



PRODUCT CATALOGUE



"With every advance in stem cell research, we bring new hope to patients and their families, showing that the future of medicine is not just about treating disease, but about restoring life."

- Late. Prof. Arnold Caplan, PhD

"Every innovation in regenerative medicine is a step towards a world where the body can heal itself and where illness is no longer a life sentence."

- Anthony Atala, MD



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Orthobiologics



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Orthobiologics



Product Overview

It is a blood collection container used for selective extraction of enriched Platelet Rich Plasma (PRP) for advanced joint pain relief and tissue regenerative treatments.

What makes it unique?



Achieves platelet counts **7-10 times above baseline**^{4,5}



Adapted for **25ml blood volume**

Key Features



Vortex method separation



Scientifically validated^{1,3}



0% Risk of contamination



US patented technology



Minimizes loss of platelets



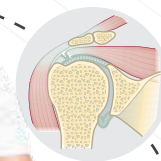
High cellular yield

Potential Indications

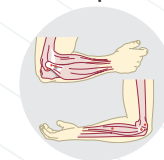
Carpal Tunnel Syndrome



Achilles Tendinitis



Rotator Cuff Tears

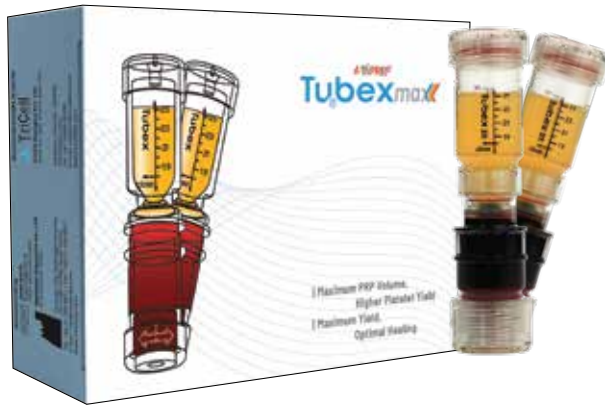


Lateral & Medial Epicondylitis

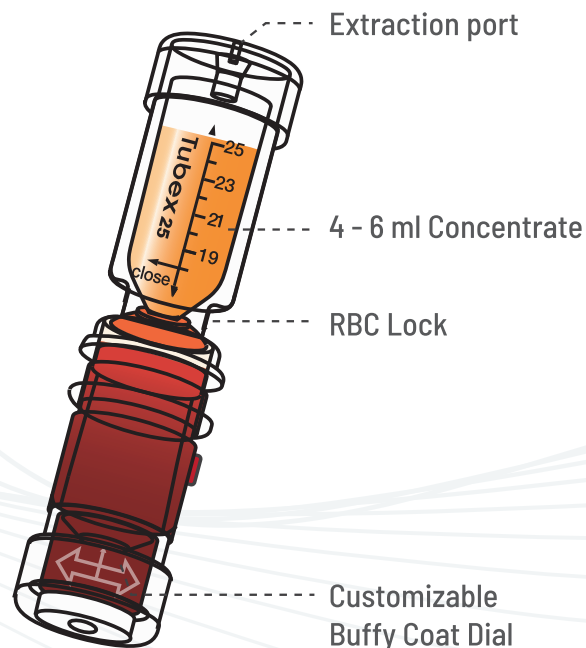


Plantar Fasciitis





Key Features



Product Overview

It is designed to process larger volume (50 ml) of blood providing enhanced platelet concentration in PRP for advanced joint and wound healing treatments.

What makes it unique?



Achieves **ultra high PRP yield**



Adapted for **larger blood volumes**



Achieves platelet counts **7-10 times above baseline**^{4,5}

Potential Indications

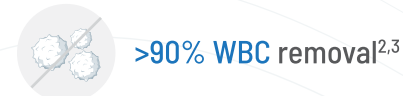




Product Overview

It is a unique product that combines the benefits of our Tubex® PRP/Cell Concentration and state-of-art proprietary cellular filtration system for selective extraction of high concentrate Leukocyte Poor Platelet Rich Plasma (LP-PRP).

What makes it unique?



