



SkinMedica®

TNS®
ADVANCED+
SERUM

NET WT. 1.0 Oz. / 28.4 g

A LEGACY OF RESULTS

Our growth factors have revolutionized skincare and helped millions of patients achieve healthier, younger-looking skin.

FOR ALMOST
20
YEARS

The most researched*
The most awarded†
The most respected name in growth factor skincare

And now we are taking it to the next level...



*Clinical studies and publications include the full portfolio of growth factor products, including SkinMedica® and Regenerica®

†From 2010 to 2018 for select SkinMedica® growth factor products only.

Reference: Data on file at SkinMedica®.

WHAT ARE GROWTH FACTORS (GF)?

Naturally secreted **cell-signaling** proteins

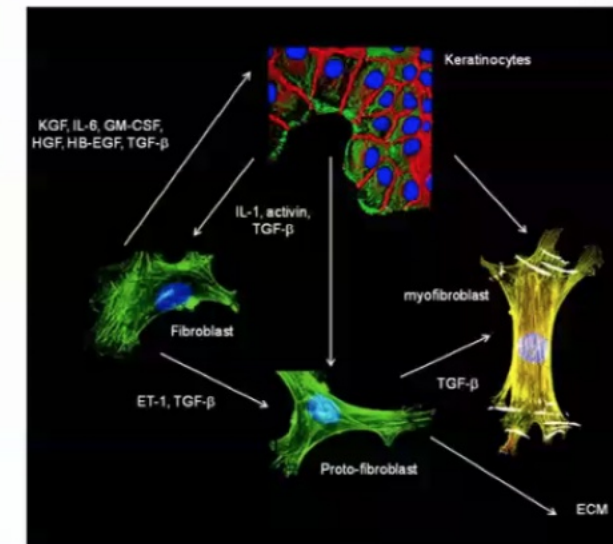
Interact with specific receptors on the surface of skin cells (**key-lock concept**)

Work locally to **regulate cell activity** for optimal tissue structure & function

Important role in **skin repair and remodeling**

Work **synergistically** within a complex network

Production and level of growth factors **decrease with age**^{1,2}



Schematic reprinted from: Werner S, et al. J Invest Dermatol;127:998-1008; 2007

1.Mori *et al.*, Arch Dermatol Res 1998;290(3):158-162
 2.Canalis, J Clin Endocrinol Metab 1994;78(5):1009-1010

OTHER SOURCES OF GROWTH FACTORS



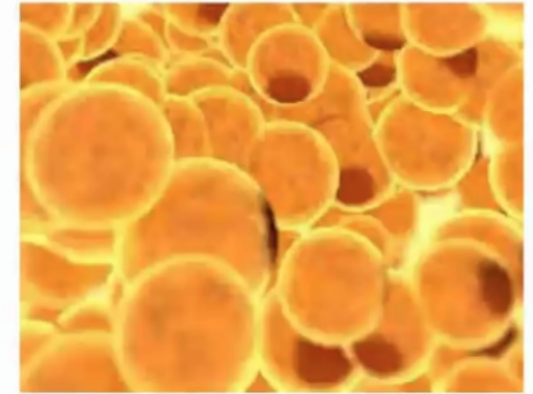
PLANT & ANIMAL

- Different class of organisms or species
- Structure and function of these type of growth factors are different from human growth factors
- **'Key-lock' mismatch**



HUMAN RECOMBINANT

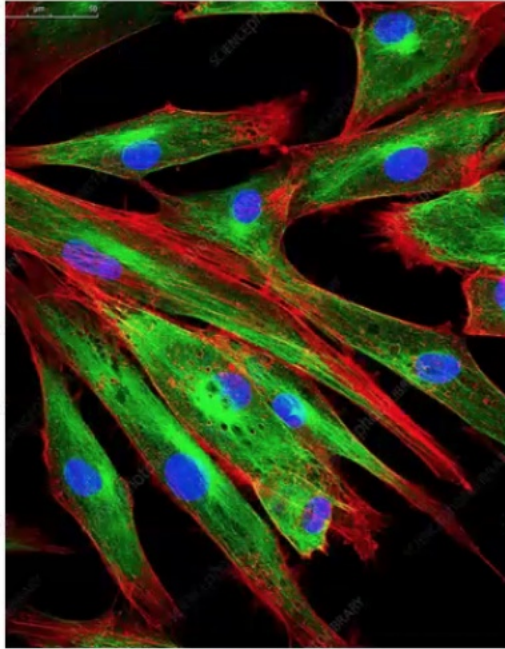
- Produced by bacteria using specific human DNA
- Protein modification is not same as naturally secreted growth factors
- **Less activity than natural growth factors**
- Ideal growth factor combination cannot be synthetically created



