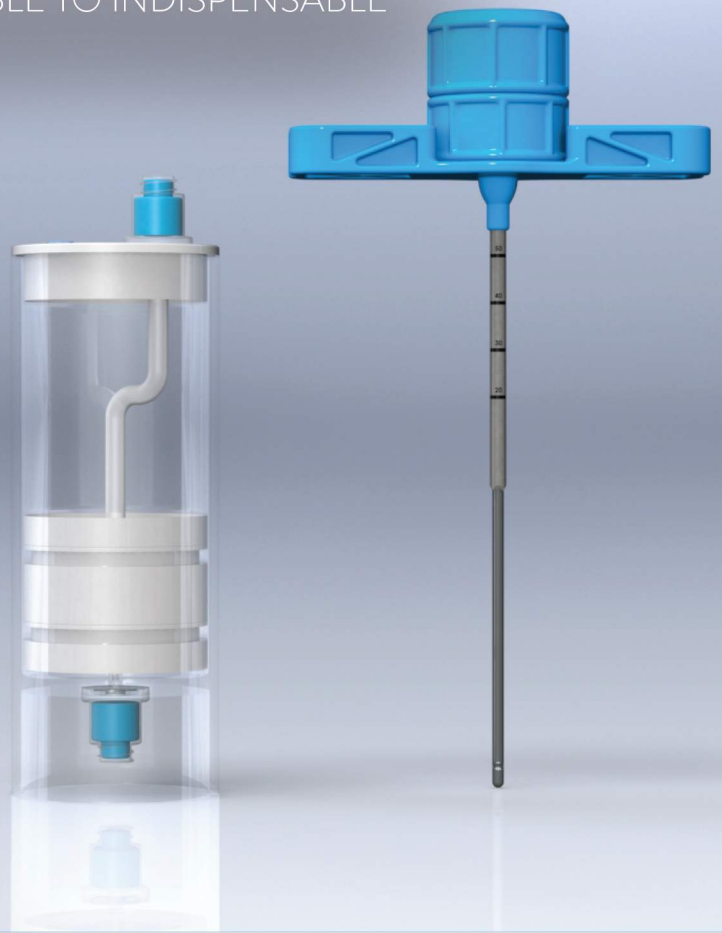




FROM IMPOSSIBLE TO INDISPENSABLE



Leading the way in  
therapeutic autologous biologics

PUBLISHED - INDEPENDENTLY REVIEWED - PROVEN



## PurePRP<sup>®</sup> SupraPhysiologic Concentrating System

PurePRP<sup>®</sup> now stands alone, producing supraphysiologic levels of platelets and growth factors, in a single GenesisCS Concentrating Device. Innovation has made the impossible, the indispensable, permitting the most advanced platelet rich plasma concentrating system to be even more efficient and user friendly. Simplify the procedure and improve the power of PurePRP<sup>®</sup> with less steps and enhanced technology.

## PurePRP<sup>®</sup> is SupraPhysiologic PRP

The PurePRP<sup>®</sup> SupraPhysiologic Concentrating System is the ONLY point of care platelet concentrating system that can produce 7 to 9 times platelet concentration in a 7mL prp sample that's devoid of red blood cells. This is greater and more potent than would occur naturally in whole blood or other PRP systems. This uniquely classifies it as SupraPhysiologic PRP. The system has captured the essential requirements needed to exceed the clinical requisite for deliverable platelets. It provides upwards of 9.5 billion platelets in an 7mL treatment sample. High volumes of deliverable platelets enhances the volumetric activity needed for active tissue repair. Platelet alpha granules contain growth factors that promote regeneration through cell proliferation, chemotaxis, differentiation, and angiogenesis. It has been determined that a deliverable platelet count of 1 to 3 million platelets per microliter is required for clinical efficacy [1].

## PurePRP<sup>®</sup> is YourPRP

The PurePRP<sup>®</sup> Supraphysiologic Concentrating System is the most versatile PRP system anywhere. With its unique design and functionality it can accomplish a variety of PRP formulations to meet every clinical requirement. The following formulations are easily attained in a single PurePRP<sup>®</sup> SupraPhysiologic Concentrating Device.

1. PurePRP<sup>®</sup> (neutrophil poor)
2. PurePRP<sup>®</sup> (neutrophil rich)
3. Traditional PRP
4. NO BURN PurePRP<sup>®</sup> (neutrophil poor)
5. NO BURN PurePRP<sup>®</sup> (neutrophil rich)

With this system you can forget about limitations and focus on providing your patients with the best clinical experience and opportunity for recovery.

