

Temporary Abutment



Single use only



See this instruction
for use

CE
0088

Temporary Abutment

Caution: US federal law restricts this product to sale by or on order of a dentist or a physician. Astra Tech implant system may only be used by dentists/physicians who have had the appropriate education and training.

1. Description of the system

Astra Tech implant system is part of Astra Tech Dental.

The system comprises dental implants, cover screws, transmucosal abutments, other prosthetic components, as well as surgical and prosthetic instruments. Astra Tech implant components may only be used together with original products and instruments.

2. Description of the products

Temporary Abutment is a temporary component for screw- and cement-retained restorations offering the possibility to design a customized abutment for individual requirements using grinders and cutting equipment.

It has a conical relation into the implant, which enables a tight and stable connection between the components – Conical Seal Design™.

Temporary Abutment is manufactured in titanium (Grade 4).

It comes with and without (NI) a hex feature in the implant interface, which provides for flexibility.

Temporary Abutment 3.5/4.0 is used in combination with implant 3.5 and 4.0. Color code: **Aqua**

Temporary Abutment 4.5/5.0 is used in combination with implant 4.5 and 5.0. Color code: **Lilac**

3. Ordering information and dimensions

REF	Description	Diameter (A)
24280	Temporary Abutment 3.5/4.0 NI	4.1 mm
24281	Temporary Abutment 3.5/4.0	4.1 mm

Packed together with Abutment Screw Design 3.5/4.0 M1.6, REF 24449

REF	Description	Diameter (A)
24700	Temporary Abutment 4.5/5.0 NI	4.5 mm
24968	Temporary Abutment 4.5/5.0	4.5 mm
Packed together with Abutment Screw 4.5/5.0 M2, REF 24132		

The adjustable core of Temporary Abutment has a height of 9 mm, and comes in two diameters, 4.1 and 4.5 mm.

The height from the implant level to the preparation border is 1 mm.

4. Material

Commercially pure titanium, grade 4.

5. Indications

Temporary Abutment is used in single tooth, partially and totally edentulous situations for temporary cement- and screw-retained restorations.

6. Contraindications

There are no absolute contraindications for treatment with Temporary Abutment besides the ones that are applicable for implant surgery in general.

7. Clinical procedures

Impression is recorded from implant level for preparing Temporary Abutment and processing the temporary restoration in the dental laboratory. The procedure can also be done chair-side. Seat the sterilized Temporary Abutment in the implant and secure with the sterilized Abutment Screw Design/ Abutment Screw.

8. Package

Temporary Abutment is packed together with an abutment screw in a plastic box.

Non-sterile.

9. Storage

The components must be stored, in its package, in a dry place, at normal room temperature.

10. Documentation

To ensure traceability, we recommend the removable label on the package to be attached to the patient record.

Installation and handling

1. Remove the Healing Abutment using the Hex Screwdriver.
2. Attach the implant pick-up/implant transfer to the implant. Tighten the pin firmly.
3. Take the impression using a customized impression tray and an elastic impression material.
4. Mount the implant replica on the implant pick-up/implant transfer and tighten the pin.
5. Fabricate a plaster working model with gingival mask material.
6. Try-in the Temporary Abutment on the model. Preferably use the color-coded laboratory abutment screws for non-clinical use.
7. Mount the Temporary Abutment with an implant replica in the Grinding Handle and modify.
8. Build up the restoration in composite material or use cold acrylic together with pre-fabricated teeth.
9. Clean and sterilize* all the components before connection to the implants. If a crown has been made, cold sterilization is recommended.
10. Connect the abutment/restoration into the implant and tighten the abutment screw. If necessary, use a transfer key to guide for correct positioning.
Preferably use new abutment screws in the clinical situation (co-packed with the abutment).

*Cleaning and sterilization

The components should be cleaned, preferably in an ultrasonic bath with a mixture of dishwashing detergent and water.

Steam sterilization with a pre-vacuum cycle.

Temperature: 134°C/273°F.

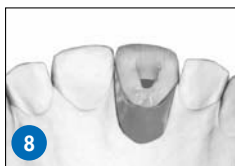
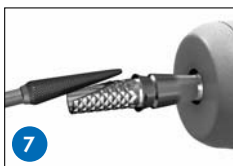
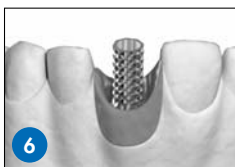
Exposure time: 3 minutes.

Recommended installation torque for Abutment Screw Design and Abutment Screw:

3.5/4.0 **Aqua**: 15 Ncm

4.5/5.0 **Lilac**: 15 Ncm

When used in the laboratory, the Temporary Abutment could be retained by color-coded laboratory abutment screws, for non-clinical use.



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