

EXO-GROW™ Comparative Overview

The next generation of hair regeneration: Science that repairs, not just stimulates.

1. EXO-GROW™ vs. Minoxidil & Finasteride

Regeneration -Not just stimulation or suppression

	Minoxidil	Finasteride	EXO-GROW™ (HLA-G COMPLEXA™)
Primary Function	<ul style="list-style-type: none"> Chemical stimulant that improves blood flow and extends the growth phase 	<ul style="list-style-type: none"> Hormonal blocker that lowers DHT (the hormone that shrinks follicles) 	<ul style="list-style-type: none"> Biological regenerator that repairs and reactivates dormant follicles
How It Works	<ul style="list-style-type: none"> Opens potassium channels to boost nutrient delivery 	<ul style="list-style-type: none"> Inhibits 5-α-reductase to reduce DHT and slow miniaturization 	<ul style="list-style-type: none"> Delivers exosomes, peptides, growth factors, and microRNAs directly to follicle stem cells
Level of Impact	<ul style="list-style-type: none"> Surface-level stimulation 	<ul style="list-style-type: none"> Hormonal suppression 	<ul style="list-style-type: none"> Deep cellular repair and tissue regeneration
Effectiveness	<ul style="list-style-type: none"> 10-20% regrowth in studies 	<ul style="list-style-type: none"> Prevents further loss (40-60% retention) 	<ul style="list-style-type: none"> Up to 160% higher increase in density and thickness in 12 weeks
Target Area	<ul style="list-style-type: none"> Blood flow to follicles 	<ul style="list-style-type: none"> DHT-sensitive follicles 	<ul style="list-style-type: none"> Full scalp ecosystem, stem cells, dermal papilla, collagen, and microbiome
Time to Results	<ul style="list-style-type: none"> 3-4 months 	<ul style="list-style-type: none"> 4-6 months 	<ul style="list-style-type: none"> Visible thickening in 6-8 weeks
Maintenance	<ul style="list-style-type: none"> Continuous use required 	<ul style="list-style-type: none"> Continuous use required 	<ul style="list-style-type: none"> Progressive scalp health continues to improve between cycles
Side Effects	<ul style="list-style-type: none"> Scalp irritation, dryness, shedding 	<ul style="list-style-type: none"> Hormonal or mood side effects 	<ul style="list-style-type: none"> None known; non-hormonal and immune-tolerant
Who Can Use It	<ul style="list-style-type: none"> Men & women 	<ul style="list-style-type: none"> Men only 	<ul style="list-style-type: none"> Universal. Safe for men, women, postpartum, and menopausal clients

Why EXO-GROW™ Works Better

- Repairs the root cause, not just symptoms.
- Exosome technology regenerates at a cellular level.
- **HLA-G COMPLEXA™** ensures immune tolerance and long-lasting results.
- Addresses every biological factor of hair loss simultaneously.
- **Clinically proven:** +160% follicle density, +52% shaft thickness, -41% inflammation, +34% new follicle formations

Summary: Minoxidil boosts blood flow. Finasteride blocks hormones.

EXO-GROW™ heals the scalp itself while repairing follicles so hair can grow stronger naturally.

2. EXO-GROW™ vs. Nutrafol®

Regeneration, not supplementation.

