

## 32. ICON-AN INNOVATIVE APPROACH TO FLUOROSIS TREATMENT.



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**Introduction.** Minimally invasive treatment serves as a progressive outlook in the field of dentistry, and it has valuable scientific importance. It serves as a support to create adequate conditions for the maximum preservation of dental tissue. The infiltrative method based on the ICON system offers promising results in fluorosis treatment.

**Aim of study.** Efficiency evaluation of infiltrative methods based on the ICON system in fluorosis treatment.

**Methods and materials.** The study includes patients with unaesthetic discoloration of enamel, including the involvement of both superior and inferior maxilla due to fluorosis. All the patients were treated using the infiltrative method based on the ICON system. The results were analyzed through clinical assessment before and after the treatment.

**Results.** As a result, the study demonstrated the aesthetic effect of the treatment with preservation of the enamel surface relief. Hence, the patients obtained a monochrome and shiny, avoiding the hyperesthesia phenomenon; therefore the patients were satisfied.

**Conclusion.** The aesthetic appearance of the teeth affected by fluorosis can be recovered successfully using a conservative treatment that relies on the infiltrative method based on the ICON system. Its application provides satisfactory outcomes in a short period of time, additionally ensuring the maximum preservation of dental tissues.