

# OGO Direct resin composite stratification technique:

## case report of an anterior Class IV restoration.

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#### OBJECTIVE

Describe a simplified layering technique based on a biomimetic approach for anterior Class IV restorations. A step-bystep polychromatic stratification protocol will be presented.

A 28 year-old female patient, with good health condition, presented with one Class IV unaesthetic restoration on tooth 11. Clinical and radiographic examination did not reveal any pulpal damage. After discussing various treatment options with the patient, conservative restoration using direct resin composite was selected. A polychromatic restoration was performed, with Enamel HFO Plus by Micerium and a silicon lingual matrix was used to facilitate the layering technique.



Unaesthetic restoration on tooth 11



Tooth preparation



37% Phosporic acid etching



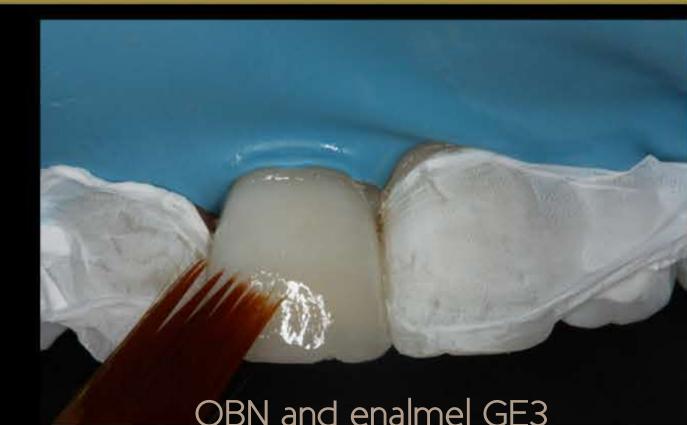
Palatal enamel (GE3)



Incisal halo (UD2)



Dentine UD2 and UD3









After layering



Finishing – Q-finishers (Komet)

Polishing - Grey enamel shinny (Micerium) Polishing - Blue enamel shinny (Micerium)



Polishing – Opalustre



Polishing – Interproximal strips (Kerr)



Final restoration



2-years follow up without polishing

### CONCLUSION

The biomimetics composite restorations are growing in popularity as conservative and predictable restorative treatment alternatives to ceramics, minimizing invasiveness, chair time, and costs for patients. An understanding of the fundamental layering, contouring, and polishing principles is paramount to the success of any direct resin composite restoration.