

EXO GAIN

Introducing

ExoGain™

Repair. Rejuvenate. Regrow. Naturally.

ExoGain is an advanced regenerative therapy that combines autologous exosomes with a rich concentration of growth factors to support natural tissue repair, cellular regeneration, and rejuvenation. Prepared from the patient's own blood, ExoGain provides a personalized and biocompatible solution for aesthetic and regenerative applications.

CDSCO Approved | Scientifically Advanced | Autologous & Safe

Redefining Regenerative Aesthetics

Unleash the Power of Next-Generation Skin & Hair Regeneration

Developed using cutting-edge biotechnology, ExoGain harnesses your own body's healing intelligence to restore, rejuvenate, and regenerate — naturally.

The Science Behind ExoGain™

ExoGain™ integrates two synergistic biological components:

1. **Autologous Exosomes** – nanosized vesicles enriched with mRNA, proteins, and lipids that communicate regenerative signals between cells, activating stem cells and accelerating repair.
2. **Growth Factor Concentrate (GFC)** – platelets precisely activated to release high levels of PDGF, VEGF, levels of PDGF, VEGF, EGF, and FGF, enhancing angiogenesis, collagen synthesis, and tissue regeneration.

Growth Factor	PDGF	VEGF	EGF	TGF-beta	bFGF
Concentration	99443.75 pg/ml	3899 pg/ml	550 pg/ml	1732.50 pg/ml	2793 pg/ml

ELISA analysis verifies Exogain's elevated levels of PDGF, VEGF, EGF, and TGF-β, ensuring strong therapeutic activity. Consistent biomarker enrichment supports faster healing, improved outcomes, and better patient satisfaction.

Component Source Function

Clinical Effect:- Exosomes Patient's own plasma Deliver genetic & protein signals Activate stem cells, promote collagen & elastin Growth Factors Platelet concentrate Stimulate cell proliferation & angiogenesis Repair damaged tissue & accelerate healing

Key Mechanism:- ExoGain™ enables direct cell-to-cell signaling – something conventional PRP or GFC alone cannot achieve resulting in deeper rejuvenation and faster results.

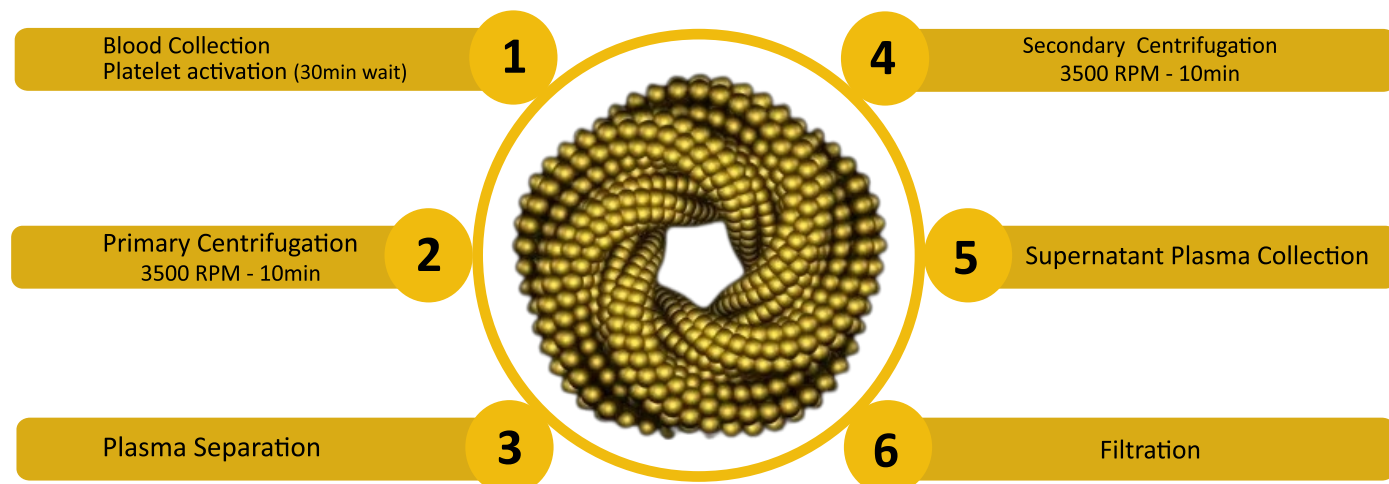
Together, these bioactive nanocarriers and regenerative proteins deliver unmatched potency compared to conventional PRP or GFC therapies.

Clinical Applications in Aesthetics & Hair Restoration

Skin Rejuvenation: - Activates dermal stem cells and fibroblasts - Stimulates collagen & elastin synthesis - Improves firmness, texture, and tone - Reduces wrinkles, scars, and pigmentation - Accelerates post-laser & micro needling recovery.

