

Greater freedom, greater control





Implant Dentistry
Simplicity with
Stability, Strength
and Speed



The aim at Neoss has always been to provide an implant solution for dental professionals enabling treatment in the most safe, reliable and successful manner for their patients.

By forging strong relationships with surgeons, clinicians, assistants and engineers it has been possible to design an implant system that is defined by the word 'simplicity'.

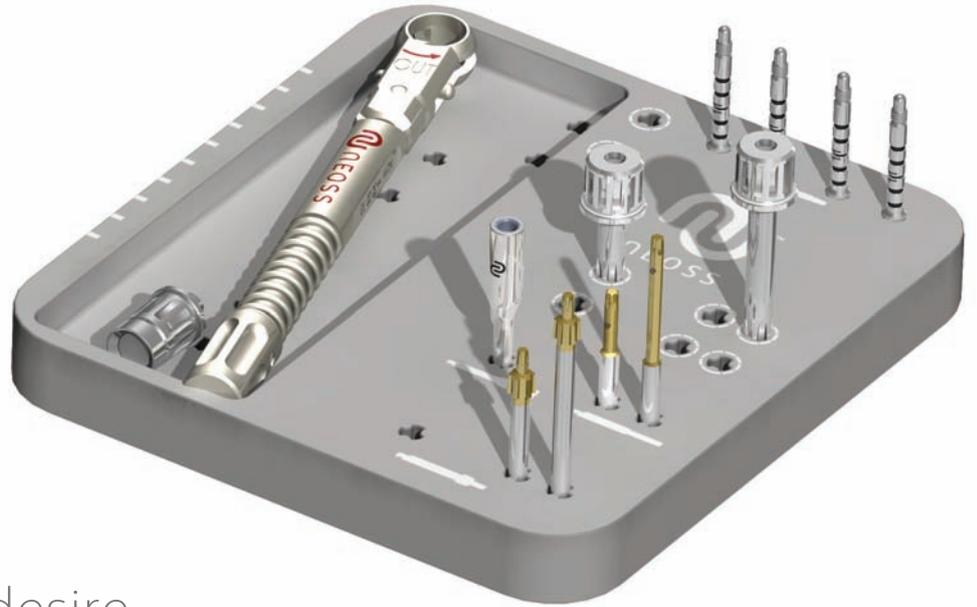
The Neoss system utilizes a minimal number of components and instruments to provide the most flexible state-of-the-art solution.

This ingenuity lies in the patented implant design optimizing stability in all bone qualities and conditions and eliminating the need for separate one- or two-stage designs.

The minimal platform concept utilizes only two implant platforms to support diameters in the range 3.25–5.5mm. This also greatly simplifies surgical and prosthetic instrumentation.

The benefits are clear: reducing patient treatment time, optimizing inventory control and superior outcomes for patients.





Every surgeon's desire – Optimal, efficient and predictable surgery

Although simple the Neoss system offers a complete range of implant lengths and diameters for all applications: immediate loading, immediate replacement, poor quality and augmented bone.

The highly innovative ProActive surface has been shown in animal studies to have accelerated osseointegration with increased strength of bone to implant contact. This is achieved through the unique surface topography, great attention to cleaning and packaging and a surface treatment creating electrowetting resulting in intense blood flow and hydrophilicity.

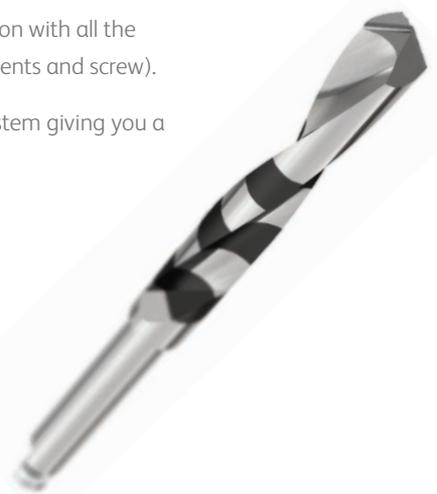
The patented implant geometry and design enhance stability in poor bone qualities by controlled compression whilst secondary cutting characteristics prevent overcompression in dense bone optimizing implant seating.

