

Your teeth,
naturally
healthy



bti®

Biotechnology
Institute
Human Technology

PRGF®-Endoret®

BENEFITS OF RICH PLASMA

IN GROWTH FACTORS

BIOSAFE · 100 % AUTOLOGOUS · PATENTED



PRGF[®]-Endoret[®]

WHAT IS PLASMA RICH IN GROWTH FACTORS?

RESEARCH

The emergence of regenerative medicine and biological therapy has enabled us to approach medicine with a new biological focus. Based on the same principles, all the research carried out by BTI is aimed at developing safe and efficient solutions for tissue regeneration, coming into fruition

in the pioneering PRGF[®]-Endoret[®] technology (Plasma Rich in Growth Factors). Its efficiency and safety has been confirmed by over 15 years of research, numerous publications and clinical trials, by the recognition of the scientific community, but above all, by the more than half a million patients treated successfully.

OTHER APPLICATIONS

The continuous progress made by BTI's research team in the study, use and formulation of growth factors make it possible to offer new therapeutic solutions in diverse fields of medicine such as dental medicine, traumatology, ophthalmology, clinical and aesthetic dermatology, among others.



BTI Biotechnology research centre in the facilities in Alava Technology Park (Spain).

GUARANTEE AND RELIABILITY

PRGF®-Endoret® is a **unique, patented system that has all the health certifications** necessary at international level, which makes it the safest and highest-quality technique currently on the market.



PIONEERS

PRGF®-Endoret® is the first technique based on obtaining a concentrate of **100% autologous** growth factors (obtained using a small amount of blood from the patient). **It is recognised all over the world and is patented by BTI Biotechnology Institute.**

100% AUTOLOGOUS

It is based on the activation of the patient's own platelets for the stimulation and acceleration of tissue healing and regeneration. **The versatility of this technique means it can be applied to different fields of medicine.**



PRGF®-ENDORET® TECHNOLOGY

a set of proteins present in our blood, responsible for repairing tissues naturally. The use of the PRGF®-Endoret® technology has been a revolution in the field of dental medicine that means we can offer

solutions that are minimally invasive, customised, biosafe and predictable to guarantee the success of the treatment.



Growth factors

They are proteins that are inside the platelets and plasma and are responsible for regenerating and repairing our tissues.



Natural regeneration

The use of the patients' own growth factors results in a natural repair of the damaged tissues.

WHY DOES YOUR DENTIST USE

PRGF[®]-Endoret[®]?



Because its application is very beneficial for you. The use of PRGF[®]-Endoret[®] in dental medicine favours quicker and more predictable healing, reducing **not only the pain but also the risk of infection.**

- Accelerates the healing process
- Reduces inflammation

- Reduces the risk of infection
- Absence of pain

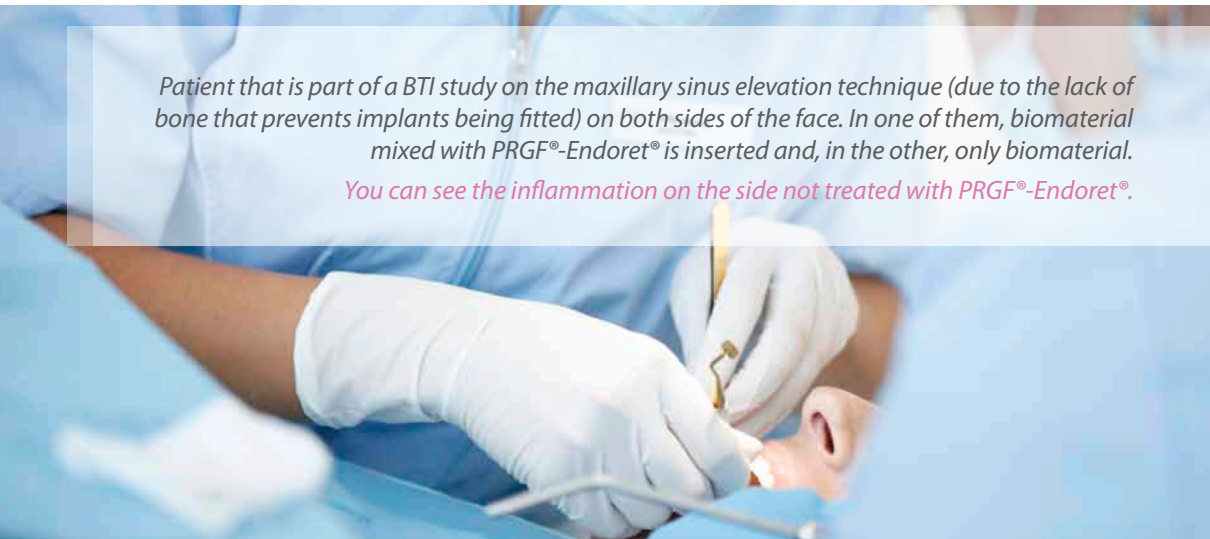
benefits

STUDY WITH PRGF®-ENDORET®



Patient that is part of a BTI study on the maxillary sinus elevation technique (due to the lack of bone that prevents implants being fitted) on both sides of the face. In one of them, biomaterial mixed with PRGF®-Endoret® is inserted and, in the other, only biomaterial.

You can see the inflammation on the side not treated with PRGF®-Endoret®.



My case is complex and painful,

ARE THERE ANY SOLUTIONS?

There are multiple versatile solutions offered by PRGF®-Endoret® technology. As there are different formats (liquid, gel or fibrin membrane), plasma rich in growth factors helps us solving different and complex clinical situations.

As an example, it will be used in its liquid format to wet dental implant surfaces to reduce the osseointegration time and, in gel format to recover bone after a tooth extraction or in a bone defect. It will be also possible to carry out grafts with the bone of the patient himself in order to regenerate its lack avoiding more complex surgeries.

- **Dental extractions**
- **Treatments with implants**

- **Patients with loss of bone**
- **Treatment of periodontal defects**



most common applications



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*"Thanks to the advice from my
dentist to use the PRGF-Endoret
technique I could have implants
where I had no bone"*



Who can apply the

PRGF®-Endoret® TECHNOLOGY?



BTI Biotechnology Institute certifies the use of PRGF®-Endoret® technology in centres that have been duly trained by our best specialists and researchers with the objective of providing them with the necessary knowledge to obtain the best results in its application. For your safety and your health, **avoid imitations.**

Guarantees for the patient

PRGF®-Endoret® technology has been conceived thanks to a series of precise and very rigorous protocols during each stage: **extraction, centrifugation, fractioning, activation and application**. This protocol guarantees the quality of the end product obtained, in optimum conditions. All the elements used by its specialists have been specifically designed by the R&D+i department of Biotechnology Institute (BTI).



HALLMARKS OF QUALITY

All the components of PRGF®-Endoret® Technology have received the **CE certification** from the European health authorities and therefore **PRGF System® is authorised in Europe and America** to obtain plasma growth factors and its application in a number of medical specialities.



Cleared by

FDA

PRGF®-ENDORET® IS BEING USED SUCCESSFULLY IN MORE THAN 20 COUNTRIES ALL OVER THE WORLD.



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