



# PLASOMA

Accelerated wound healing  
Lower healthcare costs

## IN SHORT

Approximately 10-15% of elderly people suffer from complex wounds such as diabetic foot ulcers or venous leg ulcers. PLASOMA by Plasmacure creates a cold plasma that heals 62% of those wounds within 12 weeks<sup>1</sup>. That is **2.5 times more** healing than with standard wound care.

According to calculations by PLASOMA users, healthcare providers / insurers save **44%** on healthcare cost in practice. They also save **52%** on necessary patient visits, boosting productivity.

## KEY BENEFITS OF PLASOMA:

- **Improved wound closure:** PLASOMA closes **2.5x more** complex wounds than standard wound care<sup>1</sup>
- **Enhanced wound healing:** achieves a **95% reduction** in wound size (vs 53% with standard wound care<sup>1</sup>)
- **Lower healthcare costs:** reduces costs for materials, labour and referrals by **44%**
- **52% reduction in necessary patient visits**

## WHAT IS PLASOMA?

PLASOMA is a 'cold plasma' wound treatment solution developed by Plasmacure. The solution comprises an electric pulser and a plasma pad.



PLASOMA (a class IIb medical device) consists of a cold plasma pulser, which sends an electric current to the pad to generate the cold plasma. The progress of the treatment can be monitored on the pulser.



PLASOMA cold plasma pad is flexible and is fixed over the wound. With the press of a button, the pulser creates the plasma under the pad.

PLASOMA is easy to integrate into the existing wound treatment plan. A treatment lasts 2 minutes and is performed 1 or 2 times per week until the wound heals. Treatment can be administered both in the clinic and at home.

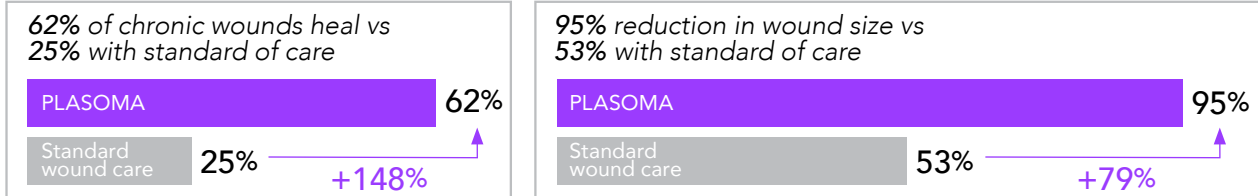
Watch the demonstration video: [www.plasmacure.nl/en/solution/](http://www.plasmacure.nl/en/solution/)



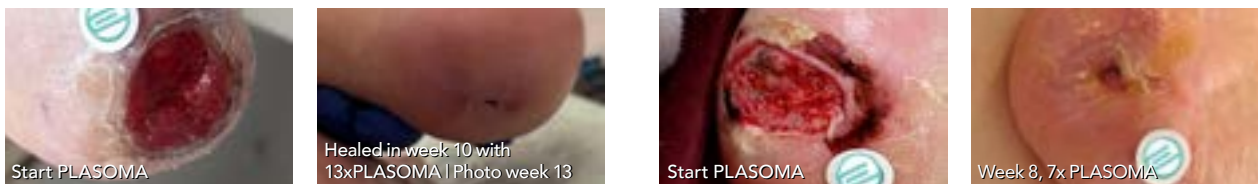


## CLINICAL RESULTS

A Randomised Controlled Trial (RCT) at home care organisations 'Thebe Zorg Thuis' and 'Zuyderland Thuiszorg' in The Netherlands, demonstrates that PLASOMA significantly improves healing of complex wounds compared to the standard of care<sup>1</sup>:

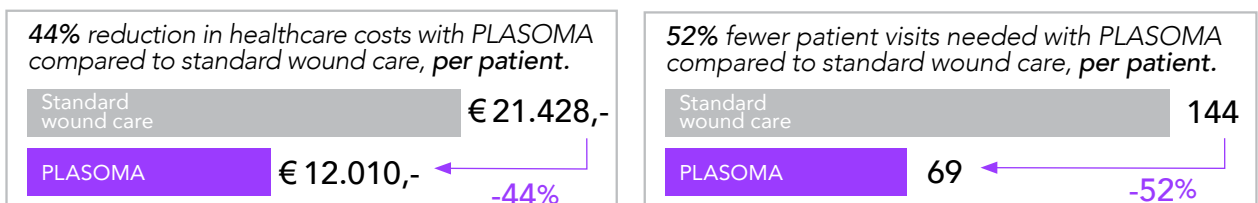


Although most effective when used on young complex wounds, a recent trial at a Dutch healthcare institution shows that PLASOMA is also effective for 'last resort' complex wounds. Among 9 patients (average age 69) with a total of 13 complex wounds<sup>2</sup> averaging 527 days in duration, treatment with PLASOMA resulted in complete wound closure or significant wound size reduction in 8 wounds.



## THE BUSINESS CASE FOR HEALTHCARE PROVIDERS AND INSURERS

The typical healing time for a complex wound is 32 weeks. With an average cost per visit of € 148,- (including labour and materials), 4.5 visits per week, and assuming a 10% referral rate to secondary care, healing a complex wound with standard care costs € 21.428,-. Treatment with PLASOMA reduces the number of treatments and required materials, lowering healthcare costs to € 12.010,-, a **saving of 44%**.



Treatment with PLASOMA reduces the number of required visits per patient by 52%. In addition to direct cost savings, this also provides significant benefits in reducing workload and the need for medical staff.

## WHO IS PLASMASURE?

The MedTech company Plasmasure was founded in 2014 as a spin-off from Eindhoven University of Technology (TU/e) and collaborates with various medical and R&D partners. Over the years, it has won several innovation awards. Plasmasure is supported by the European Union, Participatiefonds OostNL and Nextgen Ventures.

	<b>Distributed by Coligo Medical:</b>	<b>PLASOMA treatment available at:</b>
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1. Advances in Wound care: <https://doi.org/10.1089/wound.2023.0196>
2. A mix of venous ulcers (6), pressure ulcers (2), diabetic ulcers (2), and oncological wounds (3)