Inflammation

Initial injury triggers an inflammatory response within the wound. Controlled inflammation is beneficial, but sustained inflammation can lead to stalled healing.\(^1\) Cellular balance is restored by reducing sustained levels of inflammation, allowing wound healing to progress.

MIST\textsuperscript{®} Therapy Reduced Pro-Inflammatory Cytokines in Non-Healing Venous Leg Ulcers (VLU)\textsuperscript{2}

Pro-inflammatory cytokines: Interleukins (IL-1a, IL-6, IL-8, IL-11); Tumor Necrosis Factor (TNF-a)

University of Miami\textsuperscript{2*}

- 10 patients with confirmed VLU wounds present \(\geq 6\) months
- Failed to improve in the previous 30 days with multilayered compression bandages and standard of care
- 12 MIST treatments
  - 3 treatments/week (4-week duration)

45% mean reduction in wound size in 4 weeks versus no notable improvement with standard of care

UltraMIST\textsuperscript{®} Therapy removes barriers to healing.
**Inflammation**

**MIST® Therapy Reduced Pro-Inflammatory Cytokines and MMP-9 in Non-Healing Diabetic Foot Ulcers (DFU)**

![Graph showing reduction in pro-inflammatory cytokines and MMP-9](image)

**Boston University**
- 12 patients with average ulcer duration of 39 weeks
- Three study groups: 1 standard of care (SOC) and 2 MIST groups
- 12 MIST treatments
  - 3 treatments/week (4-week duration)

*Data were compiled utilizing MIST Therapy. UltraMIST is the successor but maintains the same mechanism of action.*

**UltraMIST® Therapy removes barriers to healing.**


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For more information, please contact Celularity at 1-844-963-2273 or refer to the UltraMIST Therapy Instructions for Use.