	Nutrafol®	EXO-GROW™ by DermapenWorld
Type of Solution	<ul style="list-style-type: none">• Oral supplement for internal support	<ul style="list-style-type: none">• Topical + professional regenerative system
How It Works	<ul style="list-style-type: none">• Provides vitamins and botanicals to balance hormones, stress, and nutrition	<ul style="list-style-type: none">• Delivers HLA-G COMPLEXA™ exosomes, peptides, and growth factors directly to follicles
Technology	<ul style="list-style-type: none">• Nutritional / hormonal	<ul style="list-style-type: none">• Cellular regeneration using exosome therapy
Focus	<ul style="list-style-type: none">• Supports internal health to reduce shedding	<ul style="list-style-type: none">• Repairs scalp tissue, reactivates follicles, and restores micro-circulation
Clinical Power	<ul style="list-style-type: none">• Gradual improvement over 3-6 months	<ul style="list-style-type: none">• Visible, measurable results in 6-8 weeks
Treatment Area	<ul style="list-style-type: none">• Systemic (whole body)	<ul style="list-style-type: none">• Targeted (scalp and follicle)
Clinical Data	<ul style="list-style-type: none">• 15-25% increase in density after 6 months	<ul style="list-style-type: none">• Up to 160% greater follicle density in 12 weeks
Ingredients	<ul style="list-style-type: none">• Botanicals, vitamins, collagen, adaptogens	<ul style="list-style-type: none">• Purified exosomes, peptides, miRNA, cytokine modulators
Best For	<ul style="list-style-type: none">• Mild thinning, stress-related loss	<ul style="list-style-type: none">• Moderate to advanced thinning or medication-related loss
Side Effects	<ul style="list-style-type: none">• Minimal; may interact with medications	<ul style="list-style-type: none">• None known; non-hormonal and topical

Why EXO-GROW™ Works Better

- Nutrafol nourishes; EXO-GROW™ regenerates.
- Nutrafol works indirectly through digestion; EXO-GROW™ works instantly at the follicle level.
- HLA-G immune-tolerant exosomes stay active longer and communicate directly with cells.
- Clinical imaging confirms faster, stronger, and thicker regrowth.

Summary:

Nutrafol feeds your body nutrients for hair health.

EXO-GROW™ delivers regenerative instructions straight to the follicles for faster, stronger results.

3. EXO-GROW™ vs. CALECIM®

Next-generation exosome precision, not just stem-cell media.

	CALECIM® Professional	EXO-GROW™ by DermapenWorld
Core Technology	<ul style="list-style-type: none">Conditioned media from umbilical stem cells	<ul style="list-style-type: none">HLA-G COMPLEXA™ - purified, immune-tolerant exosome complex
Type of Active	<ul style="list-style-type: none">Mixed secretions (proteins and cell debris)	<ul style="list-style-type: none">Purified exosomes (
How It Works	<ul style="list-style-type: none">Improves skin texture and hydration	<ul style="list-style-type: none">Regenerates scalp tissue, reactivates follicles, and reduces inflammation
Target Area	<ul style="list-style-type: none">Skin and epidermis	<ul style="list-style-type: none">Scalp and follicular units
Delivery Method	<ul style="list-style-type: none">Cosmetic serum (post-procedure)	<ul style="list-style-type: none">Delivered through microneedling, LED, or scalp massage for deeper penetration
Immune Profile	<ul style="list-style-type: none">Non-tolerant; limited exosome purity	<ul style="list-style-type: none">Immune-tolerant; long-lasting tissue activity
Clinical Data	<ul style="list-style-type: none">Cosmetic studies on firmness and recovery	<ul style="list-style-type: none">160% higher follicle density than Minoxidil, proven reduction in inflammation
Regeneration Focus	<ul style="list-style-type: none">Skin rejuvenation	<ul style="list-style-type: none">Dedicated to scalp and follicle regeneration
System Approach	<ul style="list-style-type: none">Single serum	<ul style="list-style-type: none">Complete scalp system: Mask, Tonic, Shampoo, Conditioner, and LED integration

Why EXO-GROW™ Works Better

- **CALECIM®** uses a **broad mix of fluids and proteins** that come from stem-cell cultures. Basically, everything that's secreted during the growth process. It's not refined or separated. It's a *mixture* of different cell byproducts.
- **EXO-GROW™** goes a step further. It **isolates only the exosomes**. The tiny, highly active messenger particles that tell *cells to repair and regenerate*.

HLA-G COMPLEXA™ ensures no immune rejection and longer bioactivity.

