The L-PRF Intra-Spin™ System is the only FDA Cleared & CE Marked Certified Medical Device Class 2 for the Production of L-PRF

Autogenous combination of Platelet Rich Fibrin without additives

Protects wounds via its physical strength

Fibrin network rich in platelet & leukocyte growth factors

Powerfull angiogenesis growth promoter

Anti-inflammatory & Anti-infectious effects

Produce rapid healing during at least 7 days after placements and beyond when prepared by the Intra-lock Intra-Spin™ L-PRF centrifuge

Promotes soft & hard tissue proliferation
L-PRF is a 3-D autogenous combination of Platelet Rich Fibrin derived from the patient’s blood. A simplified chairside procedure results in the production of a thin, compressed layer of platelet rich fibrin that is strong, pliable and suitable for suturing.

This natural fibrin network is rich in platelets, growth factors and cytokines that are derived from the blood platelets and leukocytes. The presence of these proteins have been reported to produce rapid healing, especially during the critical first seven days after placement. This network promotes more efficient cell migrations and proliferation without chemical or bovine thrombin additives.

- Leukocytes, Platelets & Fibrin
- Simple and economic
- Natural & 100% autologous
- Thin fibrin matrix & plugs
- Slow release at -> 7 days
- Matrix for Bone Graft Material
- Stable at room T° for several hours

Clinically, Leukocyte-Platelet Rich Fibrin displays excellent working properties. This Bio-Material is resilient, strong and pliable and easy to manipulate. It can be cut to size, and is supple enough to adapt to many anatomical areas. It is adhesive in nature and very receptive to suturing.

L-PRF APPLICATIONS in Dental/Oral and Maxillofacial Surgical Sites:
Including not limited to:

- Bone Defects
- Extraction Sockets
- Sinus and dental ridge augmentation
- Palatal defects
- Maxillary bone atrophy
- MRONJ
- Soft Tissue Regeneration
- Wound Healing
- Chronic Ulcer Wounds

Preparation of L-PRF with the IntraSpin System

The IntraSpin System is intended to be used for the safe and rapid preparation of autologous Leukocyte Platelet Rich Fibrin from a small sample of blood taken at the patient’s point of care. L-PRF can be mixed with autograft and/or allograft prior to application to a bony defect for improving handling characteristics. It requires only one centrifugation without pipetting, mixing, heating or additives.

Two different blood tubes are available: the L-PRF red blood collection tubes for the preparation of the L-PRF membrane and the L-PRF white blood tubes for the preparation of L-PRF Liquid Fibrinogen.

Mixing the L-PRF membrane with autograft and/or Bio Material (e.g. Bioteck Bio-Gen Bone graft material) and with the L-PRF Liquid Fibrinogen you can prepare an L-PRF Block. (more info www.allmedics.eu)

IntraSpin System components have been FDA cleared and optimized to ensure proper material biocompatibility and clinical performance.

The Intra-Lock IntraSpin System establishes a 3-step procedure with the IntraSpin Xpression Fabrication Kit:

1. Draw blood
2. Spin blood
3. Express the clot

Figure A shows the tube (a) after centrifugation (with a separation between PPP (better called supernatant or serum), platelet poor plasma, the L-PRF cloth, and the red blood cells. After gentle compression, a strong membrane is obtained.

Guidelines for the use of L-PRF - Step by Step Approach available at www.allmedics.eu

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2: Catholic University of Leuven / University Hospitals Leuven, Department of Oral Health Sciences, Periodontology, Leuven, Belgium
The Intra-Spin™ System includes the IntraSpin™ Centrifuge, the Blood Collection Material Kit and the Xpression™ Fabrication Kit. It is available with either one or two Xpression™ fabrication Kits.

Blood Collection Material

The Blood Sample Collection Set and materials have been selected for proper biocompatibility, collection and maintenance of the blood sample.