Key Features



Enhanced pain relief



Clinically tested



Enhanced tissue regeneration^{2,3}



Scientifically validated



Minimized pro-inflammatory WBC^{2,3}

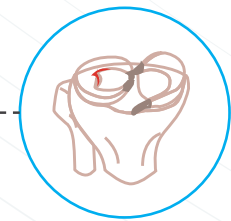
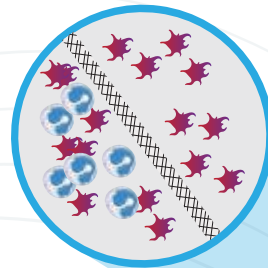


Reduced inflammatory cytokine release^{2,3}

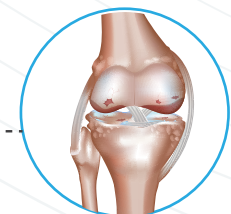


Reduced swelling and inflammation^{2,3}

Potential Indications



Meniscus tears



Osteoarthritis



Product Overview

It is a 50ml bilateral knee PRP kit that delivers higher concentrate of leucocyte poor-platelet rich plasma (LP-PRP) utilizing patented nanofiber filters. It effectively reduces white blood cells, ensuring optimal platelet concentration for targeted knee OA pain.

What makes it unique?



Achieves **ultra high LP-PRP yield**^{4,5}



Adapted for **larger blood volumes**



Achieves platelet counts **7-10 times above baseline**^{4,5}

Key Features



Stimulates faster healing and tissue repair^{4,5}



0% Risk of contamination



100% Customizable



Reduced swelling and inflammation^{4,5}



Reduced serum inflammatory cytokines

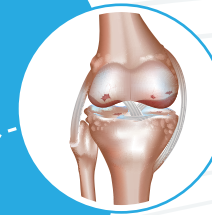


Enhanced cellular modulation^{4,5}

Potential Indications

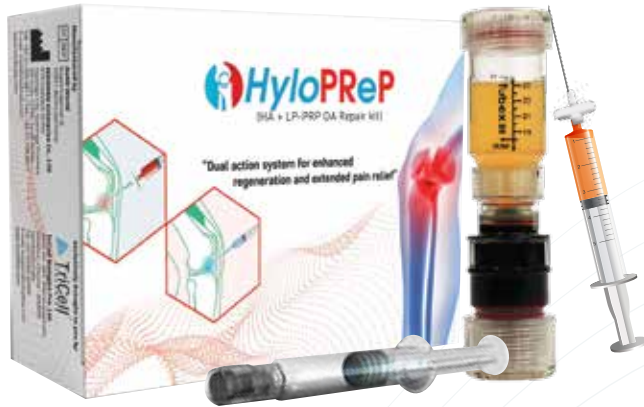


Meniscus tears



Osteoarthritis





Product Overview

It is "first-of-its-kind" combination therapy that integrates the regenerative potential of Leukocyte Poor-PRP (LP-PRP) and lubrication abilities of Hyaluronic Acid (HA) for targeted OA repair. HA + LP-PRP heals tissue without excessive inflammation or swelling

What makes it unique?



Versatile **one-step OA repair**



Effectively **lubricates & preserves joints**^{6,7}



Synergistic **lubricative regeneration technology**

Key Features



LP-PRP promotes synovial cell proliferation & differentiation^{6,7}



LP-PRP regulates repair mechanisms and reverses the catabolic environment^{6,7}



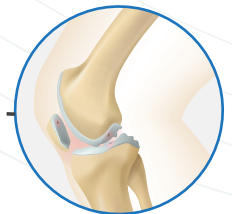
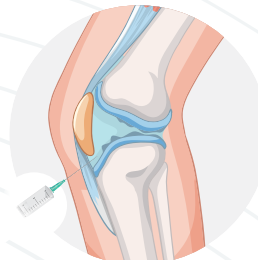
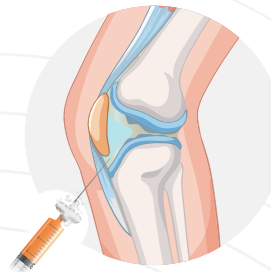
HA provides viscoelasticity and lubrication to synovial fluid^{6,7}



HA provides mechanical and functional support to joints^{6,7}

Dual action system for enhanced regeneration and extended pain relief

Potential Indications



Knee Osteoarthritis



Product Overview

It is a premium single intra-articular viscosupplement injection indicated for the treatment of pain in osteoarthritis (OA) of the knee in patients who have failed to respond adequately to conservative non - pharmacologic therapy and analgesics.

