

Cellenis® PRP

The Cellenis® PRP system utilizes a patented separator gel technology to isolate the platelets while eliminating the undesirable components such as red blood cells and inflammatory white blood cells.

Following the Cellenis® PRP treatment, growth factors released by the platelets stimulate the growth of new blood vessels and promote more collagen growth, thickening the epidermis and improving the skin's texture and tone.

With a simple, fast and efficient process, your PRP professional is able to derive a high concentration of biological nutrient-rich cells and create autologous platelet-rich plasma.

Cellenis® PRP Kit



Growth Factors Production Known Effects:

- Platelet Derived Growth Factor (PDGF)**
Stimulates cell growth, fosters new blood vessel formation, and supports tissue repair for improved structural integrity.
- Transforming Growth Factor (TGF-β)**
Regulates healing, balances inflammation, and aids in collagen production, crucial for skin healing.
- Vascular Endothelial Growth Factor (VEGF)**
Coordinates the creation of new blood vessels, ensuring tissues receive essential nourishment and speedier recovery.
- Epidermal Growth Factor (EGF)**
Facilitates skin cell rejuvenation, strengthens the skin's protective barrier, and promotes hair follicle health.
- Fibroblast Growth Factor (FGF)**
Boosts cell proliferation and migration, accelerating tissue repair and aiding in hair regrowth.
- Collagen Stimulating Growth Factor (CGF)**
Enhances collagen synthesis, improving skin elasticity and fortifying hair follicles.
- Keratinocytes Growth Factor (KGF)**
Maintains skin barrier function, promotes wound healing, and supports robust hair follicle growth.

What's in the syringe matters



Optimal platelet concentration for best results



Virtually ~ 100% removal of catabolic red blood cells

Cellenis® PRP Advantages

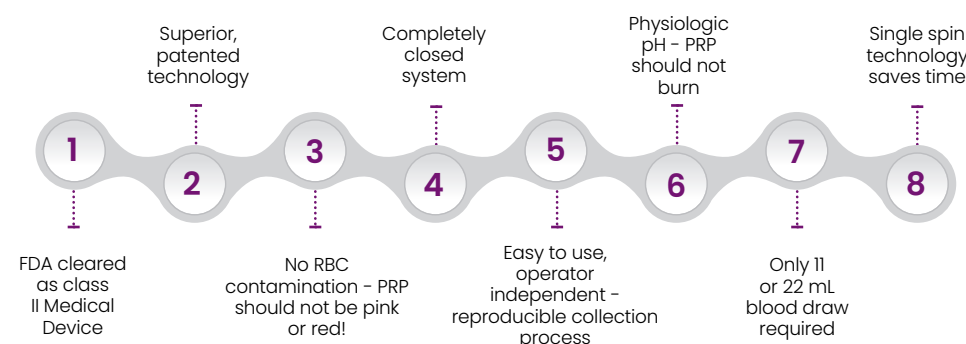
- Simple:** Fewer steps than other PRP kits
- Excellence:** Optimal platelet recovery 80% (±10%)
- Fast:** Centrifuge with a single spin in few minutes
- Patient Friendly:** small volume of blood required
- Excellent Value:** High volume PRP, lower cost per ml.
~ 6mL PRP per 11ml tube
~ 13mL PRP per 22ml tube
- Consistent Platelet Concentration:** Allowing for predictable performance.



RESTORE
RETAIN
RESULTS!



Why Cellenis® PRP?



Platelet poor plasma

Platelets & Monocytes

Separator Gel

RBC & Neutrophils

Cellenis® PRP

Vacuum Sealed, Internally Coated Glass Tube

- Prevent platelets from "sticking" to tube walls.

Proprietary Anti-coagulant modified to

- Reduce acidity, preventing impaired platelet metabolism.
- Improve patient comfort.

Patented Separator Gel designed to

- Recover of platelets 80% (±10%) above
- Remove 99.9% of RBC.
- Remove 92-96% of Neutrophils.



Cell Count & Growth Factor Statistics

	Cellenis® PRP 11ml	
	PRP yield (ml)	6
	Platelet Concentration fold *	1.8x* – 5x
	RBC (10 ⁶ /ul)	<0.1
	WBC recovery (up to %)	25
	Neutrophils removal (%)	92–96
	Mononuclear cells %	>86.2
	PDGF (pg/ml)	2048
	Cellenis® PRP 22ml	
	PRP yield (ml)	13
	Platelet Concentration fold **	1.8x – 5x**
	RBC (10 ⁶ /ul)	<0.1
	WBC recovery (up to %)	25
	Neutrophils removal (%)	92–96
	Mononuclear cells %	>86.2
	PDGF (pg/ml)	2048
	VEGF (pg/ml)	220
	EGF (pg/ml)	269

*An average of several independent, validated tests using the collection method outlined in this guide for the 11mL Cellenis PRP tube without the removal of PPP.

**STD DEV. Mean concentration using 22ml tube, removing 6-7ml of platelet poor plasma (PPP) in patients with whole blood platelet counts ranging from 169,000 to 356,000 per microliter.



Three treatments One month apart



Submental injection of Cellenis® PRP 3 months after 1 Tx



Five sessions one month apart | Six months post first treatment



Cellenis® PRP 2 Months Post 1 Tx



Regulatory Status

(i) CE certified Class IIb; (ii)FDA cleared 510(k) Class II medical device: Cellenis PRP is intended for the safe and rapid preparation of autologous platelet-rich plasma (PRP) from a small sample of blood at the patient point of care. The PRP is mixed with autograft or allograft bone prior to application to a bony defect for improving handling characteristics.510(k) number: BK110035

Disclaimer The suggested protocol above is an adaptation/optimization of a technique described in clinical trials and scientific literature by performing it with Estar Technologies Ltd.'s PRP devices. Anyone who applies it in a framework of a clinical procedure is free and self-determined to decide the manner of performing such treatment according to her/his knowledge and professional criteria, whether to put it into practice in the exercise of his/her profession. Estar Technologies Ltd. makes no representations or warranties and expressly disclaims any and all liability concerning any treatment or any action following the information offered or provided within this marketing brochure.



Revive Your Natural Beauty