MEDENTiKA®
A Straumann Group Brand

Medentika® Prosthetic Solutions

NOVALOC®
MEDENTILOC™
DIGITAL WORKFLOW

MEDENTiKA® NOVALOC® MATRIX SYSTEM

Novaloc® redefines denture retention with its precision-engineered attachment system. Designed with patient comfort in mind, the Novaloc® system facilitates convenient insertion and removal of prostheses, while allowing for optimal adjustment of denture retention according to different clinical needs.

Divergence Compensation
In combination with the angled abutments, you can compensate for divergences of up to 70° between the implants.

Gingival Heights
Both the straight and angled Novaloc® abutments are available in 5 different gingival heights.

Angulation
15° angulation of the abutments.

Screw Head Opening
The small screw head opening of the straight Novaloc® abutment reduces food packing.

Matrix Housing
The matrix housing is available in titanium and also PEEK.

ADLC Surface
The surface quality of the ADLC coating (amorphous diamond-like carbon) provides smooth surface and high hardness for wear resistance and low maintenance.

Retention Insert
Made from PEEK high-performance plastic and manufactured with high precision, it can optimally absorb lateral pressure thanks to the patented design. Available in 6 different retention forces.

MEDENTILOC™ ABUTMENTS

The MedentiLOC™ abutment offers high precision and is fully compatible with the Novaloc® matrix system. It provides a particularly cost-effective solution for overdenture retention. A notable advantage of the MedentiLOC™ abutment is its straightforward design, which allows for chairside treatment.

THE MEDENTILOC™ ABUTMENTS ARE AVAILABLE IN STRAIGHT AND ANGLED DESIGN AS WELL AS IN FIVE DIFFERENT GINGIVAL HEIGHTS.

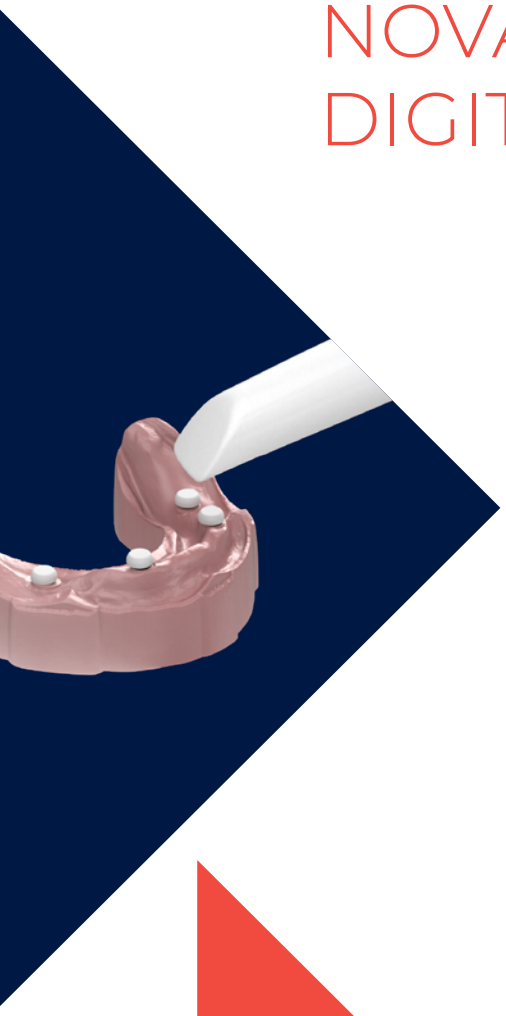
MULTI-UNIT SCREW PATRIX MEDENTILOC™ / NOVALOC®

The multi-unit screw patrices, when used with our multi-unit abutment, provide an additional option for restoration. They facilitate a seamless transition from a screw-retained restoration to a removable overdenture construction.

The multi-unit screw patrices, along with MedentiLOC™ and Novaloc® angled options, accommodate implant angulation of up to 30°.

These screw patrices are secured using the appropriate screwdriver for each implant system.

NOVALOC® / MEDENTILOC™ DIGITAL



DIGITAL PRECISION FOR REMOVABLE PROSTHETICS

Novaloc® / MedentiLOC™ Digital represents our innovation that advances removable prosthetics into the digital era of dentistry.

This fully digital workflow includes Scanbodies for the Novaloc® and MedentiLOC™ Abutments, sterilizable titanium Repositional Analog, and Retention Screws all designed for precision and efficiency.

With the library available for 3Shape and exocad, it simplifies data storage and sharing, eliminates conventional impression materials, and reduces patient visits. Novaloc® / MedentiLOC™ Digital is a versatile, indispensable tool for modern dental practices and is compatible with major Intra-oral Scanning systems and designed for ease of scanning.

