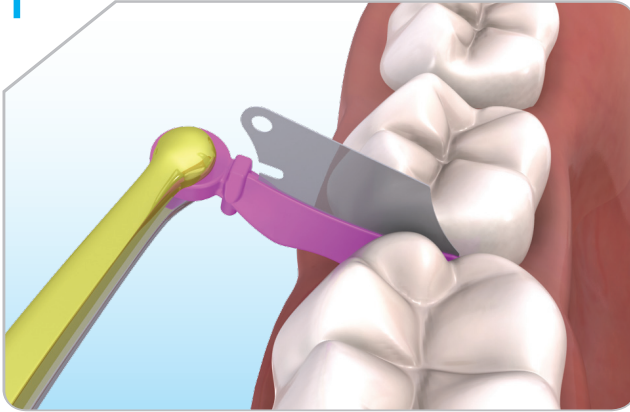


V-RING SECTIONAL MATRIX SYSTEM INSTRUCTIONS

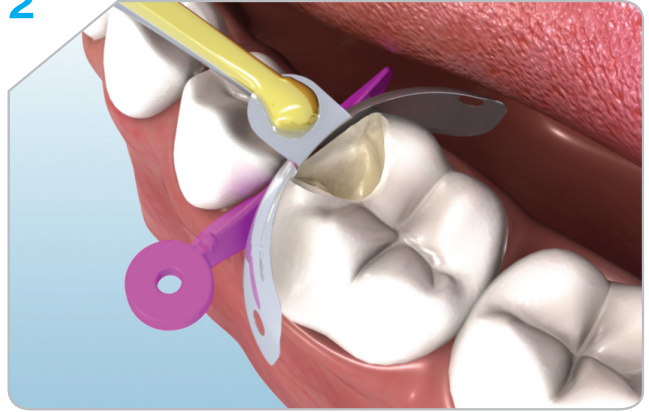
1



Wedge before cavity prep

Pre-wedging with a Wave-Wedge or V-Wedge prevents bleeding during cavity preparation. Even better, a Trident WedgeGuard (above) will protect the adjacent tooth as well as the papilla/rubber dam. If using a WedgeGuard, detach the guard after prep, leaving the wedge behind. Now grip a Tab-Matrix with Pin-Tweezers and fold the matrix tab towards you, whether you are placing it mesially or distally. Ensure the gold side of the tweezers is facing away from the tooth. You can place the Tab-Matrix band before the wedge if you prefer.

2



Slide matrix into the embrasure

Withdraw the wedge slightly and place the matrix in an apical direction between the wedge and the cavity. Take care to ensure that the matrix is in the gingival crevice adjacent to the tooth you are restoring, then re-insert the wedge while holding the matrix steady with a finger against the tooth. Adjust to ensure the band is at the right height.

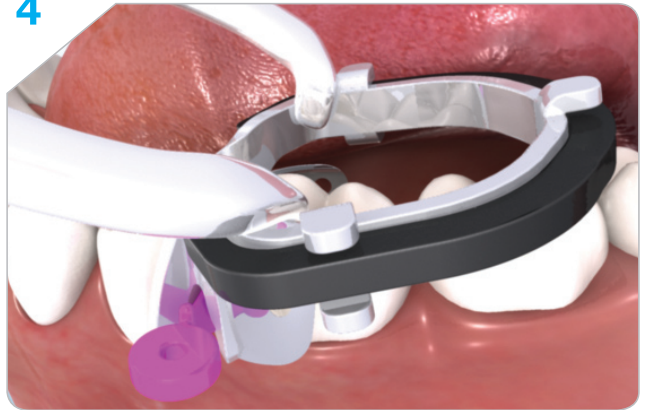
3



Carefully place retainer ring

Ask your assistant to pass you the V-Ring already on the forceps with the lock on. **Do not rush this part:** Using a finger-rest to steady the forceps, place the V-Ring so that it straddles the wedge. Press on the matrix tab while releasing the forceps. This prevents movement and keeps the V-Ring down.

