

How to prevent or correct errors

What if the OVC ends up in an unacceptable position?

Sometimes this issue is caused by a plunger cusp when the patient bites down.

Attempting to lift the OVC is likely to create a void. To avoid this, we recommend using a flat plastic instrument to remove the hard occlusal layer with a slicing action. The OVC comes with an excess of uncured material. Relocate some of the uncured excess material, or add some of your own composite as required, and shape. Composite bonds very well to the hybrid ceramic OVC material.

Finally, replace the occlusal layer on top and press down into the correct position. Refer to our info sheet 'how to achieve correct OVC occlusion' for more information. Note: it is very important to ensure there are no voids.

What if you still don't have enough clearance, however you are reluctant to remove any more tooth?

Go ahead and place the OVC, then do any occlusal adjustments at the end. As the soft and hard layer are made of the same material, it is possible to reduce the hard layer quite significantly if required.

What if the band doesn't touch the adjacent tooth?

You can either;

1. Burnish the band against the adjacent tooth and tack it in position with flowable resin.
2. Remove the band and build up the proximal contour using the OVC Wedge.
3. Make a dress makers dart using your high speed hand piece and then burnish firmly (Fig 1).



What do you do if after the procedure you end up with an open contact?

We recommend the following two options for closing an open contact:

1. Place OVC Wedge, dry, apply bonding agent, dry, then inject flowable resin as deep as possible and manipulate with a fine instrument to ensure bubbles are released. Add more flowable or regular composite incrementally and then fully cure from all directions. **Note: Do not use self etching bonding agents. Bonding agent will go onto the neighbouring proximal contact. Non self-etching bonding agents do not bond well to unetched enamel and can be prised apart with a flat plastic. This will enable flossing.**

2. Alternatively, you can repair this using a sectional matrix system such as the Trident V3 System or Dentsply Sirona Palodent Plus. Refer to our information sheet 'how to close an open contact' which shows step-by-step instructions.