ABUTMENT LEVEL WORKFLOW

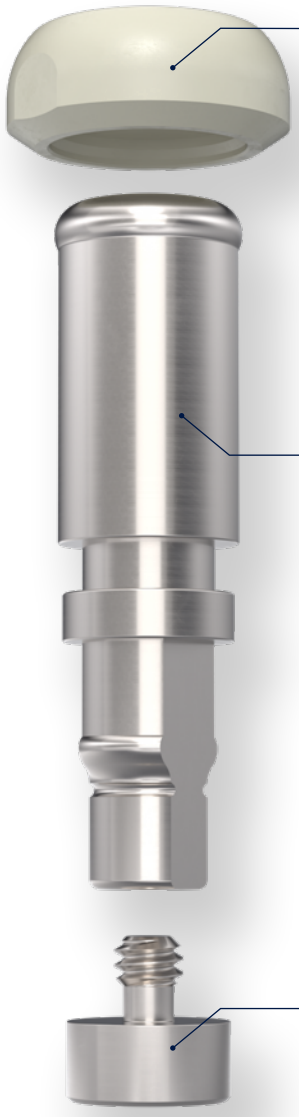
1. Abutment Level Scanning
2. Denture Designing
3. Denture Manufacturing

ABUTMENT LEVEL WORKFLOW WITH PRINTED MODEL

1. Abutment Level Scanning
2. Denture Designing
3. Model Designing
4. Model Manufacturing
5. Denture Manufacturing

NOVALOC® / MEDENTILOC™ DIGITAL

PRODUCT DESCRIPTION AND OVERVIEW



Abutment Level Scanbody
PEEK material for efficient scanning

Repositional Analogs
Represent the precise implant location

Retention Screw for 3D Models
Placement of the analog in the 3D-printed model is possible using click-fit" and screw retained method

Note: The digital planning and design is compatible with 3shape and exocad software

NOVALOC® / MEDENTILOC™ DIGITAL WORKFLOW

The virtually 100% digital restorative treatment workflow for implant-based removable prosthetic solution.

DATA ACQUISITION

TREATMENT PLANNING

IMPLANT SURGERY

ABUTMENT PLACEMENT
Novaloc® / MedentiLOC™

INTRAORAL SCAN
Abutment level scanbodies

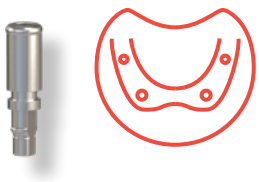
PROSTHESIS DESIGN
Precise post-surgical design

WITHOUT MODEL

Direct technique
Intraoral abutment selection and workflow

WITH MODEL

Direct or indirect technique
Patient model creation with abutment analogs



LIBRARY AVAILABLE FOR 3SHAPE AND EXOCAD

BENEFITS OF DIGITAL WORKFLOW

EFFICIENCY
- Precision
- Speed
- Chairside digital workflow
- Abutment library available for 3Shape and exocad

FLEXIBILITY
- Works with major Intra-oral Scanning systems
- Easy to scan due to design and materials used

PATIENT EXPERIENCE
- No conventional impression material is needed
- Less patient visits

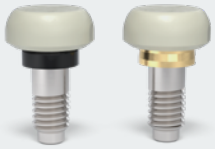
SCANBODY AND REPOSITIONAL ANALOG PRODUCT INFORMATION

ARTICLE NO´S	PRODUCT DESCRIPTION	MATERIAL
2010.726-NOV	Novaloc® Scanbody 4 pack	PEEK
2010.727-NOV	Novaloc® Scanbody 10 pack	PEEK
2010.728-NOV	Novaloc® Model Analog CADCAM 4 pack	Titanium
2010.729-NOV	Novaloc® Model Analog CADCAM 10 pack	Titanium

SCAN OR CLICK FOR OUR ONLINE SHOP:

SCAN OR CLICK TO DOWNLOAD OUR LIBRARIES:

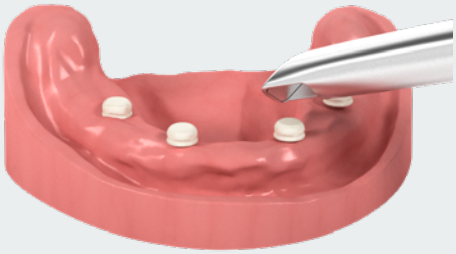
STEP-BY-STEP APPLICATION



1

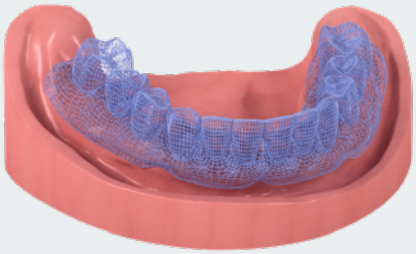
- Ensure that the seating surface of the abutment is clean, free of residue, and dry.
- Place the Scanbody on each Novaloc® / MedentiLOC™ abutment and press down firmly. (If there is a gap between the scanbody and the gingiva, Novaloc® / MedentiLOC™ mounting collar can be placed on the abutments to close the gap for better scanning performance)

2



- Continue scanning by following the instructions of the software and hardware IFU.
- Select “just scan” or denture workflow in the scanning software.

