etk
A LYRA COMPANY

Naturactis **N**aturall+ **N**atea+

All profiles are found in nature

3 PROFILES INSPIRED BY NATURE

Single connection

Common prosthetic range

Naturactis

INDICATIONS

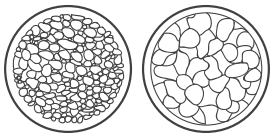
- Post-extraction surgery
- Low-density bone areas

- Cylindroconical implant
- Subcrestal level
- Elevated primary anchorage
- Ø 3.5 - 4 - 4.5 - 5 mm
- Lg 6 - 8 - 10 - 12 - 14 - 16 - 18 mm

Naturall+

INDICATIONS

- All areas
- All bone densities
- Sub-sinus area
- Post-extraction surgery



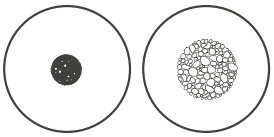
Cancellous bone

- Conical implant
- Bone level
- High-level primary stability
- Ø 3.5 - 4 - 4.5 - 5 mm
- Lg 6 - 8 - 10 - 12 - 14 mm

Natea+

INDICATIONS

- Mandibular arch
- All bone densities and particularly high densities



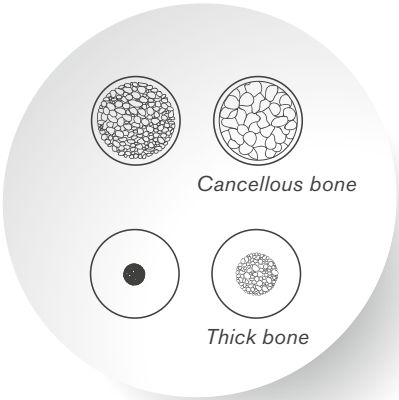
Thick bone

- Cylindrical implant
- Bone level
- Ø 3.6 - 4.1 - 4.8 - 6 mm
- Lg 6 - 8 - 10 - 12 - 14 mm

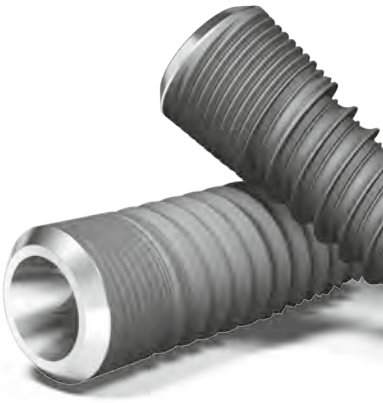
Naturactis and Naturall+ implants are also available in Ø 3mm => please refer to the specific"Ø 3 narrow implants" brochure.

... TO OPTIMISE ANCHORAGE AND

Naturall+ Natea+



IN ALL BONE DENSITIES



Proven STAE® surface treatment

- Micro sandblasting with titanium oxide and etching with nitric and hydrofluoric acids *(cf studies 4, 5 and 6 on page 11)*
- 26 years of clinical experience

Bone level

- Better visibility and accessibility with the probe

Engaging and atraumatic apex

- Departure of the screw threads from the apex for high self-tapping capacity of the implant
- Safe use in the sub-sinus area

Synchronous microthread with the main thread

- Insertion with no tearing of the cortical bone
- Stabilization of the cortical bone
- Optimization of the primary anchorage

Asymmetrical thread

- Homogeneous distribution of masticatory forces
- Excellent primary stability right from the placement of the implant *(cf bibliographic reference 1 on page 12)*

Double thread

- Reduced bone heat-up and insertion time

Central protrusion between the screw threads

- Increases the surface in contact with bone tissues by 15%
- Facilitates osteogenesis
- Activates cellular reconstruction *(cf bibliographic references 2 and 3 on page 12)*

OSSEOINTEGRATION

Naturactis

IN POST-EXTRACTION SURGERY

Subcrestal level

- Sandblasting of the shoulder for bone coverage

Deep-bladed apex

- Departure from the end of the screw threads in the form of a strip
- Better control of the desired insertion axis
- Ideal for post-extraction situations

... TO SIMPLIFY MANAGEMENT OF THE

A single connection for all implant diameters → the choice of the prosthetic platform is not conditioned by the choice of the diameter of the implant, which leaves great flexibility for shaping the prosthetic cradle.