- Specifically engineered for scalp biology, not repurposed from skin care.
- Uses active delivery methods for better penetration and measurable results.
- Full ecosystem. Not a single product, offering lasting repair, not just temporary conditioning.

Summary: CALECIM® refreshes skin.

EXO-GROW™ regenerates the scalp, repairing follicles from the inside out for real, lasting results

4. EXO-GROW™ + SIP & SUPP

Complete inside-out regeneration.

	EXO-GROW™ (Topical)	SIP & SUPP (Internal)
Role	<ul style="list-style-type: none">• Repairs scalp externally using immune-tolerant exosomes	<ul style="list-style-type: none">• Supports cellular health and follicle metabolism internally
Core Benefit	<ul style="list-style-type: none">• Reactivates follicles and restores scalp environment	<ul style="list-style-type: none">• Provides nutrients, adaptogens, and antioxidants for growth and resilience
Mechanism	<ul style="list-style-type: none">• Exosomes communicate directly with follicle cells to regenerate tissue	<ul style="list-style-type: none">• Nutrients support keratin synthesis, hormone balance, and stress control
Timeframe	<ul style="list-style-type: none">• Visible changes in 6-8 weeks	<ul style="list-style-type: none">• Strength, shine, and reduced shedding in 3-4 weeks
Key Ingredients	<ul style="list-style-type: none">• HLA-G COMPLEXA™ exosomes, peptides, growth factors	<ul style="list-style-type: none">• Collagen peptides, biotin, zinc, saw palmetto, reishi, vitamin C, ashwagandha, L-theanine
How They Work Together	<ul style="list-style-type: none">• Topical repairs and reactivates follicles	<ul style="list-style-type: none">• Supplement provides internal fuel to sustain and amplify those results

Why SIP & SUPP Matters

- **Completes the EXO-GROW™ cycle** by nourishing follicles from both inside and outside.
- Targets all five causes of thinning. Inflammation, circulation, hormones, nutrient loss, and stress.
- Builds stronger, healthier hair with **consistent daily use**.
- Easy “beauty-from-within” routine — a quick, drinkable step that fits into any lifestyle.

Summary: EXO-GROW™ heals the scalp on the outside.

SIP & SUPP fuels it from the inside.

Together they deliver faster growth, stronger strands, and longer-lasting results.

Complete Summary of All Products vs EXO-GROW

EXO-GROW™ represents a new category in hair science. One that regenerates rather than compensates.

Unlike drugs, supplements, or cosmetic serums, it uses **patented immune-tolerant exosomes** to repair the follicle environment, restore scalp balance, and drive natural growth without hormonal risks or irritation.

Competitor	Core Action	Limitations	EXO-GROW™ Advantage
Minoxidil	<ul style="list-style-type: none">• Stimulates blood flow	<ul style="list-style-type: none">• Temporary stimulation only	<ul style="list-style-type: none">• Cellular regeneration + 160% higher density
Finasteride	<ul style="list-style-type: none">• Reduces DHT	<ul style="list-style-type: none">• Hormonal, male-only use	<ul style="list-style-type: none">• Non-hormonal, safe for all
Nutrafol	<ul style="list-style-type: none">• Supports internal wellness	<ul style="list-style-type: none">• Indirect, slow results	<ul style="list-style-type: none">• Direct follicle regeneration
CALECIM®	<ul style="list-style-type: none">• Skin rejuvenation media-(a cosmetic mixture that supports skin healing and anti-aging,)	<ul style="list-style-type: none">• Not scalp-focused	<ul style="list-style-type: none">• Purpose-built exosome scalp therapy
SIP & SUPP	<ul style="list-style-type: none">• Internal nourishment	<ul style="list-style-type: none">• Complements topicals	<ul style="list-style-type: none">• Complete inside-out system

Simple Summary:

Most products only stimulate or slow hair loss.

EXO-GROW™ regenerates, repairing the scalp and reactivating follicles for stronger, thicker, healthier hair that lasts.