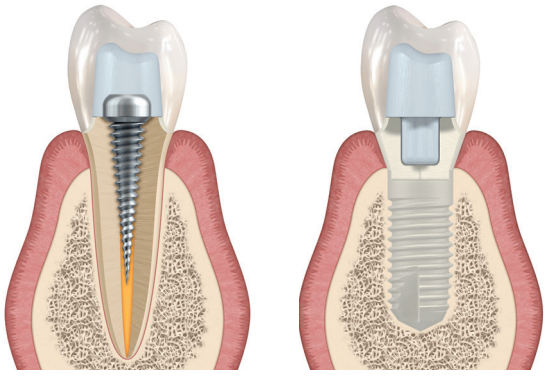
Quick Guide Prosthetic Procedure

Patent

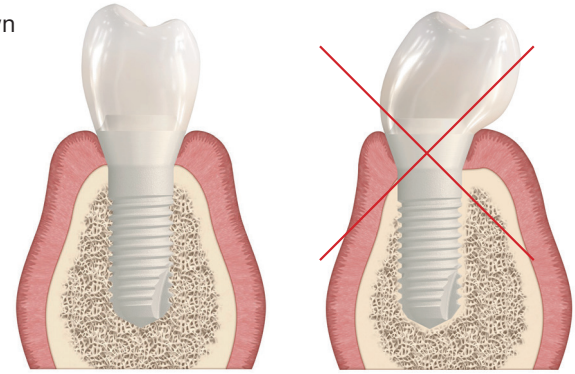
Innovative prosthetic concept

Selecting a retentive element, the glass fiber post, with a Young's modulus similar to dentin, applies the principles of nature.
With the chamfer and ferrule on the prosthetic platform of the implant, principles of conventional dentistry are applied.
Dental professionals use their traditional restorative techniques to achieve excellent stable long-term results.



Important considerations

- Secure canine guidance – to reduce lateral forces
- Reduced occlusal contact points – allow for infra-occlusion
- Good interdental contact points
- Prepare anti-rotational shape/groove on the glass fiber post
- Use red diamonds and water irrigation when preparing
- The implant should always be placed in the center of occlusion of the crown
- Pay special attention for upper premolars



Two unique prosthetic workflows

Implant level workflow

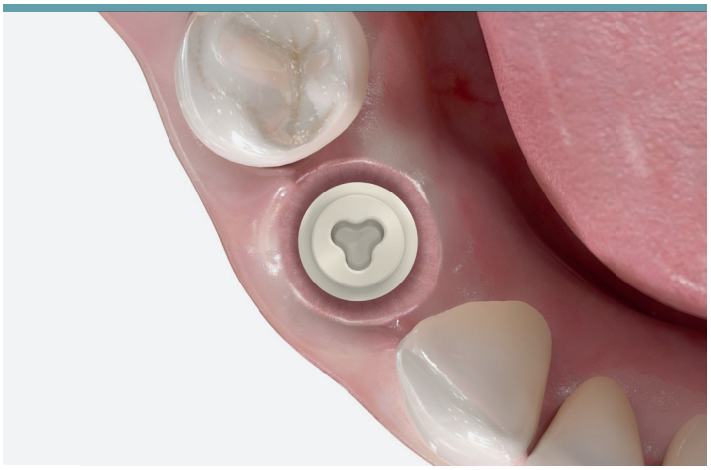
1. Retract soft tissue
2. Take a scan or impression of the implant and the whole jaw
3. Send impression and glass fiber post to the lab
4. Lab prepares glass fiber post and produces restoration
5. Cement post and restoration

Chair side workflow

1. Cement and prepare post
2. Retract soft tissue
3. Take a full arch scan or impression
4. Send to the lab
5. Lab produces restoration
6. Cement restoration

01_Impression taking

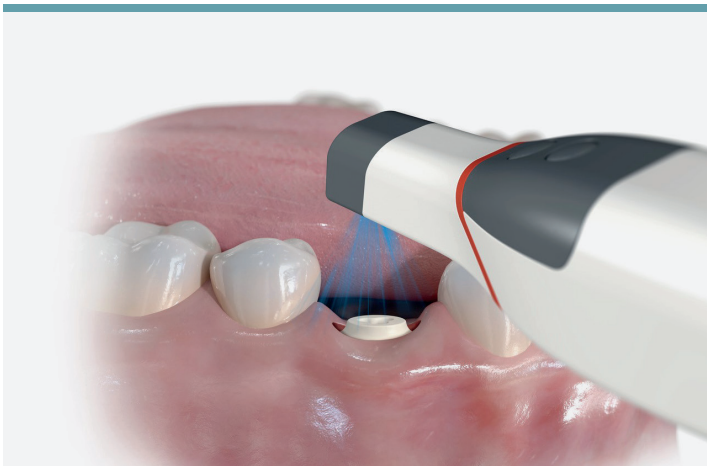
Use retraction paste to retract the soft tissue.



Note! Do not use retraction cords since they will tear the soft tissue attachment.

