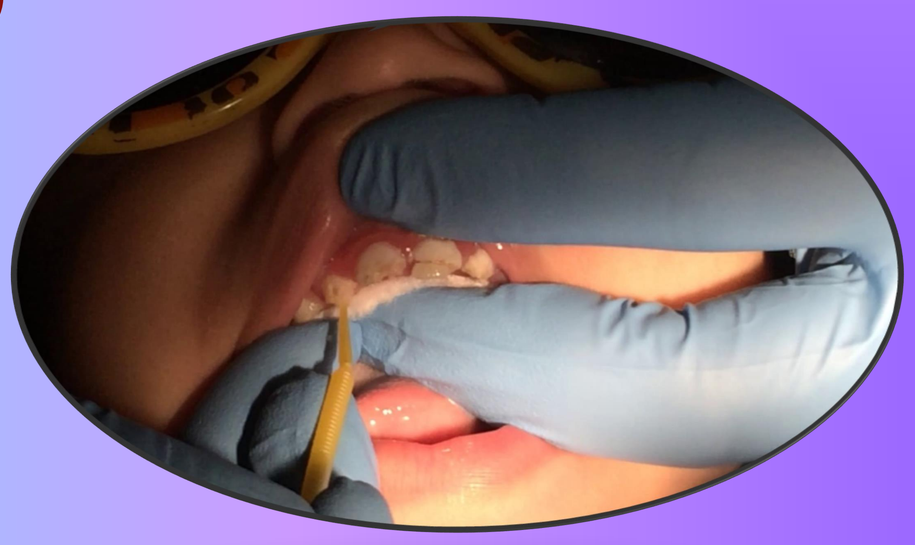
Aim:

The purpose of this study was to demonstrate the use of fluoride in children's dentistry,the ways in which they act and who are pozitive and negative characteristics from treatment with fluorides and the same time to prove that treatment with a dental fluoride is one of the most effective ways to prevent tooth decay and mentaining excellent dental health in children.

Material and method:

For this study, we compared a group of children that started using fluoride from an early age (during growth and development of permanent dentition) and a group of children in whom the application of fluoride started later.(in permanent dentition)



application fluoride from an early age

application of fluoride in permanent dentition

Conclusion: The conclusion is that fluoride treatments are effective in decreasing the prevalence of cavities in children, by 95% specifically, when combined with dental sealants.They are especially active when they start using them since early childhood. However, fluoride overdoses, that is, the so-called fluorosis, should be avoided, where excessive use of fluoride results in tooth decay. We conclude that it is necessary to apply fluoride in children at a moderate dose.