Lohmann & Rauscher

The Debrisoft® difference challenge – Subgroup analysis of a survey on the debridement of biofilm-infected wounds

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- Even if the clinicians were asked to follow the wound management pathway, 21% of them were only using the debridement pad without a antimicrobial treatment.

- 64% of the users followed the 2-weeks wound management pathway (*Group A*).
- 21% used Debrisoft alone (*Group B*).
- 15% did not give that information.

- This analysis compares these two groups, showing the impact of mechanical debridement in combination with antimicrobial treatment compared to mechanical debridement alone.

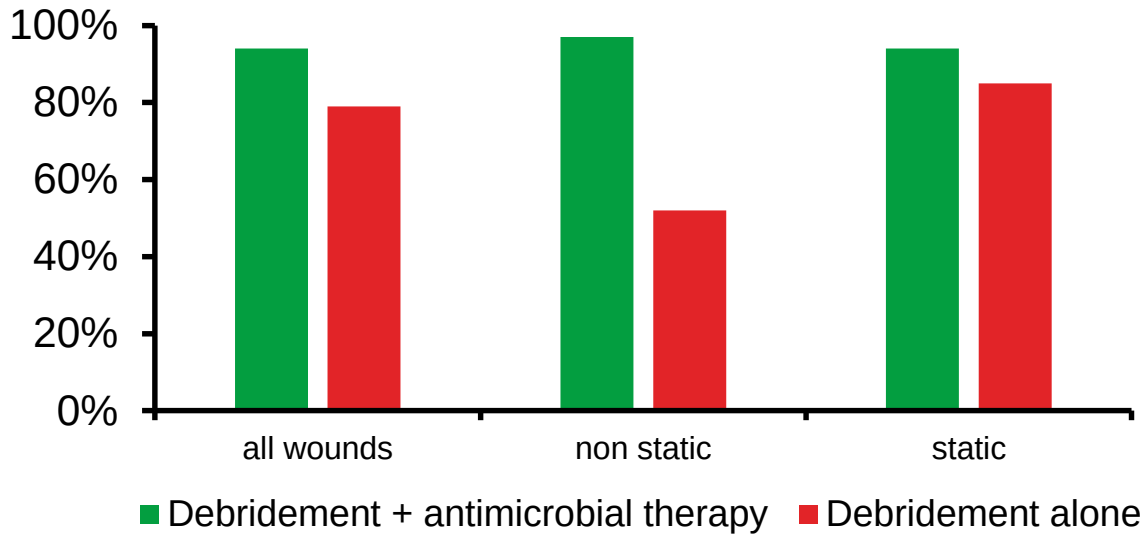
Scientific grant of Lohmann & Rauscher GmbH & Co. KG

Results

Visible change after 2 weeks

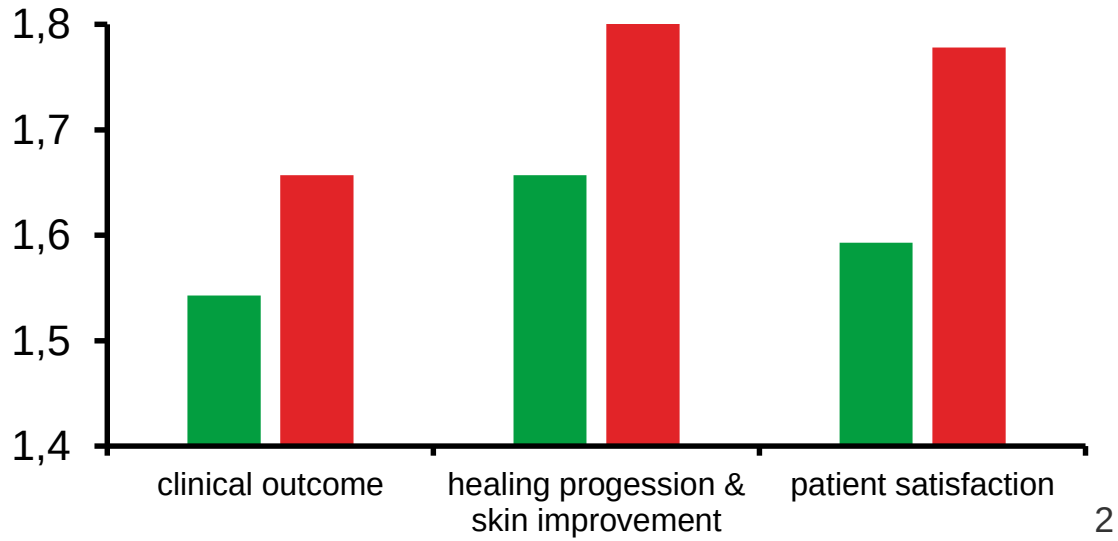
76% of the treated wounds were static/non-healing, 9% were non-static/healing, 15% of the users did not give that information.

