Class II Restoration using Garrison 3D XR Ring

Procedure/Study by

Dr. Giuseppe Chiodera, DDS
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Composi-Tight.3D XR

Garrison Dental Solutions
Class II Restoration using 3D XR Ring

By Giuseppe Chiodera, DDS

In 2004, Dr. Chiodera graduated from the University of Brescia. The following year he did an internship with London Kings College arranged by the University of Brescia. Once his work experience in the UK came to an end, he returned to Italy and attended several courses on minimally invasive dentistry. Dr. Chiodera became extremely passionate about this and focused on dental caries early diagnosis and the active prevention of this type of pathology. He is currently working in a private office based in Brescia and spends most of his time working on aesthetic direct and indirect adhesive dentistry for anterior and posterior teeth.
01 DIFOTI image (KaVo DIAGNOcam), inside the red rings you can see the shadow of lesions.

02 Isolation of the teeth, rubber dam in place.

03 Separation of the teeth by wood wedge.

04 Excavation begins.
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5

Detail of the lesion.

6

Cavity clean.

7

Cavity mesial 16, access obtained from the cavity distal 15.

8

Restoration of 16 completed.
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09 3D Garrison Matrix in place with plastic Garrison wedge.

10 Garrison 3D XR ring in place.

11 Easy polymerisation access!

12 Restoration completed.
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Detail views of restoration.