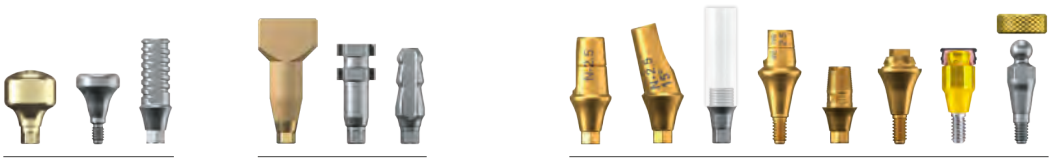
Hexagonal conical internal connection

- Sealing of the prosthetic seal
- Stability of the implant / prosthetic part assembly
- Precision of the orientation of the prosthetic elements

Connection tested for 9 years

- Proven mechanical resistance
- Validated fatigue tests compliant with ISO 14801 standard

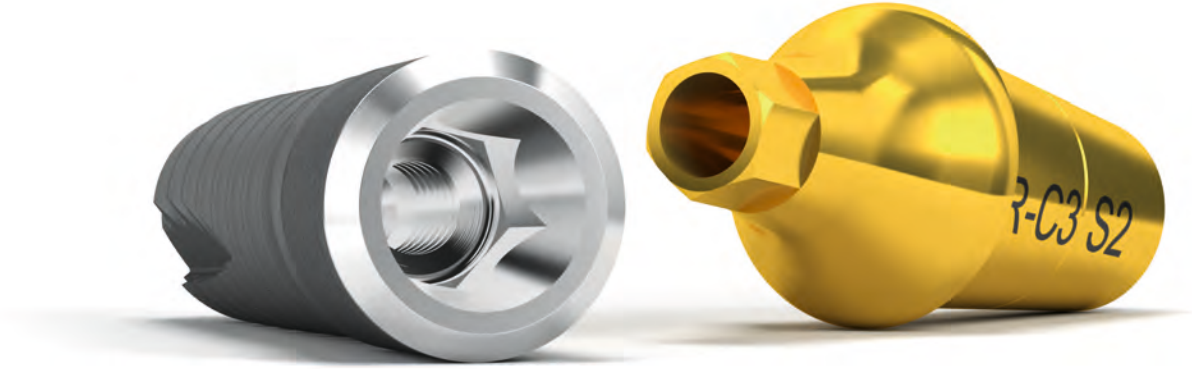
1 common prosthetic range



healing impression prosthesis

1 single prosthetic connection

3 implant systems

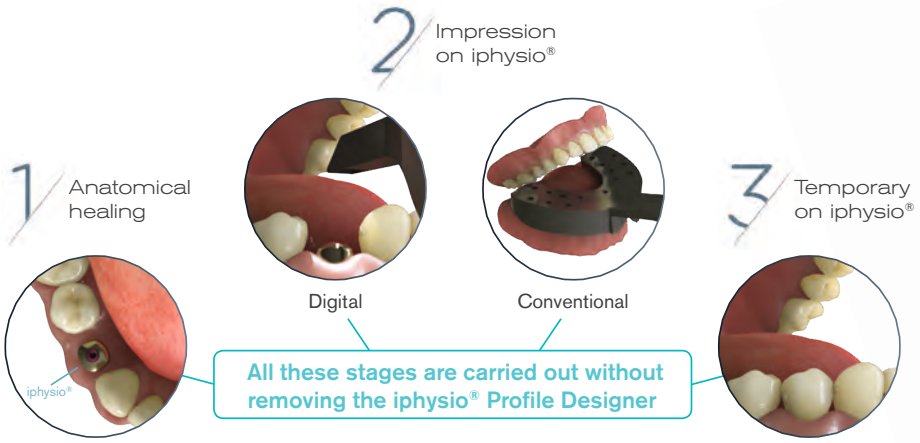


EMERGENCE PROFILE

PROFILE DESIGNER
iphysio®

A 3 in 1 solution

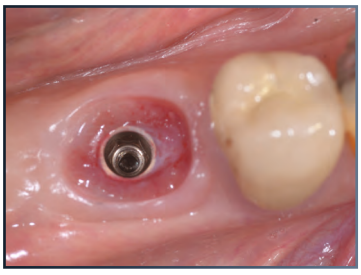
This new solution allows to simplify the healing process, the impression technique and the temporization with the iphysio® Profile Designer, without removal and without damage to the mucosa attachment.