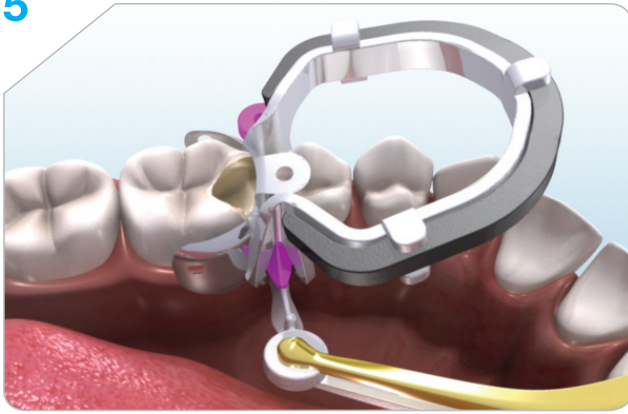
4



Place ring backwards for DO

Sometimes it is better to place the V-Ring with the spring facing backwards. One example is an MOD. The spring for the MO is placed as shown in Figure 3 and the spring for the DO is placed as above.

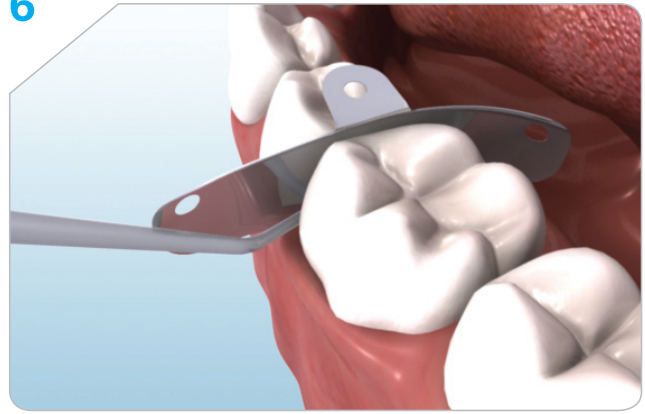
5



Wedging from both sides

The V-Ring System allows a second wedge to be placed from the other side, even without removing the ring first. The second wedge can be fitted underneath the first wedge as shown above.

6



Separate matrix from composite

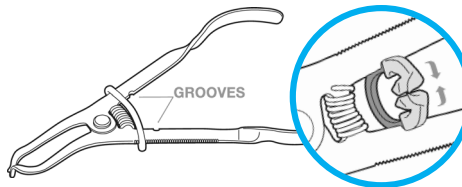
To remove the matrix, push a thin, metal-blade instrument through the embrasure below the contact point to break the bond between the band and the composite. Now grab a matrix wing hole with Pin-Tweezers and wriggle gently. If the matrix turns on a pivotal point, it is free of the composite and can be removed.

Triodent V-Ring Maintenance Guide

- 1 **Preventing contamination:** A light smear of petroleum jelly before use will help prevent bonding agents sticking.
- 2 **Removing bonding agents:** It is easier to scrape off bonding agents if the ring is soaked in alcohol for a few minutes first.
- 3 **Pre-sterilization:** Rinse and ultrasonically clean the ring.
- 4 **Sterilization:** V-Rings can be sterilized using steam-autoclave or chemical sterilization techniques.
- 5 **Retensioning:** Triodent forceps have built-in grooves for resetting V-Rings. To help ensure

you get the longest possible use from your rings:

- Avoid over-stretching. Open the ring only as far as needed to place it over the tooth.
- Try not to leave the ring open in the forceps for a long period of time.



Please note

- Always use a rubber dam to prevent items from being inhaled or swallowed. Tie floss to the V-Ring for added security.
- To ensure sterility, autoclave V-Rings, Forceps and Pin-Tweezers before use.
- US Federal law restricts this device to sale by or on the order of a dentist.

Further training

More information on the V-Ring and V3 Systems, including clinical cases and digital animation, as well as other Triodent products, is available at www.triodent.com or by phoning our customer services team.