

UBGEN[®] GFONE[®] PLUS BLOOD PHASE SEPARATOR



GFONE[®] PLUS

The first class IIa certified blood phase separator for the preparation of platelet concentrates

- Complete with kit with vials for the preparation of blood components, such as PRP, PRF, APG starting from the patient's autologous blood
- Specifically designed for bone surgery in dentistry
- Certified class IIa medical device

1. CHARACTERISTICS

Scientific literature agrees in promoting the use of platelet-derived factors for numerous clinical applications and several biochemical studies that have demonstrated the ability of platelet concentrates to stimulate various cell lines.

In fact, through the release of growth factors, platelets act as metabolic inducers, promoting the regeneration of injured tissues, significantly accelerating wound healing and stimulating osteogenesis and vasculogenesis.

These components are widely used in regenerative practice and are the ideal booster to be associated with UBGEN[®] biomaterials.

2. BENEFITS

VERSATILITY

A single device for multiple uses and applications.

SIMPLICITY OF USE

Medical device that are easy to install and use.

ACCELERATE REGENERATIVE PROCESSES

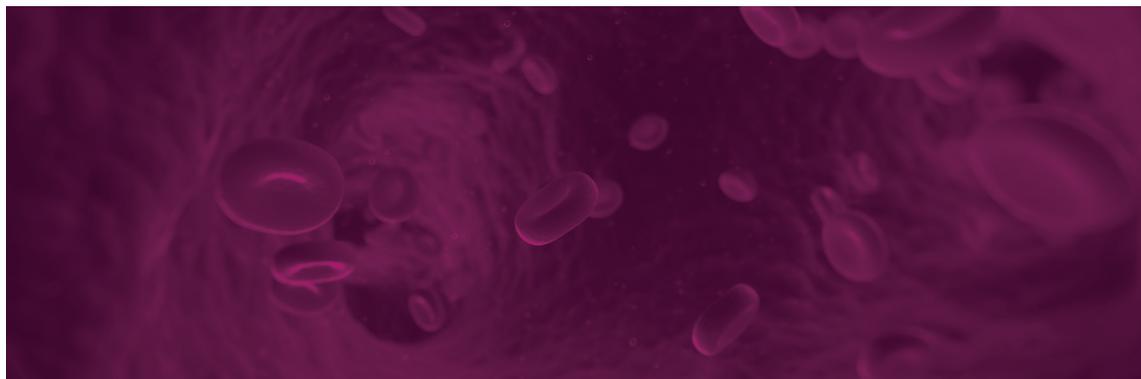
It provides osteoinductive ability to the biomaterials used, ensuring predictable results within a short time.



Regenerative medicine

CHARACTERISTICS	BENEFITS
IT IS an autologous product	No risk of side effects for the patient
Different forms may be used (liquid, gel or with biomaterials)	IT IS adaptable to the type of surgical procedure
Stimulates bioreparative and regenerative processes	Reduces post-operative recovery time
Promotes the formation of a clot	Speeds up wound healing
IT IS fully resorbable	Prevents post-operative complications

GROWTH FACTORS	EXPECTED EFFECT
PDGF Platelet Derived Growth Factor	Chemotactic for fibroblasts and macrophages, mitogen for fibroblasts, smooth muscle cells, endothelial cells
TGF-1/2 Transforming Growth Factor	Angiogenesis mediator, chemotactic for fibroblasts, keratinocytes and macrophages.
VEGF Vascular Endothelial Growth Factor	Chemotactic and mitogen for endothelial cells, mediator for angiogenesis.
EGF Epidermal Growth Factor	Mitogen for fibroblasts, endothelial cells, keratinocytes, angiogenesis mediator
FGF Fibroblast Growth Factor	Tissue regeneration mediator.



GFONE® PLUS WHY CHOOSE IT?

**The use of platelet concentrates
reduces post-operative discomfort
and increases patient satisfaction.**

For benefits in terms of predictability of results deriving from a single, complete solution dedicated to the dental sector, designed to simplify the procedure for using and certifying the method.

Considering the significant bureaucracy that regulates the use of blood separators, UBGEN® helps the dental practice obtain the necessary agreements and supports it with technical and practical training.

Viale del Lavoro, 14
35010 Vigonza (PD) Italy
T +39 049 628630
info@ubgen.com
ubgen.com

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