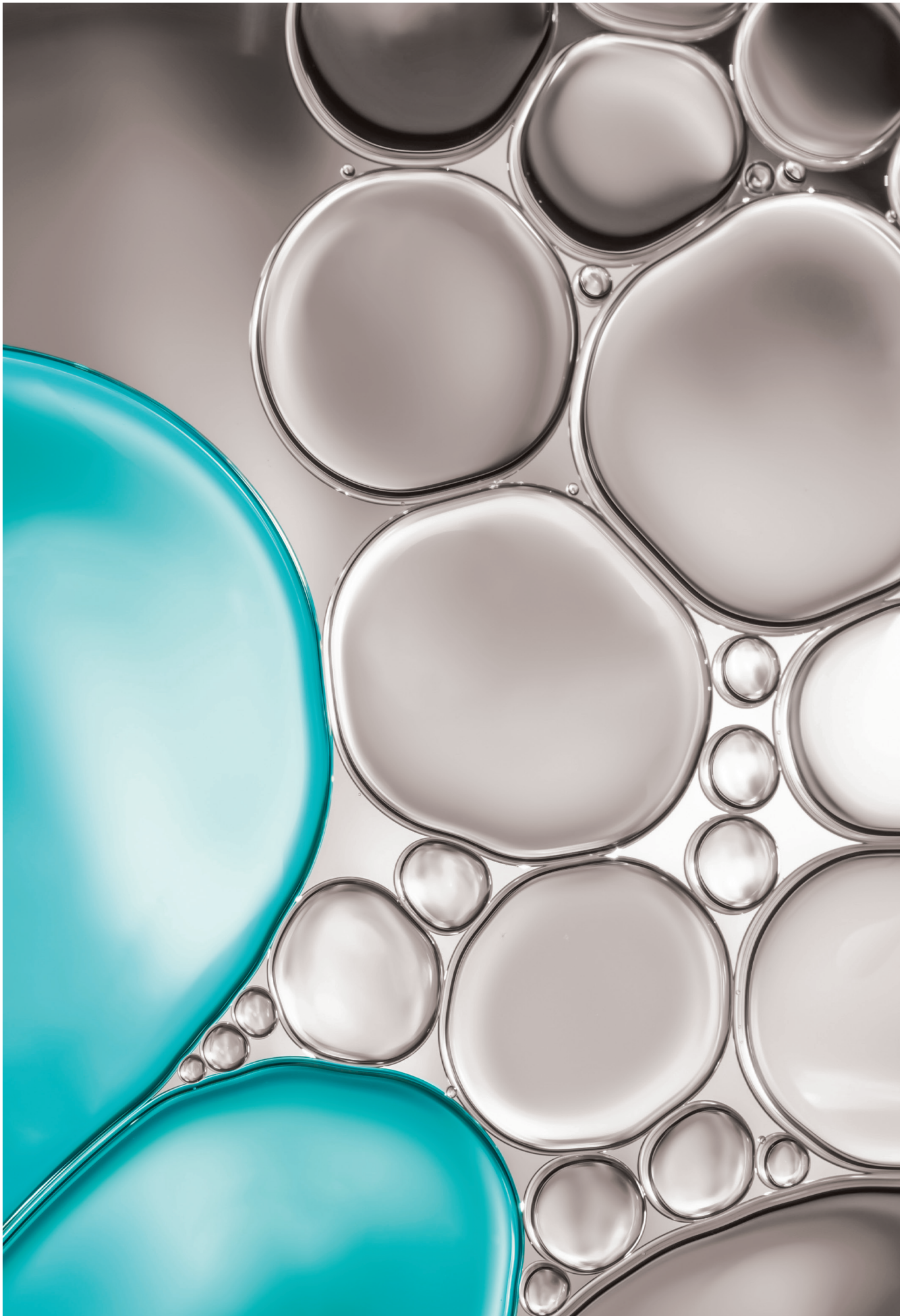


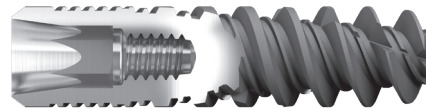
**Naturactis Ø3** **Naturall+ Ø3**  
Ideal for reduced mesial-distal spaces