HUMAN NON-SKIN CELL & STEM CELL

- *E.g.* adipose tissue-derived & bone marrow mesenchymal stem cell
- Human natural growth factors
- **Not physiologically-balanced:** secreted growth factor blend is not ideal for skin tissue

IDEAL GROWTH FACTOR SOURCE



Confocal microscopy of fibroblast cells
(royalty-free stock photo)

HUMAN NEONATAL FIBROBLAST

- Skin cell that produces dermal extracellular matrix
- **Human natural growth factors**
- Neonatal cells can produce more growth factors than aged or adult cells
- **Physiologically-balanced composition** of growth factors to provide optimal benefits for skin tissue

TNS[®] ADVANCED+ SERUM

Next Generation Skin Care

- Combines SkinMedica's **most advanced growth factor technology** with powerful botanical & marine ingredients
- **Next-level, comprehensive approach** to anti-aging skin care
- Rapid visible skin rejuvenation at **as early as 2 weeks**
- Subjects felt they **looked 6 years younger** after 12 weeks of use
- **Colorless & odorless**

SKINMEDICA[®]



NEXT GENERATION GROWTH FACTORS

- Advanced growth factor technology: MRCx™
 - Human fibroblast conditioned media
 - Cultured in a large bioreactor in under **hypoxic (low oxygen)** conditions and on dextran beads **in suspension (low gravity) to mimic the fetal environment**
 - Use of exact same neonatal foreskin fibroblast as TNS®
 - Different blend of growth factors that supports skin development
- **>450 Physiologically-balanced natural growth factors, cytokines, stem cell factors, and other matrix proteins**
- Hypoxic conditions may induce proteins that **stimulate precursor cells**
 - Further strengthen the skin rejuvenating benefits of human fibroblast-derived growth factors

TNS® ADVANCED+ SERUM

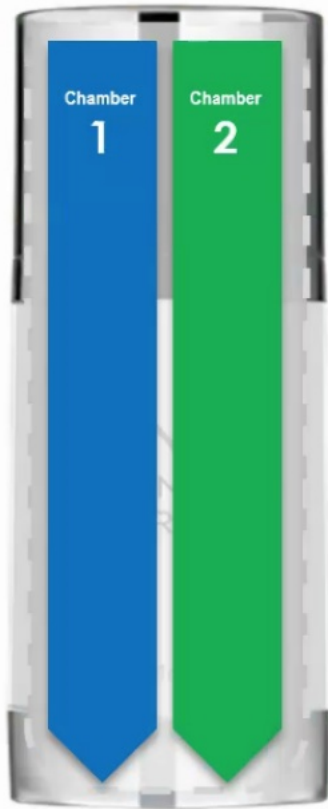
Next-level comprehensive skin rejuvenation in a dual pump serum:

Chamber 1: TNS-MR

- Next generation growth factor blend (MRCx™)
- Peptide complex: supports dermal ECM

Chamber 2: RenessenSCe (RSC) Advanced

- Advanced blend of botanicals, marine extracts and peptides
- Designed to assist the growth factor blend in supporting skin rejuvenation and further enhancing the benefits of TNS® Advanced+



French Flax Seed Extract	Green Microalgae Extract
Spanish Marine Exopolysaccharides	Lactococcus Ferment Lysate
Peptides	Antioxidants

WHAT DOES TNS® ADVANCED+ SERUM DO?



