

PLASMO[®]HEAL PRO

The Fusion of Cold Plasma and Aerosol.

Modern Wound and Skin Therapy for In-Patient,
Out-Patient and Home Care Settings.

Wounds. Infection. Inflammation. Infection Prophylaxis.



INTEGRATION INTO THE TREATMENT WORKFLOW.



Wounds.



Infection.



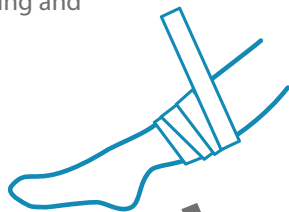
Inflammation.



Infection Prophylaxis.

3. SUBSEQUENT CARE
according to standard
practice (e.g. dressing and
bandaging)

③



①

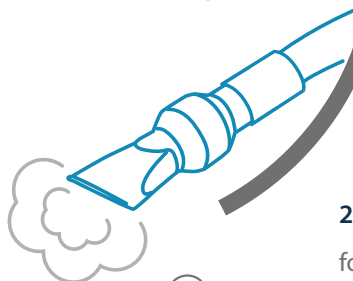


1. MECHANICAL CLEANSING
according to standard practice
(e.g. wound irrigation solution)

PLASMO®HEAL^{PRO}

is an integral component
of the treatment concept.

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2. APPLICATION OF PLASMO®HEAL PRO
for 3 minutes at a distance
of approx. 5–10 cm

THERAPY RESULTS WITH PLASMO®HEAL PRO.

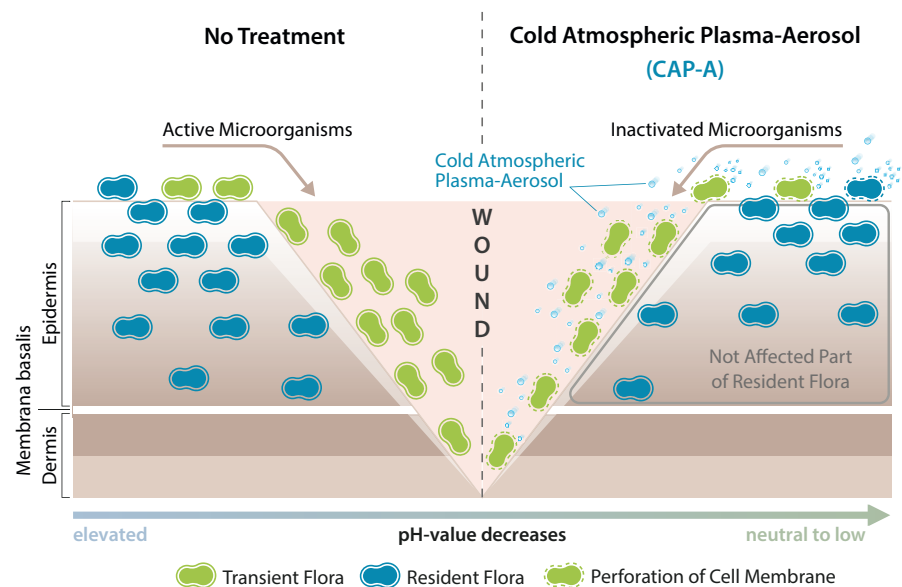
Example: 14-week-old wound following bypass surgery.



Treatment twice weekly using Cold Atmospheric Plasma-Aerosol as an adjunct to standard therapy.

COLD ATMOSPHERIC PLASMA-AEROSOL (CAP-A) TO SUPPORT A WOUND- AND SKIN-HEALING ENVIRONMENT.

The procedure reliably inactivates bacteria, fungi and multidrug-resistant organisms on wounds and skin. The inactivation results in a healing-promoting environment. The mechanism of action combines the mechanical detachment and displacement of microorganisms of the aerosol, Reactive Oxygen Species (ROS) generated from cold plasma, and normalization of local pH value. Fine aerosol droplets additionally support surface moisturization.



Scientific
Literature



Automated.

PLASMO® HEAL PRO enables Cold Plasma Therapy with a single Touch.

The technology allows large-area application. Treatment can be performed manually or supported by a rolling stand and tubing holder. The system is designed for rapid integration into clinical workflows, medical facilities and home care settings.*

**Reimbursement for Cold Plasma Therapy may be available through private health insurance , employers' liability insurance association, or as premium add-on therapy for private health service depending on the national health care system.*

EFFECTIVENESS OF COLD ATMOSPHERIC PLASMA-AEROSOL (CAP-A).



Fused.

Combines Cold Plasma and Aerosol for the inactivation of microorganisms.



transient



resident

Selective.

Acts selectively while preserving the natural skin flora.



Aerosol-based.

Applied with a moisturizing Cold Atmospheric Plasma-Aerosol.

Generation of Cold Atmospheric Plasma-Aerosol (CAP-A).

① Cold Atmospheric Plasma (CAP)



Our patented plasma source uses ambient air and electricity.

② Aerosol



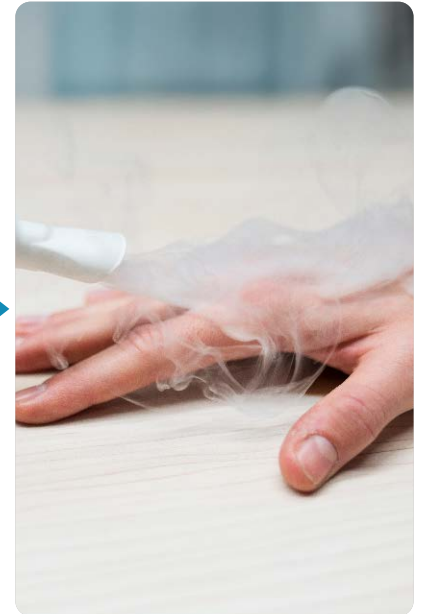
Ultrasound nebulizes irrigation solution.

③ The Fusion



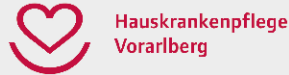
Cold Plasma and Aerosol are fused to form Cold Atmospheric Plasma-Aerosol.

④ Cold Atmospheric Plasma-Aerosol (CAP-A)



Cold Atmospheric Plasma-Aerosol inactivates microorganisms on wounds and skin.

CLIENT REFERENCES



Med. Lymphdrainage und Wundtherapie Praxis
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