# 2 IMPLANTS

## 1 PROSTHETIC RANGE

Common connection



Naturactis Ø3



### INDICATIONS

- Restoration of mandibular central incisors and maxillary and mandibular lateral incisors
  - Reduced mesial-distal spaces
  - Thin ridges in the anterior area
    - Post-extraction surgery

### CHARACTERISTICS

- Cyllindroconical implant
  - Bone level
- Lg 8 - 10 - 12 - 14 mm

Naturall+ Ø3



### INDICATIONS

- Restoration of mandibular central incisors when the roots are convergent
  - Reduced mesial-distal spaces
  - Thin ridges in the anterior area
    - Post-extraction surgery

### CHARACTERISTICS

- Conical implant
  - Bone level
- Lg 8 - 10 - 12 - 14 mm

# ... TO OPTIMISE ANCHORAGE AND

## Naturactis



### A cylindroconical implant body

- Optimization of primary stability



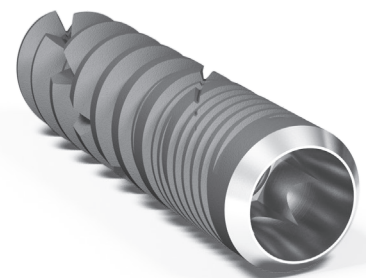
### Variable thread depth that is greater at the apex

- Better apical anchorage in low-density bone



### Active and engaging apex

- Departure from the screw threads in the form of a strip
- Strip depth is greater on the apical part than at the body of the implant
- Optimal anchorage in the cancellous bone
- High self-tapping capacity
- Ideal for post-extraction surgery
- Facilitates the choice of implant axis



### 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

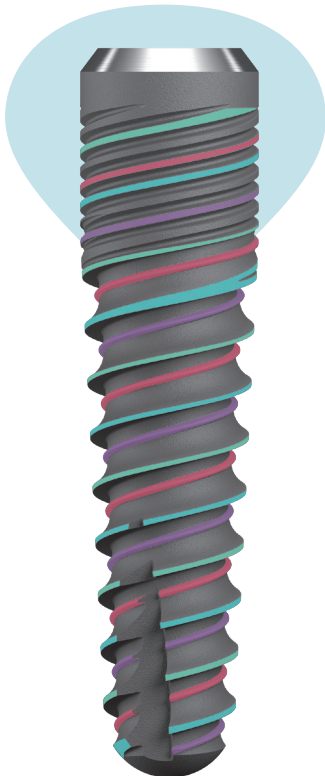
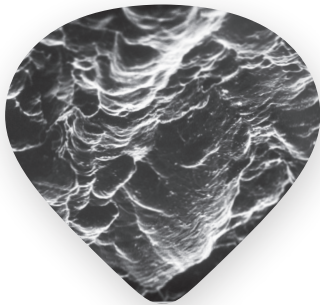
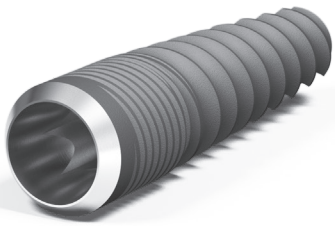
### Central protrusion between the screw threads

- 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

## Naturall+



### A conical implant body

- Optimization of the implant close to the curved roots
- Optimization of primary stability
- Limits apical compression



### Engaging and atraumatic apex

- Apical anchorage via screw thread extension up to the apex of the implant
- Departure of the screw threads from the apex for high self-tapping capacity of the implant
- Safe use in the areas at risk