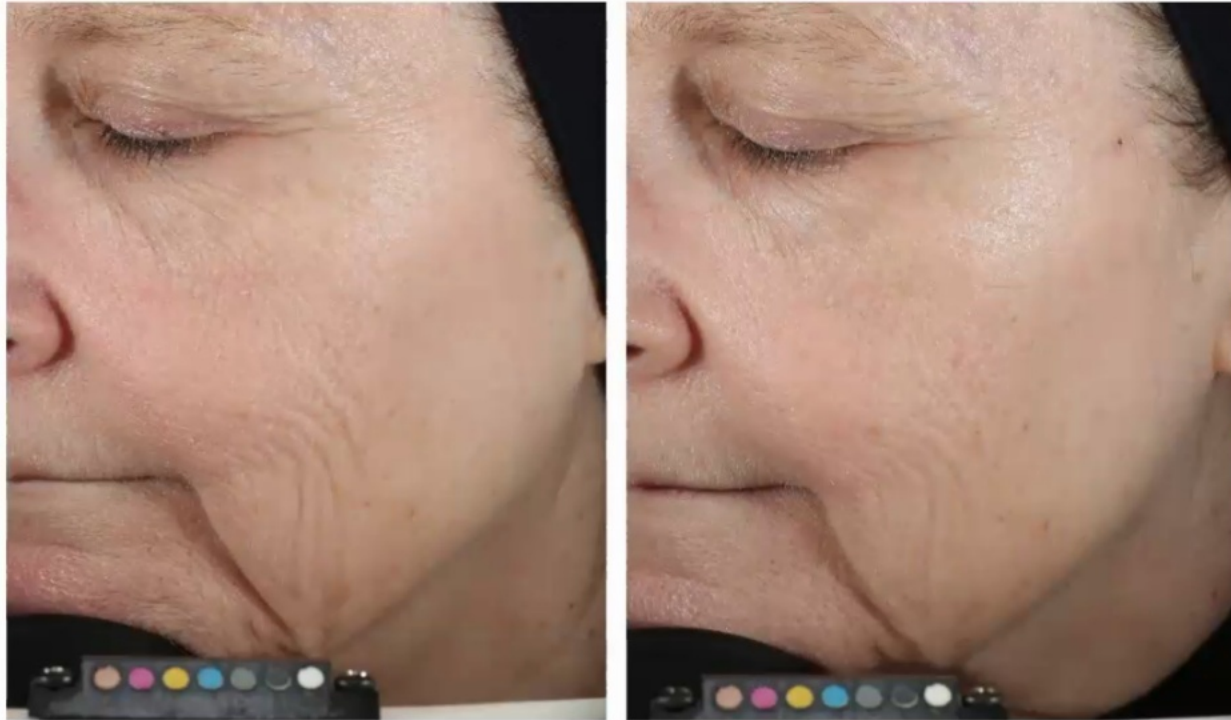
TNS A+ benefits

- Supports skin barrier
- Protects against free radical damage and oxidative stress
- Supports Epidermal Cell-Cell Adhesion
- Supports the Dermal-Epidermal Junction
- Supports Stem Cells Function & Proliferation
- Supports Intercellular Communication
- Supports Cellular Recycling and Protein Homeostasis
- Helps to Prevent Cellular Senescence
- Supports Collagen, Elastin & other ECM components
- Supports Heparan Sulfate & Proteoglycans

TNS A+ ingredients

- TNS-MR
- Lactococcus Ferment Lysate
- Antioxidants
- TNS-MR
- French Flax Seed Extract
- TNS-MR
- Spanish Marine Exopolysaccharides
- TNS-MR
- Peptides
- TNS-MR
- Green Microalgae Extract

IMPROVEMENTS AT WEEK 2



Baseline

Week 2

TNS® A+ treatment group
Female, Age 60
Fitzpatrick Skin Type II
Standard Lighting

IMPROVEMENTS AT WEEK 2



Baseline



Week 2

TNS® A+ treatment group
Female, Age 68
Fitzpatrick Skin Type II
Standard lighting