What makes it unique?



HA helps **remove harmful free radicals**^{8,9}



HA rebuilds the **joint's protective hyaluronic acid layer**^{8,9}



HA boosts **synovial fluid viscosity, improving lubrication and shock absorption**^{8,9}

Key Features



High intrinsic viscosity



High molecular weight



100% Biocompatible



Preservative-free



Pain relief upto 6 to 12 months^{8,9}



Long-acting lubrication^{8,9}



Non-animal origin

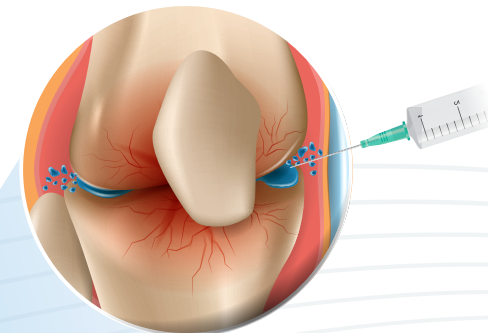


Bioburden free

Potential Indications

“AVAILABLE NOW IN 2 STRENGTHS”

ViscoHeal™	ViscoHeal ⁺
1% w/v	1.5% w/v
Non-Cross-Linked	Cross-Linked
10mg/1ml (6ml)	15mg/1ml (4ml)



Knee Osteoarthritis



Product Overview

Bone Marrow Aspirate drawn from iliac crest is processed with our TriPREP® Tubex® BMC kit and serves as an excellent source of multipotent cells & anti-inflammatory substances^{10,11}.

What makes it unique?



Permits 25-50 ml bone marrow concentrate



4-5x times increased cell load from baseline^{10,11}



Process 4-8 ml of cellular concentrate

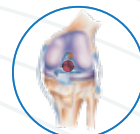
Potential Indications

Experience purity in every drop

upto 100% bone & fat debris removal

How does it help the regenerative process?

- ▶ Concentrated stem cell load accelerates the healing potential^{10,11,16}
- ▶ Endothelial progenitor cells stimulate neoangiogenesis^{10,11}
- ▶ Recruit bone marrow progenitor cells to focus of injury^{10,11}
- ▶ Mediates cellular migration and wound healing^{10,11}
- ▶ Mediates cell to cell adhesion^{10,11}



ACL tears



Non-Union



Avascular necrosis



Osteochondral lesions



Product Overview

Our ultrasound-based technology rapidly isolates stromal vascular fraction (SVF) from adipose tissue without enzymes. This innovative approach streamlines the separation of regenerative and anti-inflammatory cells, providing a faster and more efficient method for tissue repair at the point of care^{12,13}.

What makes it unique?



