ENDORET® TECHNOLOGY

WHAT IS IT?

ENDORET® is a biomedical technology aimed at stimulating tissue regeneration by applying autologous proteins in such a way that provides the means necessary for the isolation and concentration of the blood proteins involved in tissue regeneration, as well as its suitable application at the injury site.

BTI Biotechnology Institute is a Spanish biomedicine company focused on the development of translational research projects (R&D+i). BTI is a world-level scientific leader in regenerative medicine using ENDORET in different fields of medicine.

ENDORET technology has extensive experience in the development of specific protocols for tissue regeneration, and is a pioneering technology manufactured exclusively by BTI Biotechnology Institute.

MORE THAN 150 INDEXED SCIENTIFIC PUBLICATIONS BACK THE EFFECTIVENESS AND BIOSAFETY OF ENDORET®

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ENDORET® is a biomedical technology aimed at stimulating tissue regeneration by applying autologous proteins in such a way that provides the means necessary for the isolation and concentration of the blood proteins involved in tissue regeneration, as well as its suitable application at the injury site.
GROWTH FACTORS
ENDORET stimulates tissue regeneration due to its content in growth factors, in greater concentrations than those of blood.

FIBRIN MATRIX
Enables the balanced and gradual release of a large number of molecules, including growth factors and other proteins.

ADVANTAGES OF ENDORET® TECHNOLOGY

OPTIMUM CONCENTRATION OF PLATELETS
The right concentration of platelets affects the final efficacy. (1) (2)

FREE FORMULATION OF LEUKOCYTES
The inclusion of leukocytes increases the pain and inflammation (3) and accelerates the deterioration of the fibrin. (4)

CONTROLLED ACTIVATION
Enables the formation of the fibrin matrix in situ and the gradual release of growth factors, maintaining its efficacy over time. (5) (6)

AUTOLOGOUS
Taken from the patient's blood, so there are no side effects. (7)

REPRODUCIBLE
The protocol for the preparation process and its clinical application is strictly defined and tested.

VERSATILE
4 preparations obtained in the same process means we can adapt the product to the patient's clinical needs. (8) (9)
VERSATILITY

The versatility of ENDORET technology enables it to be adapted to different clinical uses.\(^8\)

APPLICATION IN THE MUSCULOSKELETAL SYSTEM

The objective of treatment with plasma rich in growth factors is the regeneration of the affected tissues in lesions in:

- Bones
- Tendons
- Muscles
- Ligaments
- Spine
- Nerves

to accelerate recovery times and achieve patient comfort. \(^{10}\) \(^{11}\) \(^{12}\) \(^{13}\) \(^{14}\) \(^{15}\)

REVIVE THE TISSUE \(^{16}\) \(^{17}\)

- HAEMOSTASIS
- INFLAMMATION
- PROLIFERATION
- REMODELLING

NATURAL WOUND-HEALING PROCESS

(PROCESS ACCELERATED WITH ENDORET TECHNOLOGY\(^\text{®}\))
The application of Endoret technology is a Medicinal Product for Human Use that complies with all the regulations required.
Subsidiaries

**GERMANY**
Mannheimer Str. 17
75170 Pforzheim - Germany
Tel.: +49 (0) 7231 420860
Fax +49 (0) 7231 4208615
info@bti-implant.de

**FRANCE**
6 Avenue Neil Armstrong
Immeuble Le Lindbergh
33692 Mérignac CEDEX - France
Tel.: (+33) 06 45 07 36 78
info@bti-implant.fr

**ITALY**
Piazzale Piola, 1
20131 Milan - Italy
Tel.: (39) 02 7060 5067
Fax: (39) 02 7063 9876
bti.italia@bti-implant.it

**MEXICO**
Ejercicio Nacional Mexicano 351, 3A
Col. Granada Delegación Miguel Hidalgo
Mexico DF - CP 11520 - Mexico
Tel.: (52) 55 52509264
Fax: (52) 55 55319327
bti.mexico@bti-implant.com

**UK**
1730 Walton Road
Suite 110
Blue Bell, PA 19422-1802 - USA
Tel.: (1) 215 646 4067
Fax: (1) 215 646 4066
info@bti-implant.us

**USA**
35190 Nort Hollywood, CA 91605 - USA
Tel.: (818) 762-0101
Fax: (818) 762-0102
info@bti-implant.co.uk

**PORTUGAL**
Praca Mouzinho de Albuquerque, 113, 5º
4100-359 Porto - Portugal
Tel.: (351) 22 120 1373
Fax: (351) 22 120 1311
bti.portugal@bticomercial.com

**GERMANY**
BTI Commercial
San Antonio, 15 - 5º
01005 Wiesbaden-Gasteiz
(Alava) - SPAIN
Tel.: +34 945 140 024
Fax +34 945 133 203
pedidos@bticomercial.com

**I.B.I. Biotechnology Institute S.L.**
Parque Tecnológico de Alava
Leonardo da Vinci, 14
01510 Mirano (Alava) Spain
bti.implantes@bti-implant.es

**ENDORET® (PRGF®)**
BTI APP
iPhone/smartphone version
iPad/tablet version (exclusive content for clients)

Scientific studies: