Instructions for use for the 4plus6Line prosthetic components of the OT-F² implant system for occlusal screw-retained restorations

Introduction
Basic information and explanations about this implant system (such as implant diameter, color coding, etc.) can be found in the OT-F² product catalog.

Surgical procedures for implant placement and general indication restrictions can be found in the Instructions for Use and Insertion Guide. As Multi-Unit Abutments, the abutments of the 4plus6Line are specifically designed for restoring edentulous jaws with conditionally removable bridges. Bar restorations are also possible with this abutment line.

Illustrations, indications and article numbers for the prosthetic components listed below are also listed in detail in the OT-F² product catalog.

Incorrect or excessive loading of the implant-abutment connection, the abutments and the entire prosthetic construction must be avoided at all costs. Thus, important aspects should be included in the pre-surgical planning for an implant restoration: Implant positions, implant diameter, number of implants and the desired prosthetic design of the superstructure in addition to the patient‘s bite situation should be considered in particular. The distal extension should not exceed one premolar width.

The patient should always be instructed to pay attention to possible loosening during daily cleaning of his dentures and to contact his treating dentist immediately if necessary. Regular recall is strongly recommended.

Important notes:
- The 4plus6Line abutments (0°/17°/30° in GH 1.5 and 3.00), which are immediately fixed intraoperatively in the inserted implants, are already sterile-packed. They are already supplied with color-coded Final Screw. If sterility is no longer ensured due to accidental damage to the packaging, reprocessing instructions are available from the manufacturer.
- The abutments must be definitively fixed with 35 Ncm. The corresponding prosthetic keys, the „4plus6Line Prosthetic Driver; straight MUA“ for the one-piece, non-rotation-locked 0° abutments, and the „Prosthetic Driver 1.30 mm Hex“ for the rotation-locked angled abutments can be found in the product catalog.
- The abutment screws must not be additionally cemented or bonded in the implant. The abutments must also not be modified.
- All other prosthetic components for this purpose are supplied non-sterile (healing abutments, impression posts, definition abutments, etc.).
- Instructions for the „Preparation of instruments“ are stored in the QR code on the packaging of the gingiva formers and impression posts.
- A special 4plus6Line abutment screw (M1.4) is included with each of the prosthetic definitive abutments that are fixed to the MultiUnitAbutments.
- In principle, only as-new abutment screws - not used in the dental laboratory - may be inserted in the patient‘s mouth for the definitive restoration.
- The definitive screws of the MUA are colored anodized for differentiation. Please use only these definitive screws for final fixation of the abutments in the patient‘s mouth. Color markings can be found on the 4plus6Line abutments in the area of the FourByFour® connection. Please observe this when processing or reordering the components.
- Abutments for implant diameters 3.40 and 5.00 are not available for this treatment concept.

The treatment concept / indication
The treatment concept is used for the rehabilitation of edentulous jaws in which complex augmentative measures can be avoid with. For this purpose, four implants are inserted in the mandible and six implants in the maxilla. The two posterior implants, mainly 14 mm to 16 mm long, are inserted at an angle of approx. 30° distally. The aim of this treatment method is the immediate loading of the implants with a screw-retained temporary bridge within only one session.

Immediately after insertion, the implants are restored with the corresponding sterile 4plus6Line abutments. The correct selection of angulation and gingival height, as well as the alignment of the occlusal screw connection (rotational position of the implant), plays an important role here. After suture closure, the impression is taken at abutment level. This can be done

OT medical GmbH
Am Tabakquartier 62
28197 Bremen
Germany
Phone +49 (0)421 557161-0 | Fax +49 (0)421 557161-95 | info@ot-medical.de

09-624000000 | 10-23/4
CE 0482

conventionally with the „4plus6Line Impression Coping“ or digitally with the „4plus6Line Scanbody“. As is known, a working model is fabricated (conventionally or also in the digital workflow) with appropriately selected and placed model implants. The temporary restoration already prepared in advance is immediately adapted. Initially, only one titanium cylinder should be incorporated and then the others polymerized intraorally without tension. After finishing, the denture is occlusally screwed onto the already fixed 4plus6Line abutments (M1.4 screw; 25 Ncm).

In the period between implantation and temporary or definitive restoration, the 4plus6Line abutments should be covered with Gingiva Formers (Healing Abutment).

Contraindications:
- Primary splinting of abutments
- direct sprue technique
- single-tooth restoration
- cemented bridge constructions

Important: This brief summary is in no way a substitute for a comprehensive presentation of the above treatment concept. The user should be an experienced implantologist who has intensively studied the philosophy of this method and the special surgical as well as prosthetic procedure! A very close and coordinated working method between dentist and dental technician is of decisive importance for the success of the treatment.

The following prosthetic components are available for the OT-F² implant system:

Sterile-packed 4plus6Line abutments in gingival heights GH 1.50 and 3.00 mm for:
- Ø3.80 mm in the angulations 0° and 17°
- Ø4.10 mm in the angulations 0°, 17° and 30°

Packed in unsterile condition:
- Healing Abutment
- Impression Coping, open and Scanbody
- Implant Analog, conventional and 3D
- Various prosthetic components

Explanation of the symbols		
	MD Medical device	Do not resterilize
Do not reuse	Consult Instruction for use	Do not use if the packaging is damaged
Keep dry	Manufacturer	Use by
Caution!	STERILE R Sterilized using irradiation	

OT medical GmbH
Am Tabakquartier 62
28197 Bremen
Germany
Phone +49 (0)421 557161-0 | Fax +49 (0)421 557161-95 | info@ot-medical.de

09-624000000 | 10-23/4

CE 0482