Easy to process



Enzyme free



Excellent cell viability^{12,13}

Key Features



Quick and easy



180° ultrasonic rocking mechanism



Automated process

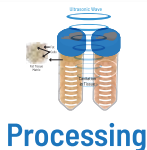


Closed and sterile processing unit

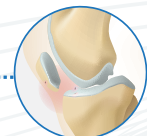


Simple and convenient model

Potential Indications



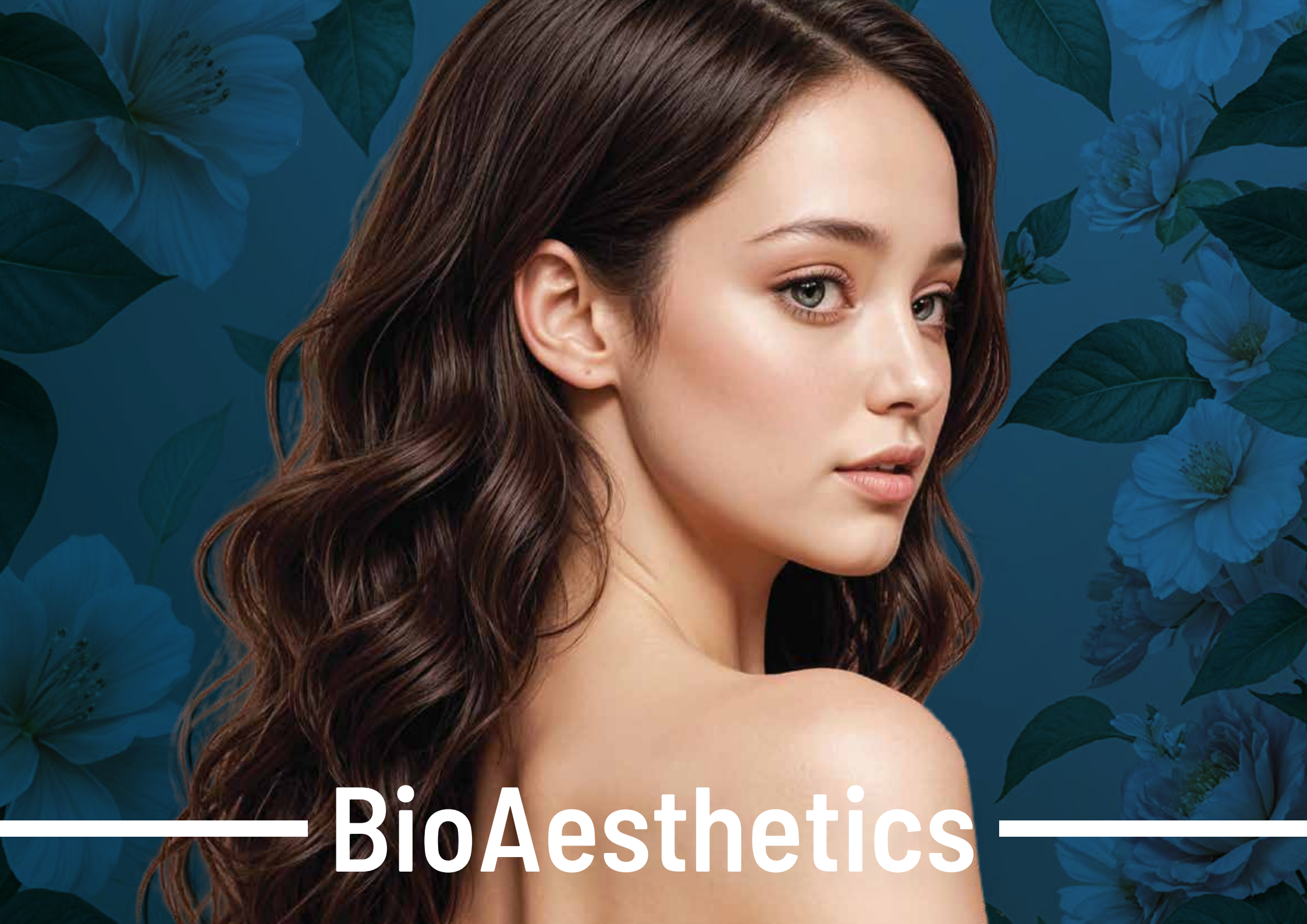
Avascular necrosis¹³



Knee osteoarthritis¹²



Diabetic foot ulcers



BioAesthetics



Product Overview

It is our new price friendly pocket size PRP kit that is designed for selective extraction of high concentrate Platelet Rich Plasma (PRP)/Concentrated Growth Factors (CGF) for skin and hair regenerative treatments.

What makes it unique?



Compact



Cost effective



Certified

Potential Indications



Hair loss



Dark circles



Acne scar



Anti aging

Key Features

- ✓ Customizable PRP volume control
- ✓ In-built RBC locking feature
- ✓ Vortex based system
- ✓ 3-4x higher platelets than baseline
- ✓ 100% sterile & closed system
- ✓ 0% platelet/growth factor loss¹⁶
- ✓ Certified for reinfusion



Product Overview

It is a premium kit customized for enhanced skin and hair care. It is certified to deliver ultra high concentration of platelet in 5-6ml PRP.

