



## Sphero Post Cast Coping Instructions

### Cast Post/Coping using the Castable Sphero Flex sphere



Insert the titanium single sphere inside the castable sliding guide using the paralleling mandrel (FIG1). Complete the wax up (FIG2), keeping the attachments parallel. Do not wax up the side with the castable slide guide opening. Remove the titanium single sphere from the castable sliding guide before casting (FIG3).

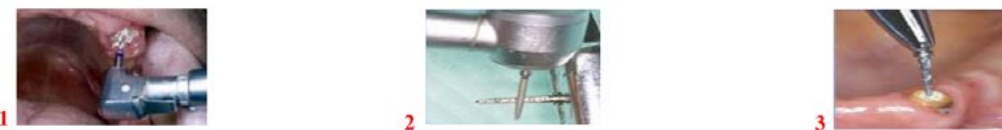


Sprue the cap, and be sure to leave clean the internal side of the guide where the sphere will slide in (FIG4). If the guide after casting isn't perfect, finish using a thin bur (FIG5). This also leaves enough room for your bonding composite. Cast cap polished and finished. The guide provides mechanical retention to the titanium base of the sphere (FIG6).



Lock the sphere in position using anaerobic or self-curing composite (FIG7). Ceka Site is the best material for bonding metal to metal. The finished cast cap and titanium sphere in place after bonding (FIG8).

### Cast coping using the Sphero Flex Post



Prepare the canal using the appropriate reamer (FIG1). Try the post in prior to cementation. Making notches in the post (FIG2) improves adhesive properties. Cement the post (FIG3).



Adapt the roots until the collar of the post is totally uncovered and clean carefully around it (FIG4). Take an accurate impression in order to reproduce the cast cover (FIG5). The lab MUST use a very hard gypsum when pouring the model (FIG6). It is necessary to have the reproduction of the circular part of the post.



Insert the Coping Cover in position without the spring (FIG7). Wax-up and cast (FIG8). Finish and polish the casting (FIG9). Insert the spring and send for try-in.



Check if the Coping Cover fits on the root, remove and clean all parts (FIG10). Fix the Coping Cover with cement; once the cement is hard the spring blocks itself inside and becomes an unique body with the post (FIG11).