

STEP BY STEP

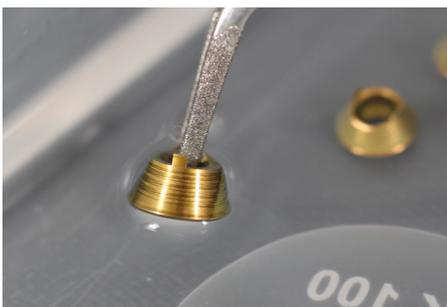
Cementation procedure

CEMENTATION PROCEDURE DIGITAL WORKFLOW FOR A PLASTER MODEL

These cementing procedures describe the workflow for cementing on a plaster model with Elos Accurate® Hybrid Base™ Non-Engaging in a controlled and optimal cementing procedure.

We have used Panavia V5 from Kuraray Noritake which is approved for Elos Accurate Hybrid Bases for the EU market. We are currently working on having it approved for the US market.

We create a working model and place three Elos Accurate Analog for Printed Models or original analogs from the implant manufacturer correctly in the plaster model. The model is scanned with Elos Accurate Scan Body. The cement space is preset in the Elos Accurate Library to 40µm and the correct file format; stl or mill is created in cad software.



1. Before cementing, clean the surface thoroughly with alcohol 99.5% (<95% alcohol). Sandblasting of the hybrid base is not necessary, but if you blast you must protect the connection interface.



2. Make sure you get the "antennas", the Gude Grip™ Technology, in the right place. There is 360 degree freedom of choice.



3. Check the screw channel: test that the screw easily passes in and out of the screw channel. Also check with the screwdriver (it is the same connection on the screwdriver that the dentist will use in the clinic).



4. Mount the bridge on the plaster model. It is important that the milled bridge structure fits the hybrid base without gaps and voids.



5. Lift the bridge from the hybrid bases and make sure they connect perfectly in the plaster model analogs.



6. Sandblast the internal geometry of the milled tooth restoration connecting to the hybrid bases with alumina 50 µm and burst pressure of 2 bar.



7. Seal the screw channels with thread tape.



8. CLEARFIL™ CERAMIC PRIMER PLUS and Panavia V5 paste from Kuraray Noritake.



9. Apply the ceramic primer on the hybrid base.



10. Apply the ceramic primer to the restoration. The ceramic primer can be used for Zirconia (ZrO_2), glass ceramics, porcelain, composite, Ti and CoCr.



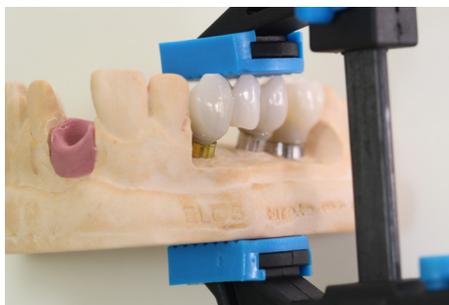
11. Panavia V5 paste is available in 5 different colors. The opaque paste is self-curing and the other four are double-curing. Use the PANAVIA™ V5 Try-in-Paste to predict the aesthetics of the finished design.



12. Apply the cement paste with a brush, making sure that all surfaces on the hybrid bases are covered with cement. It is also possible to apply the cement paste to the inside of the restorative structure.



13. Place the bridge structure on the hybrid bases covered with cement and mounted on the model.



14. **Self-Cured Workflow:** During curing time, apply pressure to the bridge structure over the hybrid bases. Wait 3 minutes (tack cement) before proceeding to step # 16.



15. **Light-Cured Workflow:** During curing time, apply pressure to the bridge structure over the hybrid bases. Light-cure the cement excess for 3-5 seconds, remove excess cement from the hybrid bases according to step # 16. Continue light-curing 10 seconds per surface (transparent paste only).



16. Remove the excess cement that has been pushed out between the hybrid bases and the bridge structure. Leave for 10 minutes to complete self-curing at room temperature.



17. Remove the thread tape with a sharp instrument (explorer).



18. Ensure that all excess cement is removed before restoration is installed in the patient's mouth.