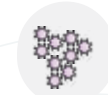
What makes it unique?



Customized PRP Volume



US Patented Technology



Achieves platelet counts 7-10 times above baseline^{4, 5, 16}



Design Your Own Treatment Protocol!!

Our unique vortex spin method allows physicians to customize protocols as per their needs.



Concentrated Growth Factors (CGF)



Platelets Rich Growth Fibrin (PRGF)



Platelet Enhanced (PRP)

Potential Indications



Hair loss



Dark circles



Acne scar



Anti aging





Product Overview

Our ultrasound-based technology rapidly isolates stromal vascular fraction (SVF) from adipose tissue without enzymes. This innovative approach streamlines the separation of regenerative and anti-inflammatory cells, providing a faster and more efficient method for tissue repair at the point of care^{14,15}.

What makes it unique?



Easy to **process**



Enzyme **free**

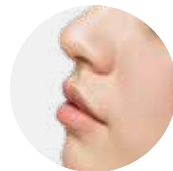


Excellent **cell viability**

Key Features

- ✓ Portable bench-top model
- ✓ Automated Sample Volumes
- ✓ Compact point-of-care process
- ✓ Real-time processing and output
- ✓ Ultrasonic processing with 180° Rocking
- ✓ Maximizes tissue softening and distribution
- ✓ Closed design preventing cross-contamination

Potential Indications



Lip augmentation



Burn wounds



Hair restoration



Facial filling



Scar revision



Breast reconstruction

What is SVF?

Stromal Vascular Fraction (SVF) is a diverse mix of cells including mesenchymal stem cells, immune cells, and endothelial cells known for its regenerative and angiogenic properties. SVF aids in tissue repair and wound healing^{14,15}.

Benefits of Ultrasonic Technology

The Sonicstem device employs ultrasound to create cavitation, vibrations, and localized heating. This helps in release of cellular components from collagen tissues. The cavitation disrupts the collagen matrix, while vibrations break down the collagen fibers easing cell extraction. It also boosts cell membrane permeability and movement within tissues. Thermal effects soften tissue, aiding in cellular component extraction.

Why SONICSTEM™?

- Quick & Easy
- Closed and sterile processing unit
- 180° ultrasonic rocking mechanism

Procedure



Fat Harvest



Fat Breakdown



Sonication



SVF isolation



Debris Removal



SVF Ready to Inject



Fertility & Sexual Medicine



Key Features



Enhances follicular development¹⁷



Restarts menstrual cycles¹⁷



Stimulates oocyte production¹⁷



Re-awake egg maturation within the ovary¹⁷



Activation of ovarian stem cells to mature oocytes¹⁷

Product Overview

Ovarian rejuvenation therapy uses enriched platelets or growth factors to enhance follicle count and restore menstrual cycles. Combined with IVF, it improves success rates by enhancing follicular development and egg quality¹⁷.

What makes it unique?



Permits 25 ml whole blood



Vortex method separation



Achieves platelet counts 7-10 times above baseline^{4,5}

Potential Indications



Premature Ovarian Insufficiency (POI)



Low ovarian reserve



Small sized ovaries





Product Overview

Endometrium PRP therapy uses patient's own blood to boost endometrial growth and thickness, aiding IVF success^{18,19}. It stimulates cell regeneration and blood vessel growth, improving the uterine lining and embryo implantation in assisted reproductive technology (ART)^{18,19}.

What makes it unique?



Compact



Cost effective



Certified

Key Features

- ✓ Customizable PRP volume control
- ✓ In-built RBC locking feature
- ✓ Vortex based system
- ✓ 3-4x higher platelets than baseline
- ✓ 100% sterile & closed system
- ✓ 0% platelet/growth factor loss
- ✓ Certified for reinfusion

Potential Indications

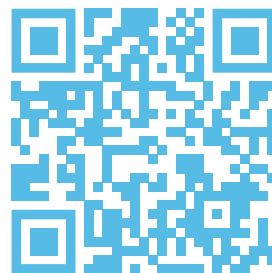


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Notes

Notes



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