

Cold plasma: a new treatment for hard-to-heal wounds



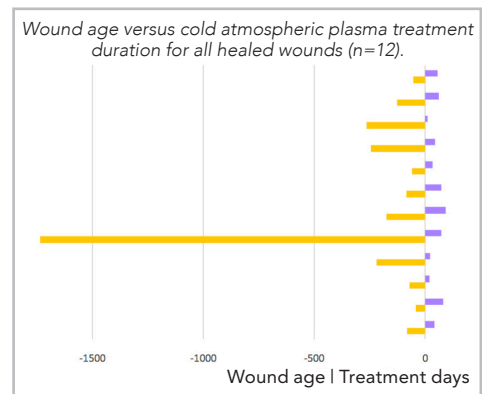
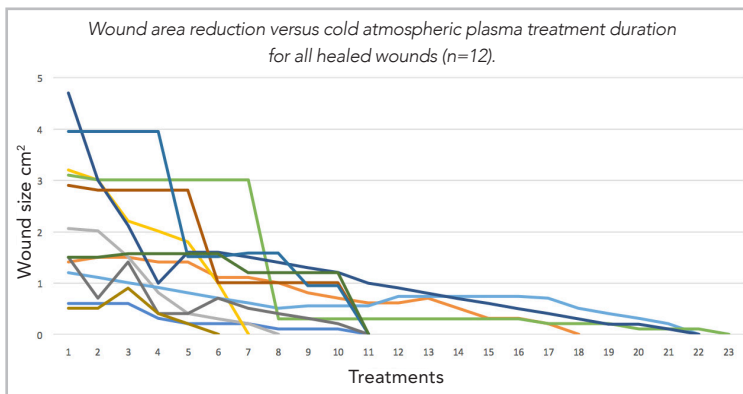
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653462.

Proud winner of the
Accenture Innovation Award
2016, Health & Well-Being



PROMISING RESULTS 20 CASE STUDIES: 60% OF HARD-TO-HEAL WOUNDS CLOSED!

The first results on 20 hard-to-heal wounds are very promising: **60% of the wounds healed completely** within **7 weeks and 13 treatments** (average). These hard-to-heal wounds existed on average for 65 weeks.



Source: Journal of Wound Care (Vol. 30, Issue 9)

PLASMA



PAD



2 MINUTES



PULSER



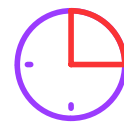
Underneath the cold plasma pad cold plasma is created in the wound. The pad is connected to the pulser that sends energy to the pad to create cold plasma.



Treatment is **safe**
and **well tolerated**



Low treatment costs



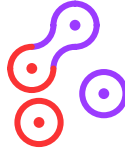
Treatment **fits**
in **regular consult**

WHAT IS COLD PLASMA

A cold plasma is created by adding electricity to a gas. Plasma exists in nature: lightning is plasma. With added energy a gas will ionize and form a cocktail of highly reactive species that react to their surroundings. For instance, it will kill bacteria, even antibiotic resistant ones. Cold plasma is called 'cold' because the temperature remains low. Plasmacure has developed a safe way to apply cold plasma directly in a wound.



Cold plasma **inactivates** biofilm and **kills** bacteria, even antibiotic resistant ones



Cold plasma **stimulates** cell proliferation



Cold plasma **improves** microcirculation

USERS TALKING AND CASE STUDIES



Patient story and video: www.plasmacure.nl/news

Patient Werd van der Horst and Ingrid Ruys, diabetes podiatrist at Máxima Medical Center in Veldhoven, the Netherlands, talk about the treatment of a large hole on Werd's foot. Two toes were amputated and a lot of extra tissue was also removed. This large wound had great result after treatments with PLASOMA.

Ingrid Ruys: "I see real progress in the wound, the wound closure is going extremely well."



80% Wound size reduction in 3 weeks. Wound closure in 4 weeks.



Wound closure in 3 weeks (from 3,2 cm² to 0 cm²).
Results: www.plasmacure.nl/case-studies

Bas Zeper, Founder:

"For people with a non-healing wound the quality of life is severely reduced. Plasmacure wants to help all people to heal their chronic wounds. Preventing amputations with ground-breaking technology, who wouldn't want to contribute to that?"

We welcome you for an interview with our Chief Medical Officer and a demonstration at our premises. Please contact us: info@plasmacure.nl

Press kit: www.plasmacure.nl/en/press
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www.plasmacure.nl

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wound healing