



“AMAZING”

*An Advanced Concept
Better Care for Your SKIN*



MTS-ROLLER
MICRONEEDLE THERAPY SYSTEM

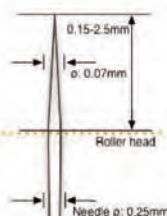


MTS-ROLLER

MICRONEEDLE THERAPY SYSTEM

Advances in the processing of materials on a micro-scale have led to the development and introduction of devices that employ very small needles – microneedles – that deliver drugs by mechanically perforating the outer skin layer and allowing for transdermal absorption of the active compound.

These processing techniques incorporate one or more technologies that enable the precise machining, extrusion, casting, and/or forming of from one to an array or grid of microneedles.



Fine stainless steel needle tips with exceptional durability and patented refining technology.

MTS Roller™ is a durable and high quality precision tool, with 100-1000µm in length and 10-15µm in tip diameter. The roller disc and handles are made from Lexan Polycarbonate Resin and the axle is stainless steel polished. It holds 200 fine Swedish surgical stainless steel. When these needles are inserted into skin, they pierce the stratum corneum and create microchannels for transport across the stratum corneum.

Medical Roller

MR20 – 2.0mm MR15 – 1.5mm

- Collagen Induction
- Deep Wrinkle & Scar
- Cellulite Treatment
- Stretch Mark Treatment
- Improve Keloid Scar

Medical Roller

MR10 – 1.0mm

- Collagen Induction
- Improve Acne Scarring
- Improve Wrinkles
- Minimize Stretch Marks
- Smooth Cellulite

Clinical Roller

MR5 – 0.5mm

- Skin Lifting & Firming
- Smooth Fine Lines & Wrinkles
- Improve Pigmentation
- Smooth Acne Scarring
- Improve Alopecia

Clinical/Personal Roller

MR3 – 0.3mm

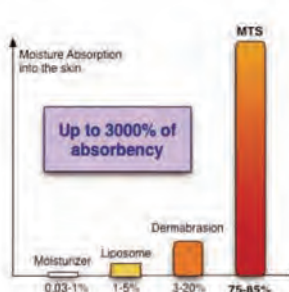
- Facial Firming
- Minimize Fine Lines
- Improve Alopecia
- Improve Pigmentation
- Skin Tightness & Thickness

Personal Roller

MR2 – 0.2mm

- Homecare Therapy
- Facial Firming
- Skin Rejuvenation
- Skin Tightness & Thickness
- Increase Solution Absorption

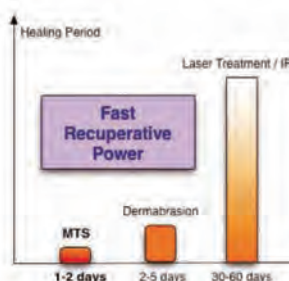
At the heart of Microneedle Therapy System (MTS) is our patented MTS Roller™ – a unique 'type I' FDA-registered supplemental medical tool that is ideal for non-surgical and non-ablative treatment of various skin conditions such as aging (wrinkles, sagging), scarring (acne, surgical), stretch marks, cellulite, and hyperpigmentation – in addition to hair loss treatment. Clinical studies have shown MTS (microneedle therapy system) to be more effective than ablative treatments like laser resurfacing, dermabrasion, and chemical peel and just as effective, as non-ablative treatments like CO2 laser, and Fraxel in stimulating collagen and elastin production to thicken the skin thereby erasing wrinkles and smoothing scars.



Absolute Absorbency

MTS Roller™ uses 200 extra fine needles to injure the skin sufficiently enough to stimulate fibroblast, thereby inducing collagen and elastin production. Resulting micro-channels also aid in infusing therapeutic serums for greater penetration and increasing overall efficacy. Clinical studies from Europe, Asia, and United States have proven that serum absorption is increased by as much as

3,000 times when applied with MTS Roller™. Clinical studies have also shown that treatment with MTS Roller™ is more consistent in increasing the thickness of the skin than other resurfacing treatments.



