

The role of chloramines in treatment of diabetic foot ulcers: an exploratory multicentre randomised controlled trial

Karin Bergqvist, Ulrica Almhöjd, Irene Herrmann and Björn Eliasson. *Clinical Diabetes and Endocrinology* (2016) 2:6 2016

ChloraSolv® is effective and can be used in conjunction with weekly dressings to improve healing of diabetic foot ulcers compared with current standard treatment

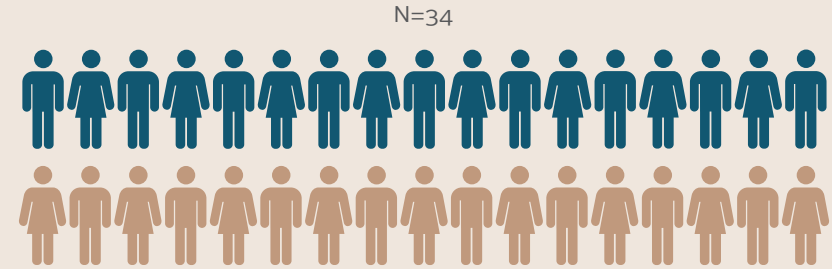
STUDY DETAILS

Method:

- Explorative open randomised controlled multicentre study
- Compare ChloraSolv® treatment with current standard of care for 12 weeks and follow up at 24 weeks

Population:

- Mean age 70, duration of diabetes > 20 years and foot ulcers 1.5 years



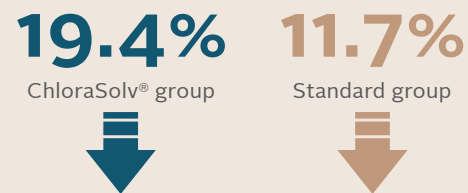
RESULTS

Ulcer size reduced at 5 weeks



Statistically significant difference between the groups (p=0.016 for relative reduction and p=0.024 for absolute reduction)

Weekly relative reduction of ulcer size



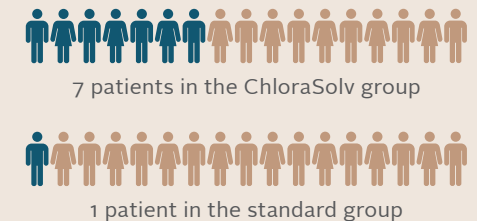
Statistically significant (p<0.0001 for both ChloraSolv® and standard and p=0.083 between groups)

Faster ulcer size reduction with ChloraSolv®



Statistically significant within the ChloraSolv® group after 2 weeks (p=0.026), after 8 weeks in the standard group (p=0.0023)

Improved healing with ChloraSolv®



At 9 weeks. Statistically significant (p=0.039)

CLINICAL IMPACT

- ✓ **No statistically significant differences** in signs of infection, pain, quality of life (EQ-5D), or incidence of adverse events
- ✓ **ChloraSolv® is effective**, particularly in the **early phase of the care of infected diabetic foot ulcers**
- ✓ It is **safe and easy to use** as an addition or alternative to sharp debridement
- ✓ It is a **fast treatment**

*(8) Patients were treated with ChloraSolv® and conventional dressing (ViTri Woundpad). Control group was treated as per International Working Group of Diabetic Foot guidelines i.e. advanced dressing with or without antimicrobial action and sharp debridement. Game, F. L., et al. "Specific guidelines on wound and wound-bed management 2011." *Diabetes Metab Res Rev* 28.Suppl 1 (2012): 232-233. ChloraSolv® is manufactured by RLS Global AB and exclusively distributed by Convatec. ©2022 Convatec. ®/TM indicate trademarks of the Convatec group of companies. AP-034367-MRL-GBL