Naturactis  Naturall+  Natea+
All profiles are found in nature
3 PROFILES INSPIRED BY NATURE

**Naturactis**
- 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+**
- All areas
- All bone densities
- Sub-sinus area
- Post-extraction surgery
- Conical implant
- Bone level
- High-level primary stability
  - Ø 3.5 · 4 · 4.5 · 5 mm
  - Lg 6 · 8 · 10 · 12 · 14 mm

**Natea+**
- Mandibular arch
- All bone densities and particularly high densities
- 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+**

- 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

- 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

**Natea+**

- 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

- Bone level
  - Better visibility and accessibility with the probe

- Thick bone
  - Facilitates osteogenesis
  - Activates cellular reconstruction (cf bibliographic references 2 and 3 on page 12)

- Cancellous bone
  - Increases the surface in contact with bone tissues by 15%
  - Facilitates osteogenesis

- Central protrusion between the screw threads

**IN ALL BONE DENSITIES**

**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
OSSEOINTEGRATION

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

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

Final anatomical and aesthetic prosthetic alternatives

For more information: www.iphysio.dental
... FOR THE OPTIMISATION OF ALL

PRECAST ABUTMENTS

Single prosthesis

Cemented

Trans-screwed abutments straight and angulated

Screwed

Tetra abutments straight

Castable abutments
- gold base
- cobalt-chrome base

Direct Clip abutments

Customizable abutments

Plural prosthesis

Cemented

Trans-screwed abutments straight and angulated

Screwed

Castable abutments
- gold base
- cobalt-chrome base

Direct Clip abutments

Customizable abutments

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.

Inflammatory area away from the bone
Healthy gums facing the bone
YOUR PROSTHETIC WORKS

Removable prosthesis
On attachments

- Tetra abutments
  - straight and angulated
- O’Ring abutments
- Plural abutments
  - straight and angulated
- Locator® abutments
- OT Equator® abutments

**ALLINBAR® 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

Non-contractual photos
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.

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)
  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.

(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.

(3) Cell orientation and cytoskeleton organisation on ground titanium surfaces
Eisenbarth E, Linez P, Siehl V, Velten D, Breme J, Hildebrand HF - Lehrstuhl für metallische Werkstoffe, Universität des Saarlandes, D 66041 Saarbrücken, Germany.