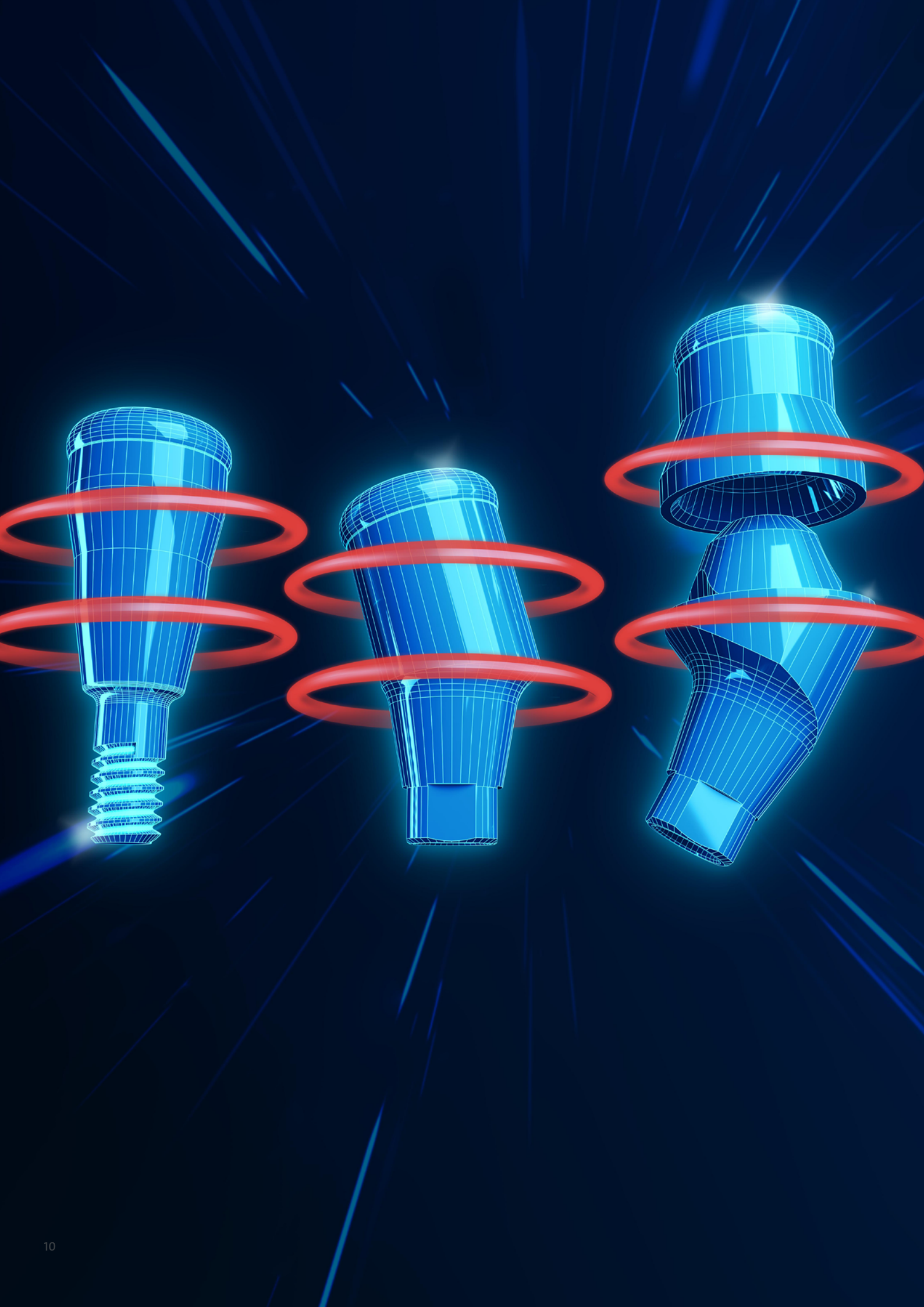
3



- Process the scan and send it to the dental laboratory for the design and manufacturing of the final prosthesis.
- The Scanbody creates a recess in the prosthesis base to allow the housing to be seated without interference from the surrounding prosthesis acrylic.

SCAN OR CLICK TO SEE THE STEP BY STEP VIDEO IN **3SHAPE**

SCAN OR CLICK TO SEE THE STEP BY STEP VIDEO IN **EXOCAD**



BEYOND THE ORIGINAL

CLICK OR SCAN THE CODE FOR MORE DETAILS ABOUT OUR PRODUCTS IN OUR ESHOP

RE-ENGINEERED COMPATIBLE PROSTHETICS.

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