Anatomical shape

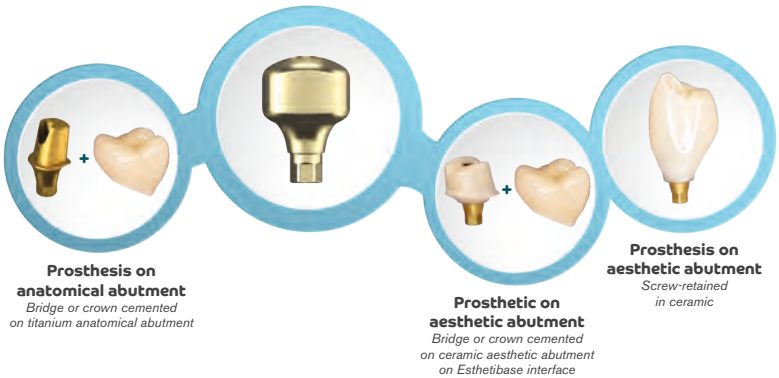
Its anatomical shape will give you the best aesthetic results by:

- the sculpting of a true non-circular anatomical profile
- best compressions, preparations and gingival papillae guides in the inter-dental spaces



Anatomical prosthetic cradle after healing with an iphysio® Profile Designer

Final anatomical and aesthetic prosthetic alternatives



Prosthesis on anatomical abutment
Bridge or crown cemented on titanium anatomical abutment

Prosthetic on aesthetic abutment
Bridge or crown cemented on ceramic aesthetic abutment on Esthetibase interface

Prosthesis on aesthetic abutment
Screw-retained in ceramic

For more information: www.iphysio.dental

... FOR THE OPTIMISATION OF ALL

PRECAST ABUTMENTS

Single prosthesis

Cemented

Trans-screwed abutments
straight and angulated

Castable abutments
- gold base
- cobalt-chrome base

Direct Clip abutments

Customizable abutments

Screwed

Tetra abutments
straight

Esthetibase interfaces
anti-rotational

Plural prosthesis

Cemented

Trans-screwed abutments
straight and angulated

Castable abutments
- gold base
- cobalt-chrome base

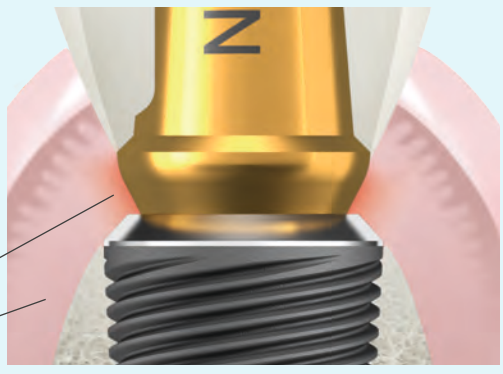
Direct Clip abutments

Customizable abutments

Screwed

Emergence switching

- Acts as a developing chamber of the connective tissue.
- Protects the biological seal.
- Improves the support of soft tissues.
- Locates gingival inflammation away from the crestal bone.



YOUR PROSTHETIC WORKS

Removable prosthesis

On attachments

Tetra abutments
straight and angulated

O'Ring abutments

Plural abutments
straight and angulated

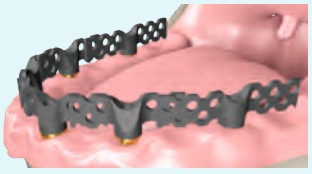
Locator® abutments

Esthetibase interfaces
rotational

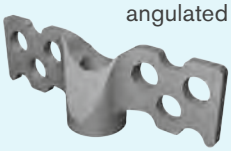
OT Equator® abutments

ALL^IN^BAR® system

Immediate loading solution for making a final bridge in 6 hours on the day when the implants are positioned.



The winged sleeves are mounted on the straight and angulated Tetra abutments.



CAD-CAM

Customized abutments
titanium

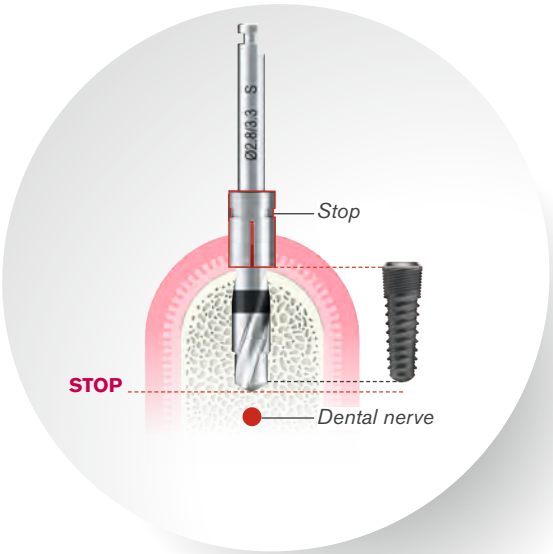
Customized abutments
zirconia and emax on Esthetibase interfaces