# ... TO SIMPLIFY MANAGEMENT OF THE

## Hexagonal conical internal connection

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

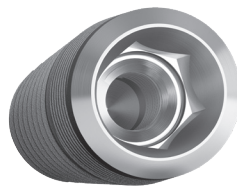
## Connection tested

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

1 common prosthetic range



1 single prosthetic connection



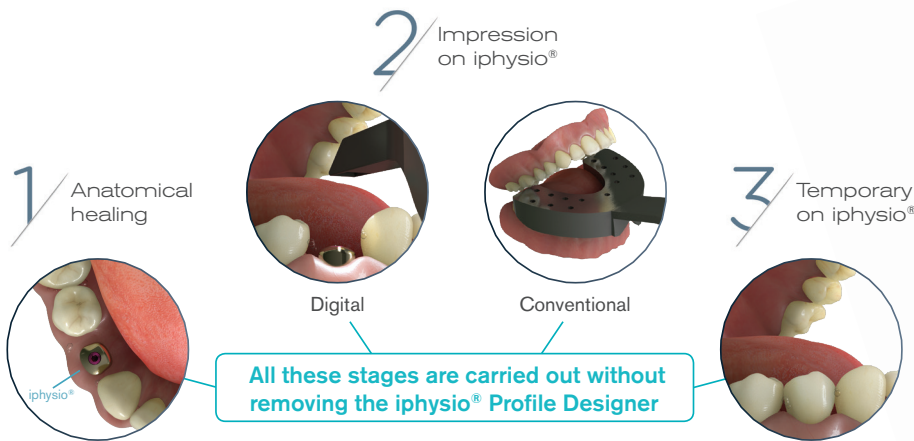
2 implant systems Ø 3



# EMERGENCY PROFILE

## A 3 in 1 solution

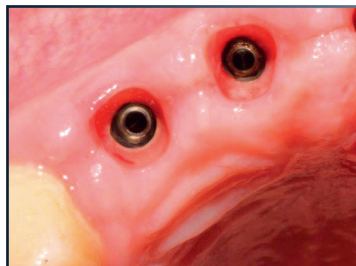
This new solution allows to simplify the healing process, the impression technique and the temporization with the iphysio® Profile Designer, without removal and without damage to the mucosa attachment.



## Anatomical shape

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

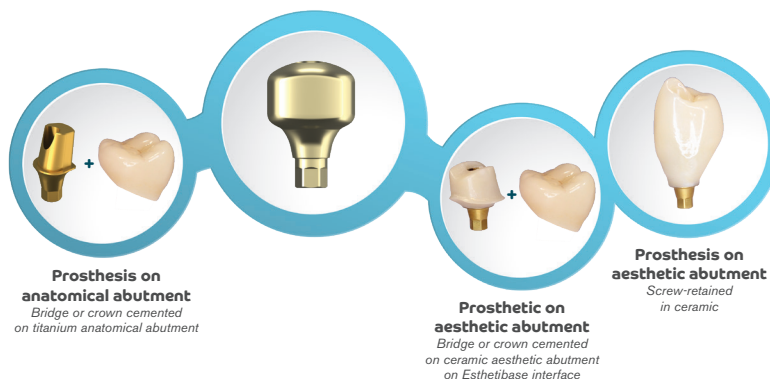
- the sculpting of a true non-circular anatomical profile
- best compressions, preparations and gingival papillae guides in the inter-dental spaces



Anatomical prosthetic cradle after healing with an iphysio® Profile Designer Central and lateral incisors

Photo credit: Dr Albert Franck Zerah

## Final anatomical and aesthetic prosthetic alternatives



For more information: [www.iphysio.dental](http://www.iphysio.dental)



# ... FOR THE OPTIMISATION OF ALL

## PRECAST ABUTMENTS

### Single prosthesis



**Trans-screwed abutments**  
straight and angulated



**Castable abutments**  
gold base



**Direct Clip abutments**



**Esthetibase interfaces**  
anti-rotational

### Plural prosthesis



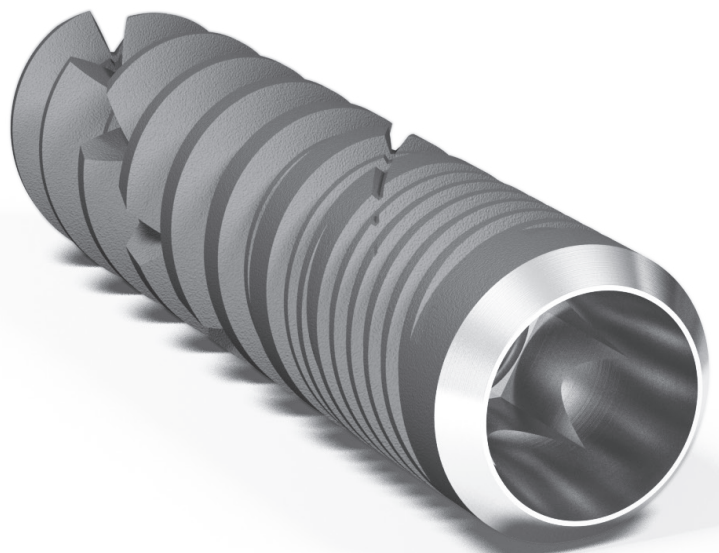
**Trans-screwed abutments**  
straight and angulated



