

Instructions for use

MedentiLOC abutment with screw

Description: MedentiLOC abutment with screw for dental restorations under CE-Series, CC-Series, CL-Series, CN-Series, CK-Series, CH-Series, CF-Series, CR-Series, CS-Series, CY-Series

Indications: Abutment Direct Inc. manufactures dental abutments and restorative components designed for the restoration of dental implant treatment including single tooth and multitooth restorations. The individual abutments can be combined with copings, crowns or suprastructures made of dental ceramics.

The MedentiLOC abutment with screw for the CE-Series are indicated for Nobel Replace Straight Groovy®, Replace Select Tapered®, Replace Select Straight®, Nobel Replace Tapered Groovy®, NobelSpeedy Replace®, NobelReplace platform shift®, manufactured by Nobel Biocare®.

The MedentiLOC abutment with screw for the CC-Series are indicated for Camlog™ implants, manufactured by Camlog®.

The MedentiLOC abutment with screw for the CF-Series are indicated for NobelActive™ implants, manufactured by Nobel Biocare®.

The MedentiLOC abutment with screw for the CH-Series are indicated for Biomet 3i Certain® implants, manufactured by Biomet 3i®.

The MedentiLOC abutment with screw for the CK-Series are indicated for Branemark™ implants, manufactured by Nobel Biocare®.

The MedentiLOC abutment with screw for the CL-Series are indicated for Bone Level implants, manufactured by Straumann®.

The MedentiLOC abutment with screw for the CN-Series are indicated for synOcta® implants, manufactured by Straumann®.

The MedentiLOC abutment with screw for the CR-Series are indicated for Tapered Screw-vent® implants, manufactured by Zimmer®.

The MedentiLOC abutment with screw for the CS-Series are indicated for OsseoSpeed® implants, manufactured by Astra Tech®.

The MedentiLOC abutment with screw for the CY-Series are indicated for Neodent implants-CM Drive, manufactured by Neodent®

*Each MedentiLOC abutment with screw includes an abutment screw for fixation on the implant.

The article number is the order number.

Composition: MedentiLOC abutment with screw are made from titanium Ti6Al4V medical grade 5, ASTM 136.

Instruction for clinician: Close cooperation between surgeon, restorative dentist, and dental laboratory technician is required for successful implant treatment. Abutment Direct Inc. MedentiLOC abutments include an internal screw to attach the dental abutment to the dental implant. Please follow the recommended torch levels specific to the implant-abutment combination in your Abutment Direct catalogue. If you do not have a catalogue, please contact 1-855-604-0465 to order our catalogue. We recommend that clinicians, new and experienced users, go through training on any new product concepts they encounter. Abutment Direct Inc. provides hands-on guidance to all customers. Contact your local Abutment Direct Inc. representative for more information.

Contraindications: Not suitable for a completely fixed connection is required. The MedentiLOC abutment with screw can only be combined with the matching implant, e.g. the CE-Series shall be combined exclusively with Nobel Replace® implants. They cannot be combined with implants of a different implant type or manufacturer. The diameter of the Abutment must correspond in size to the used implant in order to prevent peri-implant tissue irritation. The Medentiloc abutments with screw are indicated for single use only. If they are used multiple times, they might damage the implants. For fixation of the Abutment on the implant, the correct torque force, recommended by the implant manufacturer, has to be considered carefully to avoid the damage of the implant-bone connection.

| Ncm | Abutment | | | | |
|-----|-----------|-----------|-----------|-----------|-----------|
| 20 | CH-Series | CC-Series | | | |
| 25 | CS-Series | CY-Series | | | |
| 30 | CR-Series | | | | |
| 35 | CN-Series | CE-Series | CL-Series | CF-Series | CK-Series |

Application: For the attachment of overdentures or partial dentures on dental implants. The MedentiLOC abutments are screwed directly into the implant and have defined mounting on the face side for various matrix systems. These are attached to the

MedentiLOC abutments whilst using the matrix systems that are inserted in the overdentures or partial dentures. Every type of reworking of the connection geometry to the implant leads to inaccurate fits which rule out re-use. In addition, the facing defined connection points to the matrix systems may not be ground or changed as they are imperative to guarantee a sufficient amount of stability and a good fit.

Safety Notice: Metal dust is harmful to your health. When Milling and sandblasting use a suction extraction system and a breathing mask.

Side Effects: Allergies to alloy or contents of the alloy or electrochemically base reactions may very rarely occur.

Cleaning, Disinfection and Sterilization: The MedentiLOC abutment with screw of the series CE, CF, CH, CL, CN, CR, CS and CY are supplied in non-sterile condition. The products have to be cleaned and sterilized according to the following details:

Cleaning:

Automatic cleaning procedure based on Vario TD program:

- Cold water rinse 1 minute
- Cleaning at 55°C/131°F ($\pm 2^\circ\text{C}/35.6^\circ\text{F}$) for 5 minutes with cleaning agent neodisher® Mediclean (0.5% v/v)
- Neutralization with cold water for 2 minutes
- Cold water rinse for 1 minute

Sterilization:

Steam sterilize the MedentiLOC abutment with screw using a cycle similar to instrumentation sterilization such as 4 minutes at 132°C/270°F.

Warranty: 20 years on the mechanical stability of the MedentiLOC abutment with screw, if it was processed according to the Instructions for use. Whether given verbally, in writing or by practical instructions, our recommendation for use is based upon own experience and trials and can only be considered as standard values. Our products are subject to a constant further development. Therefore alterations in construction and composition are reserved.

Abutment Direct Inc.
102-7351 Victoria Park Avenue
Markham, Ontario
L3R 3A5
Tel: 1-905-604-0465
Fax: 1-905-605-0900

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