

medaxis

# microjet therapy

for an optimal wound bed preparation and  
accelerated healing!

- + microbleeding and neovascularization
- + stimulation and oxygenation
- + biofilm removal and bacterial load reduction

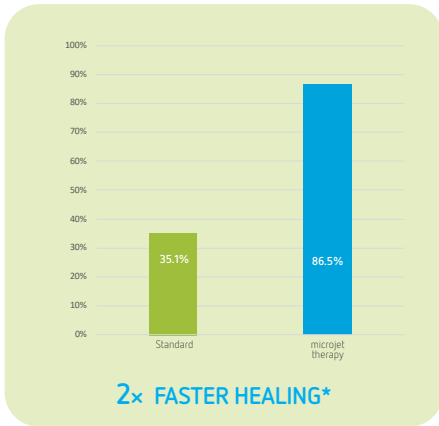


# medaxis microjet therapy

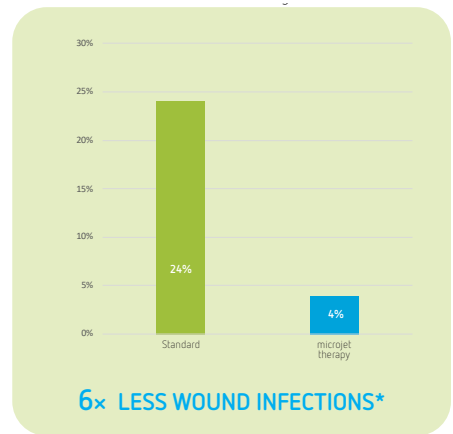
## for an optimal wound bed preparation and accelerated healing!

The clinical results of the medaxis microjet wound therapy show a significantly faster wound healing, a reduced infection rate and less adverse events. <sup>(1)</sup>

Percentage of wound area reduction



Percentage of wounds having at least 1 infection during treatment



\*Referenzen / Index <https://doi.org/10.2337/db23-29-LB>

<sup>(1)</sup> Multicenter, Randomized Controlled Clinical Investigation Evaluating a Unique Micro Water Jet Technology Device Versus Standard Debridement in the Treatment of Diabetic Foot  
David G. Armstrong, DPM, MD, PhD<sup>1</sup>, Marissa J. Carter, PhD, MA<sup>2</sup>, Charles M. Zelen, DPM, FACFAS, FACFADM\*

<sup>1</sup> Division of Surgery, Keck School of Medicine, University of Southern California, Los Angeles, CA; <sup>2</sup> Strategic Solutions, Inc, Cody, WY; \*Professional Education and Research Institute, Roanoke, VA

## + microbleeding and neovascularization

The energy of the microfluid jet provokes microbleeding, which feeds the wound with the oxygen and nutrients needed for neovascularization and tissue growth.

## + stimulation and oxygenation

The stimulation of the wound bed with the microfluid jet increases cellular activity and circulation, which allows the oxygen provided during the treatment to be delivered to the wound.

## + biofilm removal and bacterial load reduction

The biofilm is a major barrier to wound healing. Its removal by the microfluid jet leads to bacterial load reduction which is important for the healing process.

**medaxis**

Medaxis LLC  
4512 Legacy Drive Suite 100  
Plano, TX 75024

[www.medaxis.us](http://www.medaxis.us)  
[info@medaxis.us](mailto:info@medaxis.us)  
phone 312 483 6214