

CAD/CAM solutions for the Thommen Implant System

Overview of restorative possibilities



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A complete range of CAD/CAM solutions is available for the Thommen Implant System. Collaboration with Nobel Biocare brings access to NobelProcera™ technology and industrially manufactured individualized restorative options. In addition, the Titanium Base for CAD/CAM allows the use of in-lab or centralized milling center technologies. The data set for the Titanium Base is integrated into leading scanning technology providers.

Individualized CAD/CAM-based prosthetic restorations may be fabricated for all platforms of the Thommen implants SPI®ELEMENT and SPI®CONTACT.

Advantages at a glance


- Flexible treatment and work flows for the dental team
- Individualized emergence profiles and esthetic material
- Titanium Base for CAD/CAM compatible with both in-lab and centralized fabrication technology
- Collaboration with leading CAD/CAM suppliers for expanded options
- Available NobelProcera™ technology and industrialized manufacturing



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Prosthetic overview

Solutions for all indications and clinical situations

Restoration type		Implants
		<ul style="list-style-type: none"> · SPI®ELEMENT · SPI®CONTACT 
Emergence profile		Abutment/Bridge
Single unit	standard	<ul style="list-style-type: none"> · SPI®EASY/ART (cement-retained) · SPI®VARIO (screw-retained)
	individualized	<ul style="list-style-type: none"> · Thommen Titanium Base for CAD/CAM · NobelProcera™ Abutments and Crowns
Multiple unit	standard	<ul style="list-style-type: none"> · SPI®EASY/ART (cement-retained) · SPI®VARIO (screw-retained)
	individualized	<ul style="list-style-type: none"> · Thommen Titanium Base for CAD/CAM · NobelProcera™ Abutments and Bridges · NobelProcera™ Implant Bridge
Edentulous jaw	standard	<ul style="list-style-type: none"> · SPI®VARIOmulti with copings · SPI®RETAIN (bar abutment, retentive anchor, milling abutment, Zest LOCATOR®)
	individualized	<ul style="list-style-type: none"> · NobelProcera™ Implant Bridge <ul style="list-style-type: none"> – on SPI®VARIOmulti or – on Thommen implant level · NobelProcera™ Implant Bar Overdenture

Titanium Base for CAD/CAM for individualized abutments

The Titanium Base works with most CAD/CAM systems to allow independent design and fabrication of screw- and cement-retained single tooth restorations.

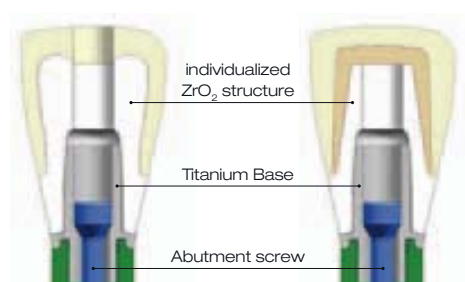
The Titanium Base may also be used in combination with CAD/CAM-fabricated zirconiumdioxide copings and multiple unit bridges.

Note

For complete information see the brochure Titanium Base for CAD/CAM (Fo_02d158) or visit www.thommenmedical.com.

Abutment veneered (screw-retained)

Full-ceramic crown (cement-retained)



Restoration possibilities with CAD/CAM support

Dentist

The dentist works as usual and forwards the impression (retentive or “open tray” recommended, due to better precision) to the dental technician.

Individualized CAD/CAM options:

- Abutments with the Titanium Base for CAD/CAM
- Abutments and Bridges with NobelProcera™

Case images used with kind permission of Dr. Mauro Merli, Clinica Merli, Rimini, Italy.

Impression

- retentive (recommended)
- repositionable



Dental Technician

The dental technician fabricates the dental model and proceeds according to the selected restorative option and available infrastructure:

Thommen Titanium Base for CAD/CAM (see brochure Fo_02d158)

- For individualized superstructures made of ceramic (i.e. zirconiumdioxide)
- Compatible with in-lab or centralized CAM

NobelProcera™ for Thommen implants (see brochure Fo_02d165)

- For restorations with different metallic or ceramic materials
- In-lab design with NobelProcera™ System (scanner and CAD)

Case image used with kind permission of Eugenio Bianchini, Danilo Serafini and Luca Torsani, Laboratorio Novum, Rimini, Italy.

Model fabrication

(Wax-up, where required)



CAD/CAM Center

The dental model or restoration data is provided to the centralized or specialty fabrication partner.

Current information including companies which provide CAD/CAM solutions for the Thommen Implant System may be found on our website:

www.thommenmedical.com.

send model

Final restoration



Scanning and CAD processing

- Titanium Base used with an open scanning and CAD solution
- NobelProcera™ (NobelProcera™ scanner and CAD software)

CAM processing

- Custom coping for Titanium Base



Checking and veneering

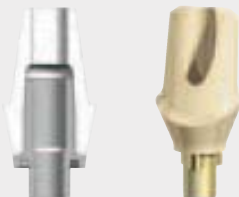


Scanning and CAD processing

- CAD/CAM partner
- Specialized dental lab
 - NobelProcera™

CAM processing

- Custom coping for Titanium Base
- NobelProcera™ for industrial fabrication



send data

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