

CLINICAL CASE

Contact area by Strata-G™
matrix system



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Optimising the shape and emergency profile of an interproximal wall is the most delicate phase of the entire conservative workflow for Class II lesions. In this case, the lesion on the mesial wall of tooth 16 was treated.



Figure 1: Preoperative view of quadrant 1. Tooth 16 suffering from a carious lesion on the mesial wall.



Figure 2: Opening and finishing of the mesial interproximal box of tooth 16.



Figure 3: Adaptation of a purple Strata-G™ SG175 matrix. The tinted non-stick coating allows for a perfect view of the marginal fit of the matrix to the cervical step. The matrix is combined with the use of a blue interproximal wedge and Strata-G™ Universal separator ring.



Figure 4: Selective etching of enamel.



Figure 5: Application of a universal adhesive.



Figure 6: Restoring the mesial interproximal wall on tooth 16 using the centripetal buildup technique.



Figure 7: Finishing by means of abrasive discs of the coronal and buccolingual areas at the contact area.



Figure 8: Polishing the cervical area using the FitStrip™ system.



Figure 9: Anatomical and functional restoration of the mesial wall of tooth 16.



Figure 10: Occlusal view of the finished and polished reconstruction.



Figure 11: Lingual detail of the anatomy conferred on the interproximal wall by the Strata-G™ matrix system.