

MICROINVASIVE RESIN THERAPY

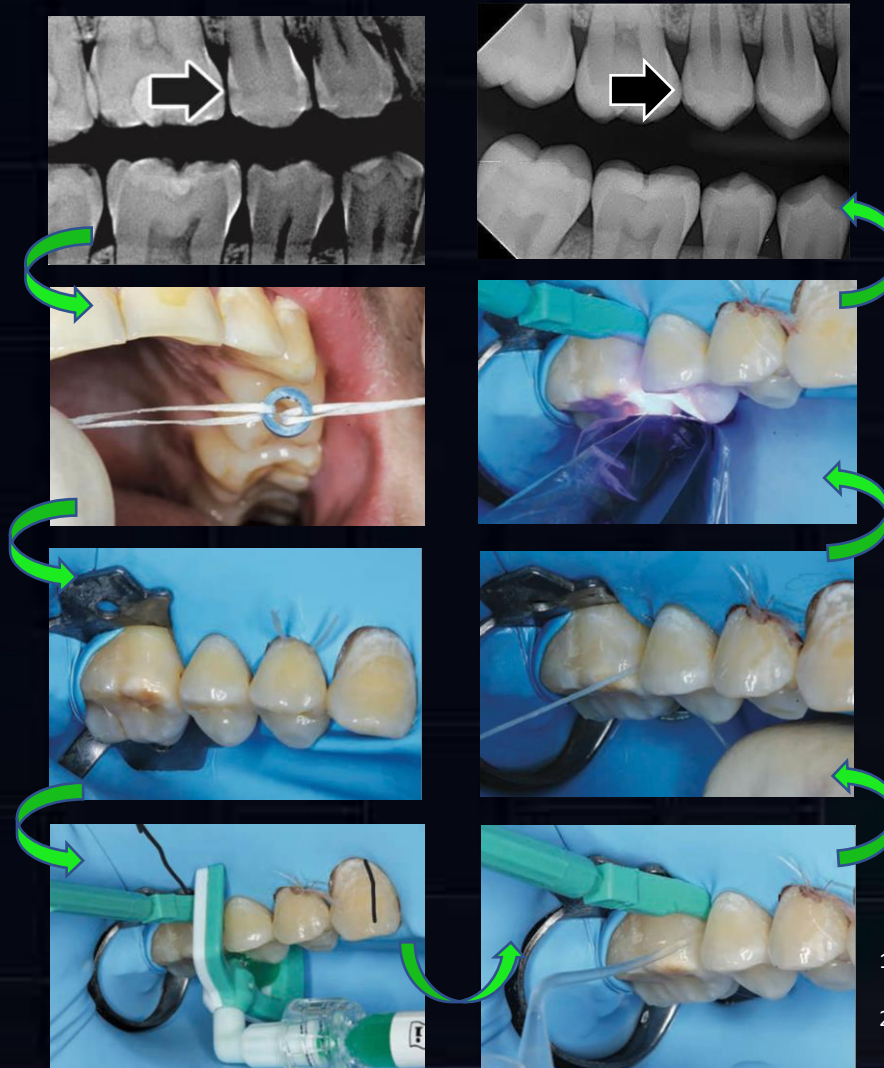
RESIN INFILTRATION CONCEPT

It works on the principle of perfusion of the porous enamel with resin by capillary action and thus it helps in arresting progression of lesion by occluding the micro porosities which may act as diffusion pathways for the acids and dissolved materials.

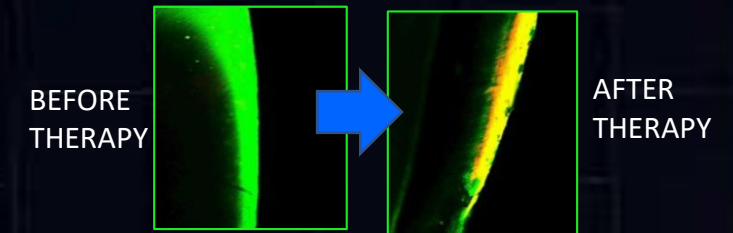


APPLICATIONS

1. White spot lesion.
2. Developmental defects of enamel.
3. Post orthodontic treatment.
4. Fluorosis.



CONFOCAL LASER MICROSCOPY



ADVANTAGES

1. Good patient acceptance.
2. Single visit therapy .
3. Preserves tooth structure.
4. No post operative sensitivity
5. High esthetic result.

BEFORE



AFTER



REFERENCE

1. Karthika S, George S, Anandaraj S, Nair L S R, Resin infiltrants- A new era in minimal intervention dentistry. *Int Dent J Stud Res* 2020;8(3):100-107
2. Memarpour, M., Abedinzade, A., Rafiee, A. et al. Penetration ability and microhardness of infiltrant resin and two pit and fissure sealants in primary teeth with early enamel lesions. *Sci Rep* 12, 4652 (2022).