Class II Restoration with Garrison Composi-Tight® 3DXR Sectional Matrix System

Procedure/Study by

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Composi-Tight. 3D XR **

WedgeWands. **





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By Terry Wong, B.Sc, B.D.Sc

Terry was born in Australia and grew up in the eastern suburbs. He is married to Julie and has a daughter, Tilley. His passion is clinical dentistry with emphasis on restoring teeth, and he thoroughly enjoys the mix of teaching and practicing dentistry.

In 1987, Terry attained his dental degree from Melbourne University. Significant courses undertaken over the last 28 years include:

- POS orthodontics
- Attendee of The Las Vegas Institute for Advanced Dental Studies for training in porcelain veneers
- Graduate of the Fahl Institute of Dental Art &Science in Brazil for training in resin bonding
- Presently lectures on the topic of Aesthetic Dentistry at Melbourne University
- Teaches techniques on composite resin to post-graduate dental students at Melbourne University
- Has been conducting lectures and hands-on programs for dentists on improving skills with composite resin since 2004
- Lectured on composite resin internationally throughout Asia and N.Z.
- Key opinion leader for 3M ESPE, Ivoclar Vivadent, Coltene, Dentsply, SDI
- The new Blackburn clinic will be focused on patient care and a center for Dental Learning for dentists

Case description: Male patient, aged 30, with a distal carious lesion in tooth 45 (lower right second bicuspid), detected on bite wing radiographs.



Cavity preparation completed and ready for etching and bonding. The sectional band and orange WedgeWand is in place.

01

03



Placement of the Garrison 3DXR ring to achieve tight contact between tooth 45/46 after burnishing band.

02

04



Taken from the buccal aspect showing insertion of wedge between "slot" on the tines of the Garrison 3DXR ring.



Taken immediate post-treatment of composite restoration showing a good contact relationship with tooth 46.



Taken 2 weeks post-treatment, again showing good contact between adjacent teeth 45/46.



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