Hair Regeneration: - Activates dormant follicular stem cells - Enhances scalp microcirculation Promotes thicker, stronger hair shafts - Reduces shedding and strengthens follicle health.

How to prepare Exogain?



Indications

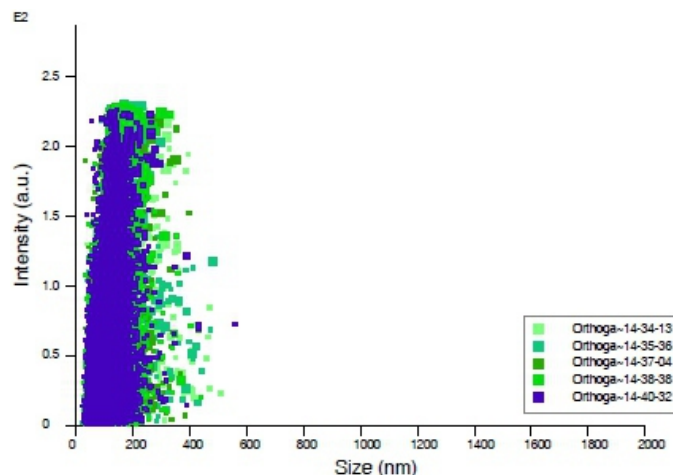
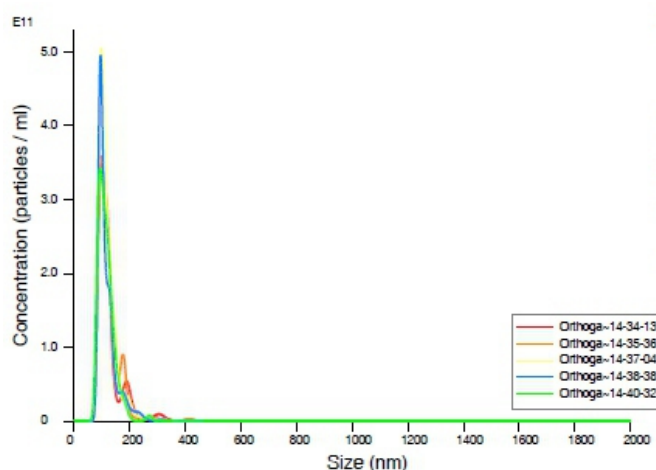
- Skin rejuvenation & texture improvement
- Post-laser recovery
- Acne scars & pigmentation
- Under-eye rejuvenation
- Hair thinning & alopecia
- Scar & stretch mark remodeling

Exogain vs PRP / GFC

Parameters	PRP	GFC	EXOS-GFC
Composition	Platelets with plasma	Platelet-derived growth factors	Autologous exosomes + growth factors
Mechanism	Indirect GF release	Direct GF delivery	Direct cellular communication + potent regenerative signaling
Regenerative capacity	Moderate	Improved	Superior – targets inflammation and stimulates true regeneration
Purity	Contains RBCs/WBCs	Contains cell Debris	RBC-free Cell-free, highly purified exosomes
Onset of results	4–6 weeks	2–3 weeks	1–2 weeks

Nanoparticle Tracking Analysis (NTA) Assay For Exosome Quantification

Nanoparticle Tracking Analysis (NTA) is a powerful technique used to measure the size distribution and concentration of nanoparticle, including exosomes. NTA combined the principles of laser light scattering and Brownian motion to provide detailed insights into exosome populations.



Particle Concentration

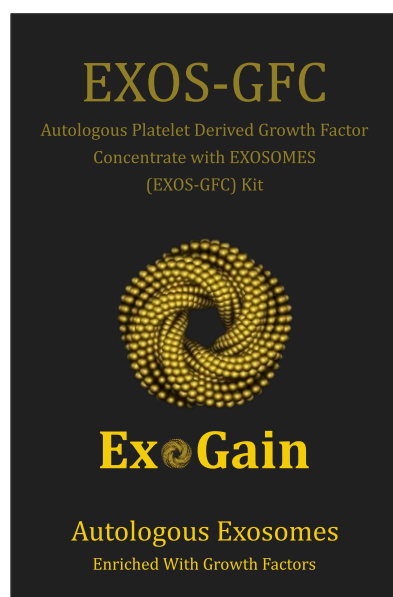
2.05e + 13 particles/ml
(Original Exosome Concentration)

Size Distribution

85.7% particles between 30 - 150 nm
Therapeutic peak at - 100 nm.

Purity : **>98%** Exosome and Growth Factor content with negligible impurities.

NTA demonstrates excellent batch consistency, ensuring predictable regenerative outcomes.



ExoGain Kit Contains :

ExoGain Tubes 4x5ml
Plasma Collection Tube 2x10ml(Sterile)
Syringe 2x10ml, 1x20ml
Filter 1 Piece
Mfg. Lic. No.: MFG/MD/2025/000469

CDSCO



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