

In-Office sterilization of Aadva Ti and Zr Custom Abutments

- 1) We recommend cleaning and/or disinfecting abutment before sterilization.

The following disinfectants are recommended:

Disinfectant	Concentration	Soaking time	Ambient Temperature
Glutaraldehyde	2w/v% solution	Min. 30 min.	Room temperature
Chlorhexidine gluconate	0.1~0.5w/v% solution	Min. 10~30 min.	Room temperature
Benzethonium chloride	0.1w/v% solution	10 min.	Room temperature
Benzalkonium chloride	0.1w/v% solution	10 min.	Room temperature

Do not use such disinfectants as Chlorine-based disinfectant (sodium hypochlorite, etc.), Peroxide-based disinfectant (oxydol, etc.), non rust-proofing disinfecting surfactant.

- 2) Abutment must be clean prior to sterilization. Place abutment in ultrasonic cleaner for 5 minutes at room temperature.
If any cleaner is used, be sure to inject sterile water and completely remove the cleaner, running water can be used instead of sterile water.
- 3) Completely dry and inspect abutment for integrity and flaws.
- 4) Sterilization method is different between Ti abutment and Zr abutment.

Aadva Ti Abutment

- 1) Place the abutment in a small sterilization pouch (bag) designed for use with steam sterilizer (autoclave) and seal according to manufacturers recommendation. Record patient information on pouch.
- 2) Steam sterilize the abutment using the cycle similar to instrumentation sterilization such as 20 minutes at 250°F (121°C). Sterility of abutment is dependent upon integrity of package.
- 3) Secure the abutment to the implant in a timely manner. Do not secure until the abutment reaches room temperature to prevent soft tissue damage.

Aadva Zr Abutment

- 1) Place the abutment in small sterilization pouch (bag) designed for use with dry heat and seal according to manufacturers recommendation. Record patient information on pouch.
- 2) Dry heat the abutment at the sterilization parameters such as 2 hours at 320°F (160°C). Sterility of abutment is dependent upon integrity of package.
- 3) Secure the abutment to the implant in a timely manner. Do not secure until abutment reaches room temperature to prevent soft tissue damage.
Note: The duration of heating is counted from the time when the sterilizer has reached the prescribed temperature.

For Clinical Placement of the Abutment

- 1) Prior to placement, inspect the connector. Damaged connector can lead to improper seating. NOTE: Do not touch connector.
- 2) Fasten the abutment with the provided screw using the implant manufacturer's recommended torque value (see table below).
Note: Using any other screw may lead to abutment failure.
- 3) After seating/cementing the prosthesis on the abutment, excess cement should be removed immediately.
- 4) Not for use on patients having hypersensitivity with Titanium or Zirconia.

Storage

No special condition required.

Titanium and Zirconia Abutments Torque Values

Torque Value 20N/cm	Torque Value 35N/cm
φ4.0, φ5.0 OSSEOTITE® (3i™)†	φ3.3 - φ5.0 Branemark® (Nobelbiocare™)†
φ3.25 - φ6.0 OSSEOTITE® Certain® (3i™)†	φ3.5 - φ6.0 Relpace® Select (Nobelbiocare™)†
Torque Value 25N/cm	Torque Value 30N/cm
φ3.5/4.0, φ4.5/5.0 OsseoSpeed™ (ASTRA TECH)†	φ4.8 Standard Implant (Straumann®)†
φ3.5 - φ5.7 Tapered Screw-Vent (Zimmer)†	

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