**Castable abutments**  
gold base



**Direct Clip abutments**





# YOUR PROSTHETIC WORKS

Removable prosthesis



O'Ring abutments

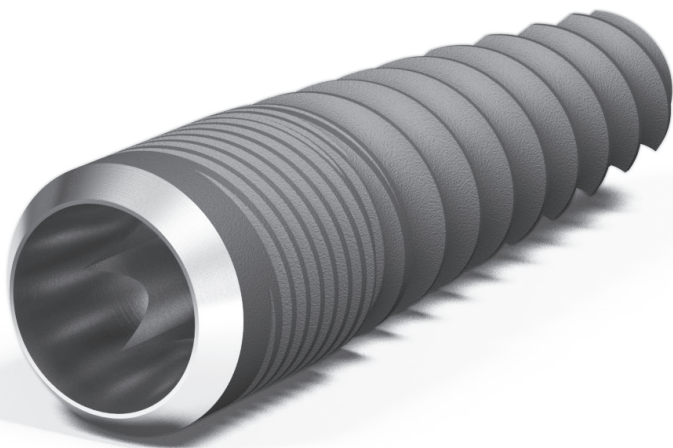
## CAD-CAM



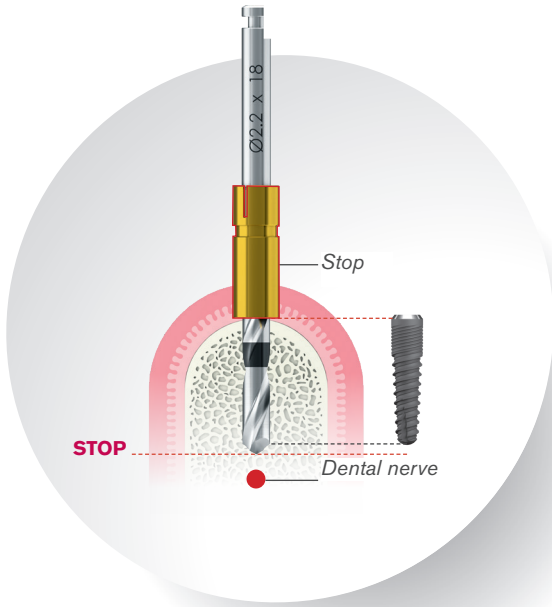
Customized  
abutments  
titanium



Customized  
abutments  
zirconia and emax on  
Esthetibase interfaces



# SAFETY AND SIMPLICITY



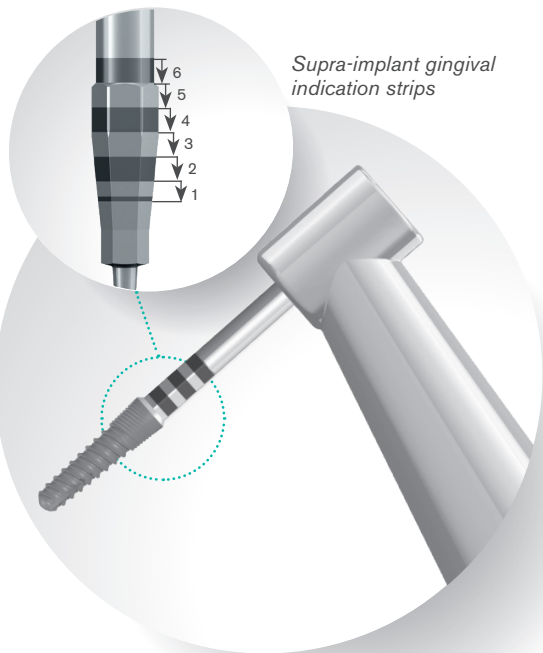
## Removable and sterilizable drilling stops

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

## Differentiated protocols

By bone density 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 Biophysical, 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.