Challenge Series
Variety of Innovative Solutions

PteryCore

Zygomatic

PteryFit
Introducing Noris Medical’s Challenge Series

Noris Medical believes that today more than ever we need to change our approach, from a localized solution to a global one, which addresses the full range of needs of both clinicians and their patients.

Out of this vision, we developed a solution for optimal and immediate rehabilitation of atrophic jaws that enables the patient to forgo lengthy and complex bone grafting.

Using Zygomatic and Pterygoid implants in immediate placement and reconstruction protocols provide a viable solution to a rapidly growing number of patients.

We understand that this new procedure can present challenges to the clinician. Our offer, thus, is not limited to our implants but includes a range of reconstruction components and instruments, as well as training and support provided throughout the complete implant procedure.

This way Noris Medical enables the clinician to extend the range of services and provide a solution for all patients.

LEAVE NO PATIENT BEHIND
PteryFit

PteryFit implants have been uniquely designed to match the anatomy of the bone structure.

The lower V shaped thread zone enables self-tapping.

The middle zone square type thread is used for compressing cancellous bone and help achieve maximum BIC.

The smooth surface “Neck” at the top helps in eliminating the adherence of periopathogens, thus reducing the chances of an inflammatory process to develop around the neck area.

The RBM treated surface increases the BIC.

Material: Titanium (Ti6Al4V ELI)

Treatment: RBM

Benefits

- With diameter of 4.2 mm and Wide dimensions range of lengths from 18-25 mm.
- Excellent retention for immediate loading.
- Smooth neck for reduction of plaque accumulation and improved oral hygiene conditions.
- Self-tapping.

Clinical Challenge

A solution for atrophic maxilla by achieving anchorage in the medial pterygoid plate.
### PteryFit Implant

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**Cover Screw** Included with all implants  NM-S5023

**Drilling Speed (RPM)**

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**Drill Sequence**

*All Bone types*

Osteotome NM-X3001
See page 21
PteryCore

Are installed in the posterior region of the atrophic maxilla and located in the Pterygomaxillary region.

Their sharp, deep threads provide extremely strong retention for primary implant stability. As such, they provide good stability for immediate loading protocols. PteryCore Implants are designed to have a smooth surface at their Neck, followed by RBM treated surface. The smooth surface “Neck” at the top helps in eliminating the adherence of periopathogens, thus reducing the chances of an inflammatory process to develop around the neck area. The RBM treated surface increases the BIC.

**Material:** Titanium (Ti6Al4V ELI)

**Treatment:** RBM

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**Tuff Implant**

When the going gets tough the TUFF gets going. With versatile application capabilities the TUFF has three thread zones. Tuff implants have been uniquely designed according to the anatomy of the bone structure. The Apical V-shape thread zone enables self-tapping. The Medullary zone square type thread is used for compressing cancellous bone and helping achieve maximum BIC. The micro thread of the Crestal zone adds stability and prevents Crestal bone loss. The TUFF is tough with its grade 5 titanium structure and RBM surface. With diameters range of 3.3-6mm and lengths of 6-18mm no case is tough enough for the TUFF.

**Material:** Titanium (Ti6Al4V ELI)

**Treatment:** RBM

- 2.43mm hexagon smooth neck to prevent bacterial adhesion.

- RBM treated.

- Sharp and deep threads, orthogonal to the occlusion load, for remarkable stability.

**Benefits**

- Developed after many years of combined experience especially for immediate loading in conditions of insufficient bone.
- With diameter of 4.2 mm and multiple lengths from 11-18 mm.
- The threads are orthogonal to the occlusion load.
- Greater resistance to the lateral mechanical stress.
- Smooth neck for reduction of plaque accumulation and improved oral hygiene conditions.

**Clinical Challenge**

A solution for atrophic maxilla by achieving anchorage in the medial pterygoid plate.
# PteryCore Implant

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**Cover Screw** Included with all implants  

NM-S5023

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## Drill Sequence*

All Bone types

Osteotome NM-X3001

See page 21
Zygomatic

You can always find a place to hang on to!

Even when it seems like there is nothing left, you can always find a place to hang on to! Our Zygomatic implant placement is a highly predictable procedure with an excellent success rate in the restoration of an atrophic maxilla, without the need for complex bone augmentation procedures.

The implant is specially designed for the extramaxillary approach; is anchored in the zygomatic bone; and the resulting torque is very high. In addition, bypassing of the maxillary sinus minimizes or prevents damage to the sinus membrane.

**Material:** Titanium (Ti6Al4V ELI)

**Treatment:** RBM

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### Benefits
- Especially designed for the Extramaxillary technique.
- Deep threads for excellent stability in the Zygomatic bone.
- 2.43 mm internal hex connection.
- Smooth body to reduce periopathogens adherence.
- Available in lengths from 35 mm to 57.5 mm at increments of 2.5 mm.

### Clinical Challenge
A solution for atrophic maxilla by achieving anchorage in the Zygomatic bone.
### Zygomatic Implant

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**Cover Screw** Included with all implants  
NM-S5023
Zygomatic Implant

Drill Sequence
We Can Make You

Smile