Digital workflow

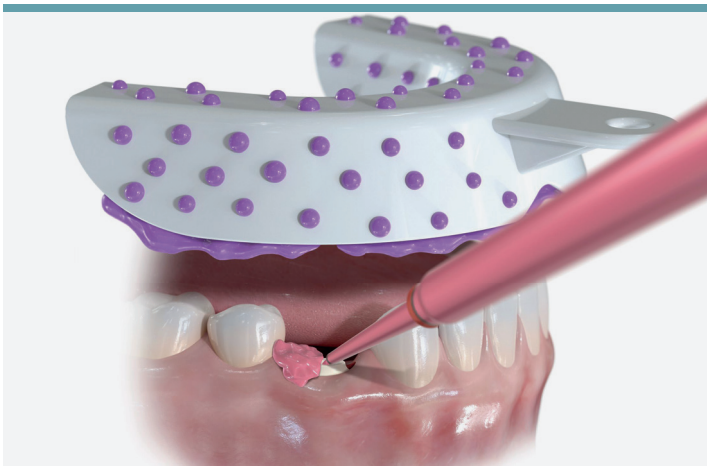
Scan the implant, the 3C™ connection or the prepped post and the full arch.

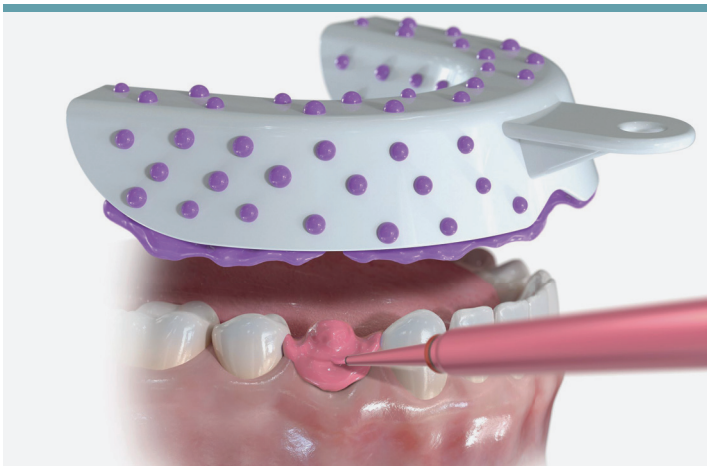


Note! No scan body is required.

Conventional workflow

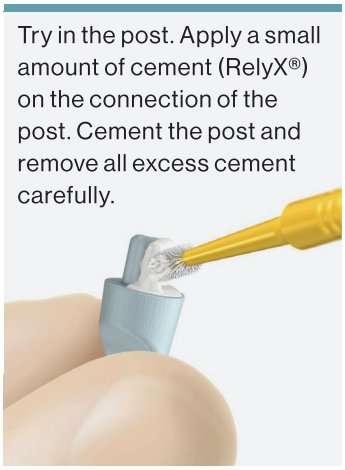
Fill the 3C™ connection with a light-body or cover the post and implant shoulder and pick up a full arch impression.





Note! No impression coping is required.

02_Cementation of the post



Note! Make a labial/buccal mark on the post at try in to facilitate orientation.

03_Preparation of the post intra-orally

Prepare the post with red diamonds under water irrigation.
Make an anti-rotational plane or grove on the post.
If an adjustment of the finish line is required, use red diamonds and copious water irrigation.

04_Cementation of the restoration

Cement the restoration.

Remove all excess cement carefully.

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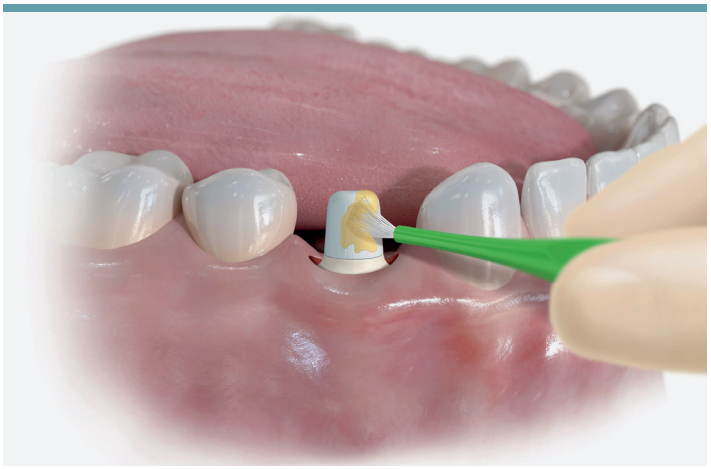
Patent

Temporisation

Cement the glass fiber post permanently.
Isolate the glass fiber post with Vaseline oil or similar.
Cement the restoration with temporary cement.

Note! The temporary cement will react chemically with the glass fiber post if it is not isolated and will become difficult to retrieve.



Removal of the post

If, for some reason the glass fiber post needs to be removed, use the following steps:

- Remove the crown and cut the glass fiber post flush with the implant with a red diamond under water irrigation
- Drill down in the center of the 3C™ connection until you reach the bottom
- Move the drill out in the three channels to clean out all the glass fiber and cement