Treatment is not optimized by components alone. Intelligent packaging provides the surgeon with all the components needed for treatment in a simple kit (implant, cover screw, two healing abutments and screw).

In total, you get the flexibility that comes with a completely integrated and streamlined system giving you a truly cost-effective solution:

- Co-packed products for effective storage and efficient treatment procedure
- Safe implant placement with internal connection and a stable implant inserter
- A simple prosthetic platform that requires a minimum of instruments and prosthetic components
- A logical drill protocol which means you can prepare the implant site with great precision

Implants come in six diameters – Ø3.25, Ø3.5, Ø4.0, Ø4.5, Ø5.0 and Ø5.5mm – and in lengths ranging from 7–17mm (not all diameters available in all lengths).



Restorative freedom and flexibility

The Neoss implant system has been designed to be intelligently simple offering optimal flexibility from a minimum number of components and instruments.

At the chairside there are flexible temporary solutions ranging from simple adjustable PEEK healing abutments to anatomical tissue contouring provisionals.

What's more, the Neoss system gives you the prosthetic freedom to work with cemented or screw retained solutions in titanium, gold or zirconia offering your patients the best possible solution.



The simple platform concept enables open and closed tray impressions to be taken with a minimum number of components. Three abutment screws restore the entire system. Such simplicity ensures optimal serviceability for the lifetime of a patient's prosthesis.

Restorative instrumentation too comprises only one screwdriver. Put all this together and it will truly give you greater independence, improved efficiency and unlimited choices:

- Internal connection
- Individualized prosthetics for optimal esthetics
- Simple platform concept
- One screwdriver for all components
- One prosthetic platform for implant diameters 3.5–5.5mm



Less is certainly more in your lab

As a dental technician, Neoss offers you an intelligent solution that takes less effort and time to implement, will strengthen your relationship with your dentist and improve your business.

The Neoss NeoLink™ gives you full flexibility to create a prosthetic solution in titanium, gold, ceramic or other materials. The NeoLink offers unrivalled flexibility enabling direct casting, porcelain build up or bonding. Bonded ceramic abutments ensure a stress-free prosthesis.

Screw retained straight and angulated Access components have an exceptionally low profile ensuring adequate space in the maximum number of locations.

Anatomical provisional components in tissue friendly PEEK enable the dentist to surgically develop an excellent emergence profile easily transferred to the laboratory.

The minimal platform concept ensures minimal inventory levels and maximum flexibility.



The inspiration behind the innovation

Convinced that existing implant systems are too complex, Professor Neil Meredith and Fredrik Engman founded Neoss in 2000.

Their idea was to streamline the technique with dental implants to create a much simpler and more rationalized solution. Through persistent effort and close collaborations they created a high-quality, optimized implant system.

With a limited number of components, the Neoss Implant System has unique design features and a host of excellent advantages for everyone.



Neil Meredith, CEO Neoss Ltd

Professor Neil Meredith has held positions in dentistry at the universities of Leeds, Bristol and Gothenburg, and at the Eastman Dental Institute in London. In 1998 he co-founded a spin-off company with Imperial College, London, to exploit Osstell™, a unique test method for measuring implant performance which is now the world standard.

“Neoss offers a carefully-considered and user-friendly solution for all members of the treatment team, dental surgeons and restorative dentists, assistants and dental technicians. Our access to a research and development pipeline is unique, enabling us to develop technologies which provide successful treatment in the most challenging of cases.”

Fredrik Engman, CTO Neoss Ltd

Fredrik Engman worked as a surface development engineer at Volvo before joining Nobel Biocare as a senior product development engineer. There he made a number of significant inventions in the dental implant area.

“The development of the Neoss system is based on extensive research and development and has led to a system with considerable clinical flexibility in combination with simple and cost-effective solutions.”



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