

Manufactured by
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Made in U.S.A.



CLINICAL RESOLUTION

MICRONEEDLE THERAPY SYSTEM
1-877-KNOW-MTS
5 6 6 9 6 8 7

VITAL WH

(Wound Healing) - 0.12 fl.oz / 3.5ml

MTS ROLLER CARE ESSENTIALS



Ingredients: Aloe Vera Gel, Propylene Glycol, Lanolin, (Imperata Cylindrica (Root Extract) (and) water (and) Glycerin (and) PEG-8 (and) Carbomer) -5%, MTS Beta Glucan (20%), MTSPeptide 222 (5%), MTSPeptide 225 (5%), MTSPeptide 230 (5%), Palmitoyl Tripeptide-28 (3%), VEGF, PDGF, bFGF, Vitamin B Complex (B1, B2, B3, B5, B6, B12), Vitamin E (D-Alpha Tocopherol), Beta Carotene, Carnosine, L-Arginine, Glucosamine Chondroitin Sulphate, Omega 3 Fatty Acids, Bee Propolis, ActiPlex 221, ActiPlex 224, Seaweed Extract, Honey, Green Tea Extract, Grapeseed extract

Use Direction: Apply liberal amount to the targeted area after MTS Roller Treatment.

Cautions: Discontinue use if skin irritation or redness develops.

Vital WH Key Features:

Vital WH not only helps cure any open wounds but also forms antibodies to combat invading bacteria & viruses. Plus Hydration plays an important role in the wound healing process. Wounds in moist environments typically heal faster with less serous scab and scar formation. All the wound healing ingredients combined in this solution can provide enough hydration after MTS Roller Treatment.

Lanolin: Super Refined ultra-pure cosmeceutical strength lanolin, sets a new gold standard in wound healing. It will increase the rate of wound healing, and may be superior to petrolatum in promoting the healing of superficial wounds.

(Imperata Cylindrica (Root Extract) (and) water (and) Glycerin (and) PEG-8 (and) Carbomer): helps to draw moisture into the skin cells, allowing hydration to take place all day long.

MTS Beta Glucan: Stimulates Immune defense & fibroblast growth and collagen synthesis. It also improves extrinsic signs of aging while promoting healing and reducing scar coloration.

Palmitoyl Tripeptide-28: a stabilized peptide engineered for cutaneous delivery that is resistant to enzyme degradation. It mimics TGF- β by activation of the transforming growth factor- β receptor Type II (T β RII) to activate collagen synthesis. In consequence, it reduces wrinkles by increasing collagen in the skin and it works by turning on the gene responsible for the production of collagen.

- 45% Reduction in wrinkles in 28 days (In-vivo)
- 152% Increase in Collagen I Synthesis (In-vitro)
- 175% Increase in Collagen III Synthesis (In-vitro)
- 48% MMP-9 Inhibition (In-vitro)

MTSPeptide 222 (5%), MTSPeptide 225 (5%), MTSPeptide 230 (5%):

- Stimulate cell replication and collagen
- Regulate cell proliferation
- Matrix remodeling, tissue repair & wound healing
- Stimulate FGfA (FGF1) - Fibroblast growth factor, Acidic, FGfB (FGF2) - Fibroblast growth factor, Basic, FGf3 - Fibroblast growth factor 3, FGf7 - Fibroblast growth factor 7 (keratinocyte growth factor), CTGF - Connective tissue growth factor, VEGfC - Vascular endothelial growth factor C, PDGFc - Platelet-derived growth factor C, GRN - Granulin

VEGF: Vascular endothelial growth factor, VEGF also induces endothelial cell proliferation and migration in the wound healing process. Secretion of VEGF can be performed by a number of cell types, including keratinocytes, macrophages, fibroblasts, and endothelial cells, generally in a hypoxic environment.

PDGF: Platelet-Derived Growth Factor PDGF is one of the small proteins released. This growth factor allows unspecialized connective tissue cells, called fibroblasts, to divide and stimulate connective tissue cells and smooth muscle cells to divide at the wound site in order to repair the damaged area.

bFGF: Basic fibroblast growth factor (bFGF): It provides the initial stimulation of endothelial cell migration and proliferation in wound repair. It is also a potent mitogen for all cell types and found predominantly in the early proliferative phase of the wound.

Vitamin E (D-Alpha Tocopherol), Beta Carotene, Carnosine, L-Arginine, Glucosamine Chondroitin Sulphate, Omega 3 Fatty Acids, Bee Propolis, ActiPlex 221, ActiPlex 224, Seaweed Extract, Honey, Green Tea Extract: facilitates the healing of wounds.



MTS Roller Care Essentials (All 0.12 fl.oz. X 10)

The clinical solutions to be used with microneedle Therapy.

- 1 Vital W - *Wrinkle Treatment*
- 2 Vital PS - *Pigment Stabilizing solution*
- 3 Vital SM - *Stretchmark Remover*
- 4 Vital WH - *Wound Healing*
- 5 Vital CL - *Cellulite Control*
- 6 Vital HR - *Hair Regrowth formula*