Fast Recuperative Power

The gentle stimulus provided by the MTS Roller™ is far more "skin friendly" and thus far more effective than many other invasive and more expensive skin treatments. MTS Roller™ leaves the entire epidermal barrier fully intact; micro-channels created by 200 precision surgical stainless steel needles seal within hours after application: long enough for new collagen-structures to form

within the lower layers of the skin and short enough to allow the patient to resume normal schedules quickly. MTS Rollers eliminate all common negative side effects and risks associated with chemical peeling, dermabrasion, and laser-resurfacing. The skin is thicker and ready sooner for additional treatment. Personal MTS Models (MR2, MR3) are virtually painless; clinical models (MR5, MR10, MR15, MR20) should be used with a topical anesthetic cream.

MTS Roller™ Care Essentials (10 units of 0.12 fl.oz./ 3.5ml vials per box)

The clinical solutions to be used with Microneedle Therapy.

- 1 Vital W – Wrinkle
- 2 Vital PS – Pigment & Discolorization
- 3 Vital SM – Stretch Mark
- 4 Vital WH – Wound Healing
- 5 Vital CL – Cellulite
- 6 Vital HR – Hair Re-growth



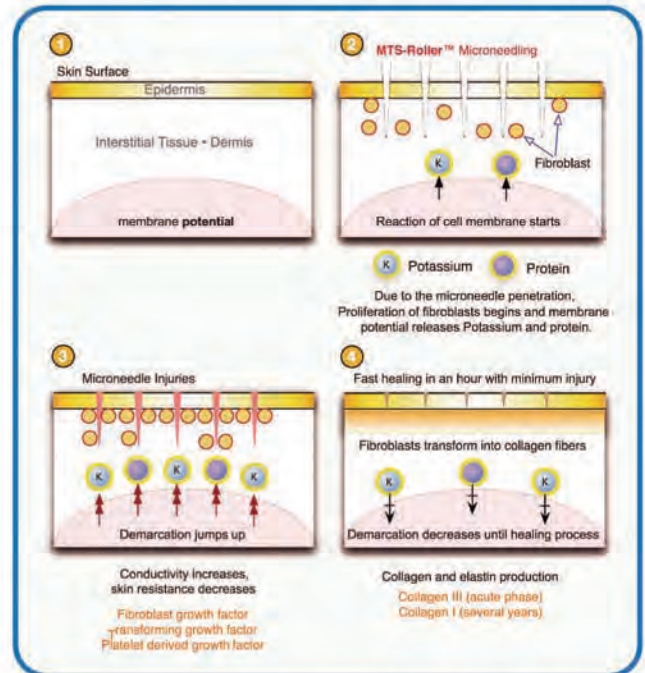
Various Examples of Microneedle Therapy with MTS-Roller Treatment



MTS Roller™ is a low-cost/high results skin treatment alternative for ablative skin resurfacing, derma/microabrasion, and chemical peeling. Due to the fact that the epidermis is not removed or otherwise damaged, most of the risks and negative side effects of chemical peeling or ablative treatments are eliminated.

CAUTION: Do not use MTS Roller™ on irritated skin, infected skin, fungal skin infections, active acne, rosacea, eczema, psoriasis, severe solar keratosis, raised moles and/or warts, and/or any open wounds or sores. Patients who are not sure about their skin condition should consult a dermatologist before using the MTS Roller™.

Advantages of using MTS Roller



- Extremely high absorption of any type of chemical substance.
- Collagen induction through controlled mechanical stimulation.
- Realignment of old collagen bundles.
- Complete preservation of the epidermis during the procedure.
- No permanent damage to the skin.
- Enhances Iontophoresis and Sonophoresis treatments.

Symposium and Seminar



Attended more than 50 Symposium and seminars around the world.