

# Slim Temporary Abutment

## Instructions for use



### Important: Please read.

#### Disclaimer of liability:

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#### Description:

The Slim Temporary Abutment is a dental implant abutment directly connected to the Nobel Biocare NobelActive® CC, NobelReplace® CC and NobelParallel™ CC endosseous dental implants. It is intended to be used as a temporary aid in prosthetic rehabilitation for a period of up to 365 days.

#### Intended use:

Dental implant abutments are intended to be used in the upper or lower jaw and used for supporting tooth replacements to restore chewing function.

The abutments in combination endosseous implants are used as the foundation for anchoring tooth replacements in either jaw. Intended for temporary restorations replacing single tooth cement-retained supra-structures.

#### Indications:

The Slim Temporary Abutments are premanufactured prosthetic components directly connected to endosseous dental implants and are intended for use as an aid in prosthetic rehabilitation in the anterior and pre-molar region.

#### Contraindications:

It is contraindicated placing Slim Temporary Abutments in patients:

- who are medically unfit for an oral surgical procedure.
- in whom adequate sizes, numbers or desirable positions of implants are not reachable to achieve safe support of functional or eventually parafunctional loads.
- allergic or hypersensitive to titanium alloy Ti-6Al-4V (titanium, aluminum, vanadium).

It is contraindicated to use Slim Temporary Abutments as a base for provisional crowns in the molar region.

#### Cautions:

Pre-operative hard tissue or soft tissue deficits may yield a compromised esthetic result or unfavorable implant angulations.

To secure the long term treatment outcome it is advised to provide comprehensive regular patient follow up after implant treatment and to inform about appropriate oral hygiene.

All instruments and tooling used in surgery must be maintained in good condition and care must be taken that instrumentation does not damage implants or other components.

Special attention has to be given to patients who have local or systemic factors that could interfere with the healing process of either bone or soft tissue or the osseointegration process (e.g., cigarette smoking, poor oral hygiene, uncontrolled diabetes, oro-facial radiotherapy, steroid therapy, infections in the neighboring bone).

Special caution is advised in patients who receive bisphosphonate therapy.

In general, implant placement and prosthetic design must accommodate individual patient conditions. In case of bruxism or unfavorable jaw relationships reappraisal of the treatment option may be considered.

Never exceed **15Ncm** prosthetic tightening torque for the abutment screw. Overtightening of abutment may lead to a screw fracture.

Because of the small size of the devices, care must be taken that they are not swallowed or aspirated by the patient.

It is strongly recommended that clinicians, new as well as experienced implant users, always go through special training before undertaking a new treatment method.

Nobel Biocare offers a wide range of courses for various levels of knowledge and experience. For more info please visit [www.nobelbiocare.com](http://www.nobelbiocare.com).

Working the first time with a colleague, experienced with the new device/treatment method, avoids eventual complications. Nobel Biocare has a global network of mentors available for this purpose.

Close cooperation between surgeon, restorative dentist and dental laboratory technician is essential for a successful implant treatment.

#### Handling procedure:

Modifications of abutments could be performed using copious water irrigation.

Extra-oral modification of abutment is recommended. Use a carborundum disk and carbide bur.

#### Clinical procedure:

1. Connect appropriate abutment and check occlusal clearance.  
**Note:** Slim Temporary abutments should only be exposed to limited occlusal forces by taking the temp crown out of the occlusion.
2. Tighten the abutment to **15Ncm** using the Unigrip™ Screwdriver and Manual Torque Wrench Prosthetic.  
**Caution:** Never exceed **15Ncm** prosthetic tightening torque for the abutment screw. Overtightening of abutment may lead to a screw fracture.
3. Fabricate a chair side temporary crown.
4. Cement temporary crown (if appropriate, splinting to the neighboring teeth can be considered).
5. Remove excess cement.

For additional information on restorative and dental laboratory procedures please consult treatment guidelines available at [www.nobelbiocare.com](http://www.nobelbiocare.com) or request latest printed version from a Nobel Biocare representative.

#### Materials:

Slim Temporary Abutments: Titanium alloy 90% Ti, 6% Al, 4% V.

#### Cleaning and sterilization instructions:

Slim Temporary Abutments are delivered sterile for single use only prior to the labeled expiration date.

**Warning:** Do not use if package is damaged or previously opened.

**Caution:** This is a single use product that must not be reprocessed. Reprocessing could cause loss of mechanical, chemical and / or biological characteristics. Reuse could cause cross contamination.

#### MR safety information:

Please note that the product has not been evaluated for safety and compatibility in the MR environment. The product has not been tested for heating or migration in the MR environment.

For additional information on Magnetic Resonance Imaging, please consult the "Cleaning & Sterilization Guidelines including MRI Information of Nobel Biocare Products" available at [www.nobelbiocare.com/sterilization](http://www.nobelbiocare.com/sterilization) or request latest printed version from a Nobel Biocare representative.

#### Storage and handling:

The product must be stored in a dry place in the original packaging at room temperature and not exposed to direct sunlight. Incorrect storage may influence device characteristics leading to failure.

#### Disposal:

Disposal of the device shall follow local regulations and environmental requirements, taking different contamination level into account.

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**Canada license exemption:** Please note that not all products may have been licensed in accordance with Canadian law.

#### Prescription device: Rx only

**Caution:** Federal law restricts this device to sale by or on the order of a licensed physician or dentist.

CE 0086

Rx Only



Sterile using irradiation



Do not re-sterilize



Consult instructions for use



Use-by date



Do not re-use



Batch code



Do not use if package is damaged

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