<table>
<thead>
<tr>
<th>Ref. nr</th>
<th>Product description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BVBC21G</td>
<td>Greiner Bio One Safety Blood Collection Set + Holder, Butterfly Needles 21G</td>
<td>24pcs</td>
</tr>
<tr>
<td>WCT_1B</td>
<td>IntraSpin White Blood Collection Tubes</td>
<td>50pcs</td>
</tr>
<tr>
<td>WCT_50</td>
<td>IntraSpin White Blood Collection Tubes in Individual Sterile Packaging</td>
<td>100pcs</td>
</tr>
<tr>
<td>BVBC21G</td>
<td>Greiner Bio One Safety Blood Collection Set + Holder, Butterfly Needles 21G</td>
<td>24pcs</td>
</tr>
<tr>
<td>BTTRK</td>
<td>Tissue Regeneration Kit (Includes Items Below)</td>
<td></td>
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<tr>
<td>BDBCTP2_50</td>
<td>IntraSpin Red Blood Collection Tubes</td>
<td>50pcs</td>
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<tr>
<td>BDBCTP2_1B</td>
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<td>100pcs</td>
</tr>
</tbody>
</table>

Intra-Spin™ System Single, 220 volts (includes Centrifuge, BDTRK, BVBC21G & BTLF)

Intra-Spin™ System Dual, 220 volts (includes Centrifuge, 2 BDTRK, BVBC21G & BTLF)

The Intra-Spin™ (IS220) Centrifuge has a specific configuration and set of dynamic parameters. It has been calibrated and tested to ensure of separation of the blood into proper segments and consistencies for Platelet Rich Fibrin.

The Tissue Regeneration Kit includes the Xpression™ Box which is engineered to optimize the final step in the fabrication of Platelet Rich Fibrin. The weighted press is designed to express serum from the fibrin clot in a controlled manner and to form thin compressed layer of Platelet Rich Fibrin of a consistent thickness. A piston and cylinder assembly is used for the creation of Platelet Rich Fibrin plugs. The kit and instrumentation is also designed to aid incorporating graft material within the Platelet Rich Fibrin matrix.

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<tr>
<td>BDTRK</td>
<td>Tissue Regeneration Kit</td>
</tr>
<tr>
<td>CTR</td>
<td>Xpression™ Box</td>
</tr>
<tr>
<td>BSTF</td>
<td>Surgical Tissue Forceps</td>
</tr>
<tr>
<td>BSCS</td>
<td>Surgical Curved Scissors</td>
</tr>
<tr>
<td>BRSSMT</td>
<td>Round Stainless Steel Bowl</td>
</tr>
<tr>
<td>BSSSMT</td>
<td>Rectangular Stainless Steel Bowl</td>
</tr>
<tr>
<td>BDBC</td>
<td>Dual Biomaterial Carrier Spatula</td>
</tr>
<tr>
<td>BBMP</td>
<td>Dual Biomaterial Packer</td>
</tr>
<tr>
<td>BTTRA</td>
<td>Test Tube Rack</td>
</tr>
</tbody>
</table>

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Intra-Spin™ System Dual, 220 volts (includes Centrifuge, 2 BDTRK, BVBC21G & BTLF)
References


Ustomed specializes in instruments for dental, oral and maxillofacial surgeons. The company designs and develops dental instruments for dentists working in the fields of surgery, implant dentistry, periodontics, osteosynthesis, augmentation and endodontics.

Bioteck specializes in bone substitutes and protective membranes that are successfully used in orthopaedics, neurosurgery, oral and maxillofacial surgery.

Bioteck Bone Substitutes are obtained from Equine bone tissue treated with Zymo-Teck*

- Total Biocompatibility
- Ideal Osteoconduction
- Complete Remodeling

Available in Bio-Gen Granules, Gel Granules Putty, Collagen Membranes, Heart Pericardium Membranes, Cortical Membranes, Cancellous or Cortical Flex Sheets, DBM, Cancellous Blocks,...

**Bioteck Bone Graft Material & Membranes**

Ustomed Titan-Pin-Set

For Membrane Fixation

During the application of modern GBR and GTR techniques, barrier membranes are indispensable to achieve predictable and reliable results. By fixation of the barrier membrane to the local bone, the application of the particulate bone regeneration material as well as the coverage of the augmentation site by the barrier membrane can be significantly simplified. Using the one-piece applicator, titan pins can easily be taken up from the dispenser and applied to the fixation site.

68-780-018 Titan-Pin-Set consisting of: Box, Applicator, 10 Titan Pins 3mm
68-620-003 Titan-Pins, 3mm, 10pcs
67-660-150 Mallet, lead filled, 16.5cm, 150gr
References


MORE REFERENCES WWW.ALLMEDICS.EU