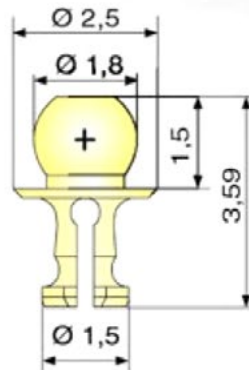




Sphero Retrofit Instructions

The spherical reconstruction system can be attached inside of every type of "hollow" attachment, or those with a distal extension ring, like Ceka, ERA, etc. The sphere allows existing crown and bridge work to be saved while utilizing a stable, retentive new attachment.

SOLID SPHERE
Unique size
Micro \varnothing 1,8 mm



This can be done directly in the mouth, or processed indirectly using fabrication analogues. The TiN coating allows a long lifetime for the sphere, and multiple retention options exist for the female.



Step by Step



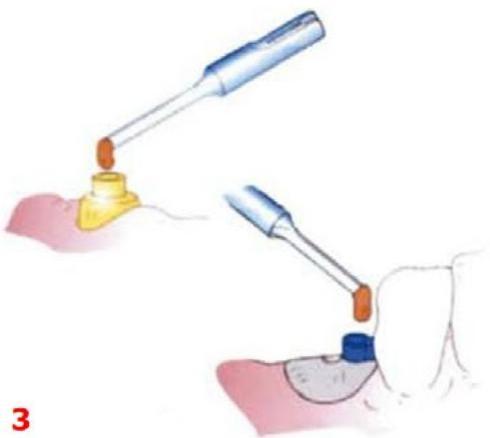
1

Insert the micro sphere in the tool and verify that there is enough clearance inside the female attachment for the micro sphere to pass through (FIG 1)



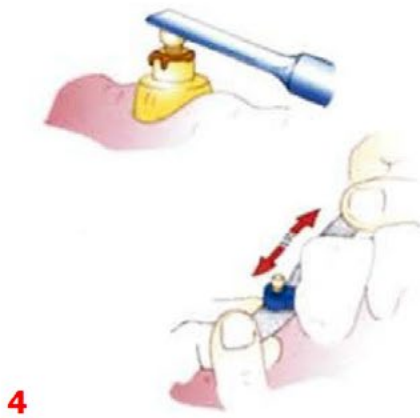
2

If the fit is too tight, loosen it by using a conical bur until the extension of the micro sphere attachment passes through. It is necessary to have the extension of the sphere and the internal walls of the female rough to assure an increased bond (FIG 2).



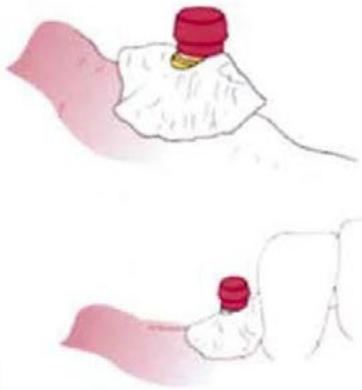
3

When retrofitting extracoronal attachments, cover the tissue area with tin foil (single or double thickness), then fill the female attachment with Ceka Site anaerobic metal to metal bonding composite (FIG 3). Use a fresh 1:1 mixture for each attachment.



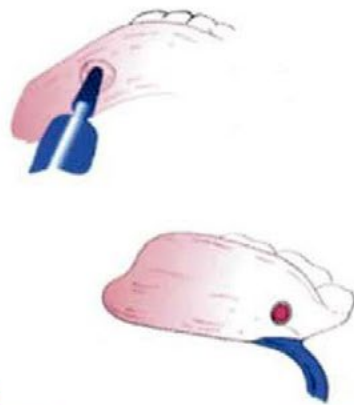
4

Insert the micro repair sphere in to the female attachment and hold it in place with slight pressure, assuring an accurate fit, until the bonding composite sets (10 minutes). Because Ceka site is anaerobic, you can simply wipe off any excess material, making sure to smooth out the underside (FIG 4).



5

Slide the provided aluminum disk over the sphere. Snap the female attachment on the sphere (FIG 5).



6

Relieve the area in the existing prosthesis in order to accommodate the size of the attachment cap. Align the relief area with the attachment, cut a lingual escape vent for excess resin, apply cold-cure acrylic resin, and seat the prosthesis with finger pressure only. (FIG 6). Once the resin has set, polish and finish the prosthesis.