IMPROVEMENTS AT WEEK 8



Baseline



TNS® A+ treatment group
Male, Age 42
Fitzpatrick Skin Type V
Standard lighting

Week 8

IMPROVEMENTS AT WEEK 12



Baseline



Week 12

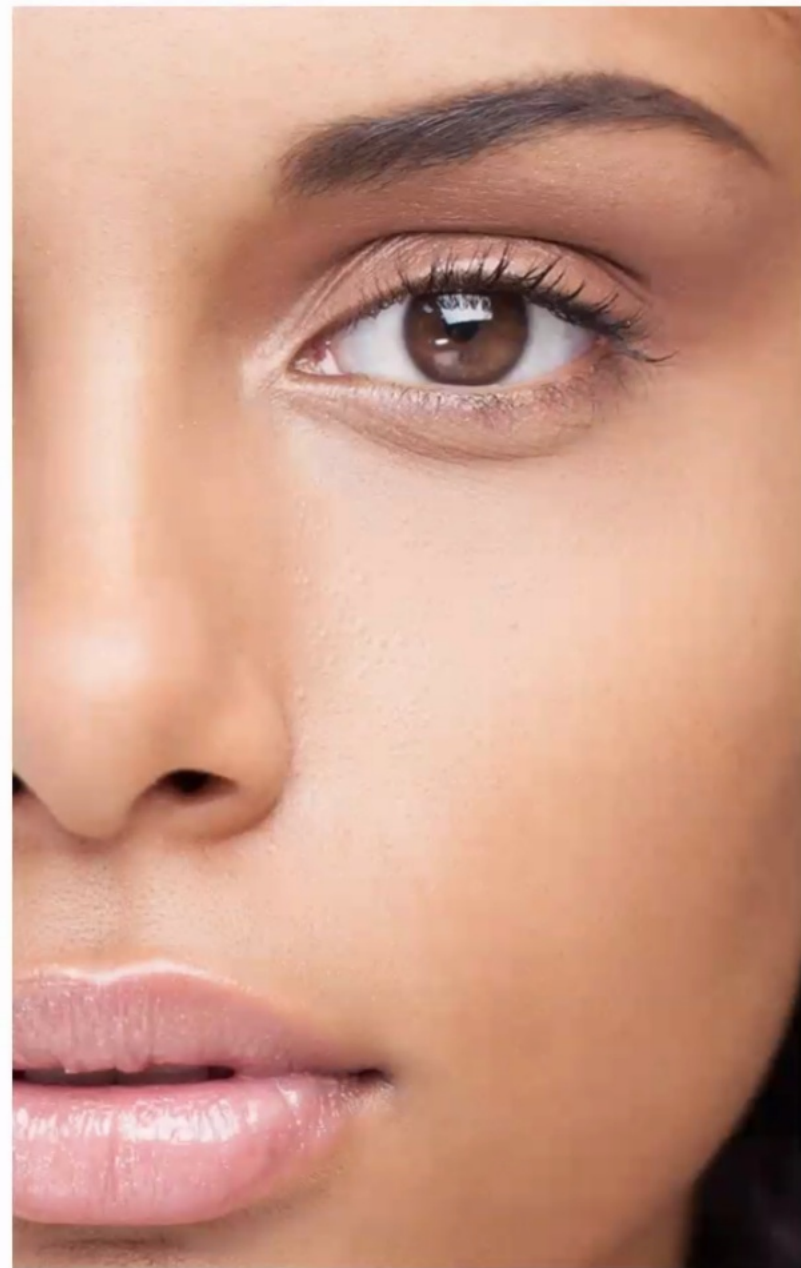
TNS® A+ treatment group
Female, Age 60
Fitzpatrick Skin Type II
Parallel-polarized lighting

TNS[®] ADVANCED+ SERUM

Scientific key take-aways

- Contains most advanced growth factor technology
 - **Physiologically-balanced composition** of natural growth factors from human fibroblasts to provide optimal benefits for skin tissue
- Multi-modal approach for optimal skin rejuvenation:
 - **Prejuvenation:** helps to delay the onset of signs of skin aging
 - **Skin rejuvenation:** addresses the existing signs of skin aging
- Clinically proven:
 - Rapid visible skin rejuvenation at **as early as 2 weeks**
 - Addresses the **appearance of sagging and loose skin**
 - Users feel as if they **look 6 years younger** after 12 weeks of use

SKINMEDICA[®]



SKINMEDICA®
TNS® ADVANCED+
PRO-INFUSION SERUM
Delivered by DiamondGlow™

The first signature serum for
DiamondGlow™ formulated
with our most advanced
Growth Factor Technology to
comprehensively rejuvenate skin.

SKINMEDICA®

COMING
SOON



CUSTOMIZE AT-HOME SKINCARE REGIMENS TO COMPLEMENT AND ENHANCE IN-OFFICE PROCEDURES

- + Extend the benefits of your procedure
- + Promote long-term healthy-looking skin
- + Foster long-term patient relationships through engagement and touch points

SAMPLE COMBINATIONS TO REJUVENATE AND TARGET

Hydration



TNS® Advanced+ Serum
with HA⁵® Rejuvenating Hydrator

Brightening



TNS® Advanced+ Serum
with Lytera® 2.0 Pigment Correcting Serum

Retexturing



TNS® Advanced+ Serum
with Retinol Complex 0.5

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