- 94% of all wounds in *Group A* showed a visible change after 2 weeks, but only 79% in *Group B* ($p<0.0001$)
- non-static wounds: 97% of patients in *Group A* and 52% in *Group B* ($p<0.001$) showed improvement
- static wounds only: 94% of patients in *Group A* and 85% in *Group B* ($p<0.001$) showed improvement



On a scale of 1 (completely satisfied) to 5 (dissatisfied)

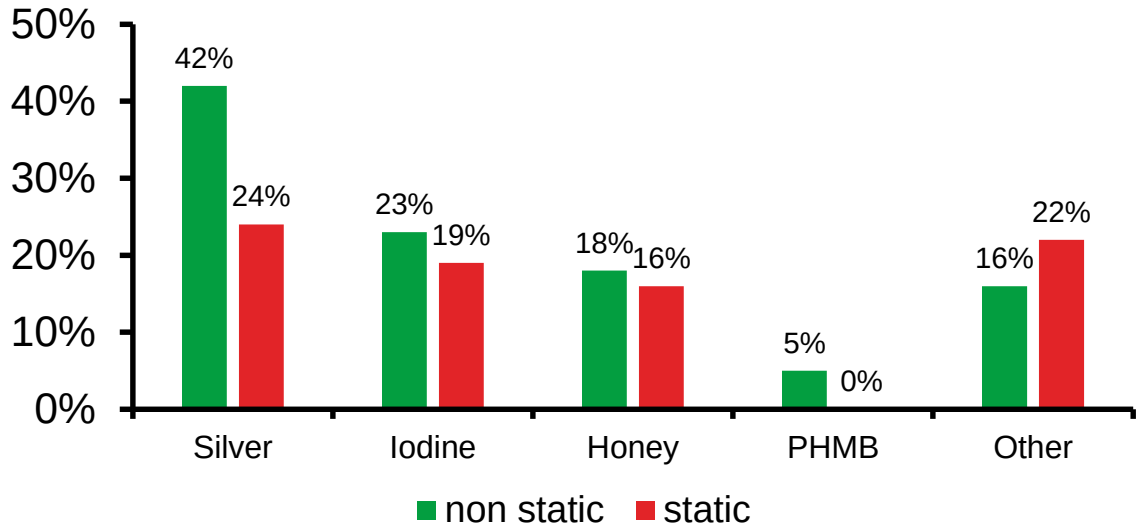
- The overall clinical outcome was rated 1.543 in *Group A* and 1.617 in *Group B*.
- The healing progression and skin improvement was rated 1.657 in *Group A* and 1,807 in *Group B*.
- The patient satisfaction was rated 1.593 in *Group A* and 1.778 in *Group B*.



Results

Antimicrobial therapy used

- Silver was used in 42% of all non-static/healing wounds and in 24% of the static/non-healing wounds.
- Iodine was used in 23% of all non-static/healing wounds and in 19% of the static/non-healing wounds.
- Honey was used in 18% of all non-static/healing wounds and in 16% of the static/non-healing wounds.
- PHMB was used in 5% of all non-static/healing wounds and not for static/non-healing wounds.
- Other antimicrobials were used in 16% of all non-static/healing wounds and in 22% of the static/non-healing wounds.



Conclusion

In conclusion the debridement with Debrisoft® shows its capability to put a biofilm-infected non-healing wound into the position to heal. By using mechanical debridement in combination with antimicrobial treatment by following the 2-weeks wound management pathway the positive effect is even more prominent.