Trans-screwed monolithic crowns
on Esthetibase interfaces

Trans-screwed bridges
directly on implants or on abutments

Simple and anatomic bars

SAFETY AND SIMPLICITY



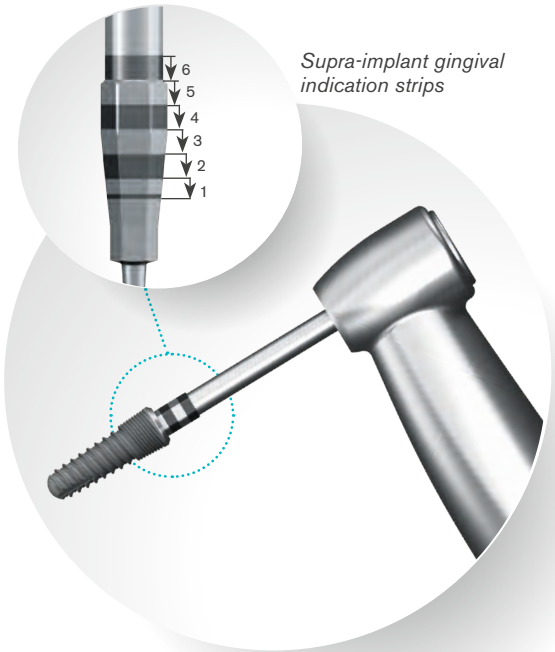
Removable and sterilizable drilling stops

- Secure drilling depth = optimization of the anchorage depth of the implant
- Perfectly calibrated site preparation
- Do not hide visibility

Differentiated protocols

By bone density and implant diameter, thus allowing for a calibration of the implant socket that ensures:

- Good primary stability of the implant, which is an essential condition for osseointegration
- Minimum heating in order to avoid any irreversible bone necrosis



Direct placement of the implant on the mandrel

- Saves time during surgery
- Good visibility of the level of positioning and orientation of the connection
- Informed supra-implant height

QUALITY GUARANTEE

Thanks to its 100% integrated French design and production **etk** ensures the total control of the processes, materials used, and production conditions (respect for asepsis and the environment).

etk guarantee*

- Implants : lifetime guarantee
- Prosthetic parts: 10-year guarantee

** The guarantee only applies subject to the exclusive use of the components **etk** during all stages of treatment (surgery, healing, impression and prosthesis) and only if all application conditions are met.*

More information

Clinical studies

- **Clinical results**
  1. Post-operative monitoring of 60 Naturactis implants placed in 33 patients, using the extraction and implant technique; results after 3 months, 6 months and 1 year (ongoing monitoring)
  Faculty of dental surgery, Complutense University of Madrid (Spain)

- **Sealing of the connections (immersion tests on prematurely aged assemblies)**
  2. Study of the sealing of the implant/abutment junction with two different types of abutments
  University of Warwick, Coventry (England)
  3. Implant connection leakage: comparison of several types of implants using the gaseous diffusion method
  Department of Odontology – Regional University Hospital, Montpellier (France)

- **Surface condition**
  4. Histology and histomorphometry – Comparative study
  Karl Donath Laboratories, Hamburg (Germany) – Laboratory of Histology, Angers (France)
  5. Quantitative study of the roughness of the titanium base surface of dental implants and their microstructures
  Henri Poincaré University (Nancy, France)
  6. Analysis of the cleanliness of the surface conditions of implants **etk** and competitors
  CSIC (Superior Council of Scientific Research) – University of Barcelona (Spain)

Download all of the studies carried out on etk implant systems.

Bibliographic references

(1) The effect of thread pattern upon implant osseointegration
Heba Abuhussein, Giorgio Pagni, Hom-Lay Wang - Department of Periodontics & Oral Medicine, School of Dentistry, University of Michigan, Ann Arbor, MI, USA.
Alberto Rebaudi - Department of Biophisical, Medical and Dental Science & Technology, University of Genoa, Italy.
Clin. Oral Impl. Res. 21, 2010; 129–136.

(2) Effect of a macroscopic groove on bone response and implant stability
Yoon HI, Yeo IS, Yang JH - Department of Prosthodontics, School of Dentistry and Dental Research Institute, Seoul National University, Seoul, South Korea.
Clin Oral Implants Res. 2010 Dec;21(12):1379-85.

(3) Cell orientation and cytoskeleton organisation on ground titanium surfaces
Eisenbarth E, Linez P, Biehl V, Velten D, Breme J, Hildebrand HF - Lehrstuhl für metallische Werkstoffe, Universität des Saarlandes, D 66041 Saarbrücken, Germany.
Biomol Eng. 2002 Aug;19(2-6):233-7.

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euroteknika implants are medical devices of Class IIb (European Directive 93/42/CEE) comply with the standards of conformity and CE0459 marking carrier.
Read carefully the instructions for use and user manual.

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