### REFERENCES

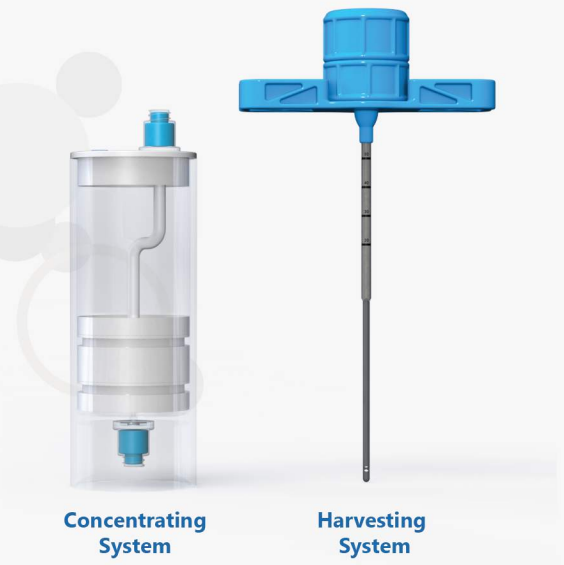
1. Platelet Concentration in Platelet-Rich Plasma Affects Tenocyte Behavior In Vitro  
Ilaria Giusti,<sup>1</sup> Sandra D'Ascenzo,<sup>1</sup> Annalisa Mancò,<sup>2</sup> Gabriella Di Stefano,<sup>1</sup> Marianna Di Francesco,<sup>1</sup> Anna Rughetti,<sup>3</sup> Antonella Dal Mas,<sup>4</sup> Gianfranco Properzi,<sup>1</sup> Vittorio Calvisi,<sup>1,2</sup> and Vincenza Doloi<sup>1</sup>



*Harvesting & Concentrating is Better Together*

## PureBMC<sup>®</sup> SupraPhysiologic Concentrating System

PureBMC<sup>®</sup> is now processed in a single GenesisCS Concentrating Device, producing suprphysiologic levels of progenitor stem cells consisting of hematopoietic stem cells, mesenchymal stem cells and total nucleated cells. The complexity of processing has been eliminated and the power of the PureBMC<sup>®</sup> biologic has been amplified. PureBMC<sup>®</sup> currently leads all point of care bone marrow concentrating systems in performance outcomes, and now go further with suprphysiologic procurement and quiescent cell collection, now achieved with the ASPIRE<sup>™</sup> Bone Marrow Harvesting System.



## ASPIRE<sup>™</sup> Bone Marrow Harvesting System

The ASPIRE<sup>™</sup> Bone Marrow Harvesting System is highly innovative. It contains minimally invasive instrumentation that collects purified bone marrow aspirate at the point of care. The aspirate derived from this system is especially high in progenitor stem cells due to its unique structure and aspirating technique. The system is designed to gently penetrate the trabecular bone, maintaining a quiescent tissue environment during deployment and collection. This leads to a significant reduction in tissue activation, free hemoglobin content and clotting. The system provides a better bone marrow aspirate sample for processing, ultimately leading to bone marrow concentrate that's suprphysiologic in regenerative progenitor stem cells.

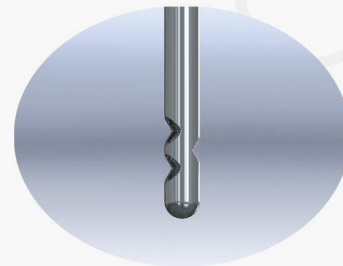
## ASPIRE<sup>™</sup> Bone Marrow Needle Architecture



Ergonomic and lightweight handle for even application of pressure during deployment.



Razor-sharp triple crown bevel tip for minimally invasive coring of the cortical bone.



Specially designed fenestrated blunt tip aspirating cannula for purified sample collection.



**PRODUCT SPECIFICATIONS:**

Product number	Description	Package Quantity
<b>Kit Disposables</b>		
GS30-PURE-SP	PurePRP® SupraPhysiologic Concentrating System 30mL	20/case
GS60-PURE-SP	PurePRP® SupraPhysiologic Concentrating System 60mL	20/case
GS120-PURE-SP	PurePRP® SupraPhysiologic Concentrating System 120mL	16/case
<b>Accessories</b>		
BC30-PURE-SP	PureBMC® SupraPhysiologic Concentrating System 30mL	20/case
BC60-PURE-SP	PureBMC® SupraPhysiologic Concentrating System 60mL	20/case
BC120-PURE-SP	PureBMC® SupraPhysiologic Concentrating System 120mL	16/case
BMH-01	ASPIRE™ Bone Marrow Harvesting System	1/each
<b>Accessories</b>		
QDS11-1	QuickDRAW Delivery System Malleable Spray	24/case
QDS11-2	QuickDRAW Delivery System Dual Spray	24/case
<b>Synthetic Bone Strips</b>		
BF2-50x10-05	Synthetic Granules in Collagen Matrix (HA-TCP) 5cc	5cc – 2 strips
BF1-100x25-15	Synthetic Granules in Collagen Matrix (HA-TCP) 10cc	10cc – 1 strip
<b>Equipment</b>		
GS-022624340	Executive Series Centrifuge II	1/each
EU-162063611	Euro Series Centrifuge	1/each

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.  
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**FDA Indication For Use Statements:**

The GenesisCS Component Concentrating System is designed to be used for the safe and rapid preparation of autologous platelet rich plasma (PRP) from a small sample of blood at the patient's point of care. The PRP can be mixed with autograft and allograft bone prior to application to an orthopedic surgical site as deemed necessary by the clinical use requirements.

The GenesisCS Component Concentrating System is intended to be used in a clinical laboratory or intraoperatively at the point of care for the safe and rapid preparation of platelet poor plasma and platelet concentrate from a small sample of blood and for a preparation of a cell concentrate from bone marrow. The safety and effectiveness of this device for in vivo indications for use has not been established.

The SECOUIRE cell separator is designed for the safe and effective preparation of low volume platelet rich plasma, and platelet poor plasma at the point of care.

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