

Early adoption of Collagen/ORC therapies improves clinical outcomes in both venous leg ulcers and diabetic foot ulcers.



Breda Cullen, Molly Gibson, Lorraine Nisbet
Systagenix, Gatwick, UK

ABSTRACT

Introduction: This multi-centre study of venous leg ulcers and diabetic foot ulcers was designed to investigate prognostic factors predictive of response to Collagen/ORC and Collagen/ORC/Silver treatment.

Methods: Diabetic foot ulcers and venous leg ulcers were treated with Collagen/ORC or Collagen/ORC/Silver for up to 12 weeks and wound area was measured on a weekly basis. In this study we used 2 outcome measures; response to treatment, and complete healing. Response to treatment was based on percentage reduction after 4 weeks of treatment and healing at week 12. Diabetic foot ulcers achieving at least 50% reduction in wound area over the first 4 weeks, or venous leg ulcers showing at least 30% reduction in wound area over the first 4 weeks were classed as responders, wounds not achieving this percentage reduction were classed as non responders. Healing was defined as 100% epithelialisation.

Results: Week 4 data was available for 95 patients, but due to 8 patient withdrawals there were 87 patients available for week 12 analysis. 24 patients had diabetic foot ulcers, all of which were treated with Collagen/ORC/Silver and 71 patients had venous leg ulcers, which were treated with either Collagen/ORC or Collagen/ORC/Silver. The overall rate of responders was 65% (62/95), which is increased to 79% (42/53) if wounds older than 6 months are excluded. 53% (46/87) of wounds healed by week 12 of the study. By restricting the population to wounds of 6 months duration or less, the healing rate increased to 73% (35/48).

Conclusion: This study has shown that early treatment of chronic wounds with Collagen/ORC or Collagen/ORC/Silver leads to increased rates of healing. In the first 6 months of a wound, the ability to heal is greatest with the use of advanced treatments such as Collagen/ORC with a healing rate of 73%. Early adoption of these advanced therapies such as Collagen/ORC and Collagen/ORC/Silver for both venous leg ulcers and diabetic foot ulcers has been shown here to improve clinical outcomes.

OBJECTIVE

- To examine the effects on efficacy of early adoption of Collagen/ORC therapies on diabetic foot ulcers and venous leg ulcers

EXISTING EVIDENCE

Randomised controlled trials have shown Collagen/ORC and Collagen/ORC/Silver to be more effective than control treatments on both venous leg ulcers and diabetic foot ulcers.

- Collagen/ORC therapy has been proven to be more effective than control therapy.
- However, there are some wounds that do not respond to therapy.
- Could earlier treatment improve the effectiveness of Collagen/ORC or Collagen /ORC/Silver?

How to Increase the Number of Responders?

A prospective clinical study showed that Collagen/ORC and Collagen/ORC/Silver are more effective when used early³

- Therefore, results from 3 studies have been combined to determine the effect of early treatment of Collagen/ORC on venous leg ulcers and diabetic foot ulcers.

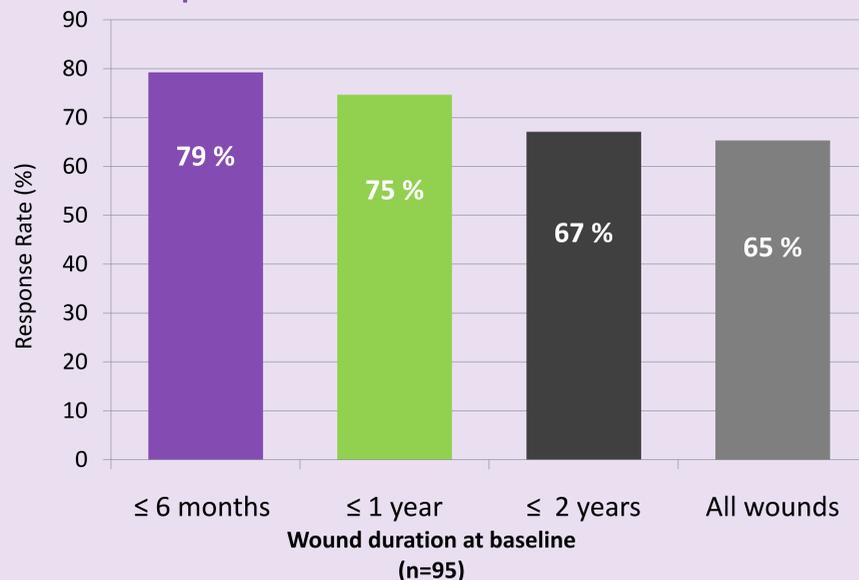
CLINICAL STUDIES

Wound Type	Treatment	Patient number
Diabetic Foot Ulcers ²	Collagen/ORC/Silver	Week 4 n=24 Week 12 n=23
Venous leg ulcers ³	Collagen/ORC/Silver or Collagen/ORC (randomised 1:1)	Week 4 n=56 Week 12 n=50
Venous leg ulcers ⁴	Collagen/ORC/Silver	Week 4 n=15 Week 12 n=14

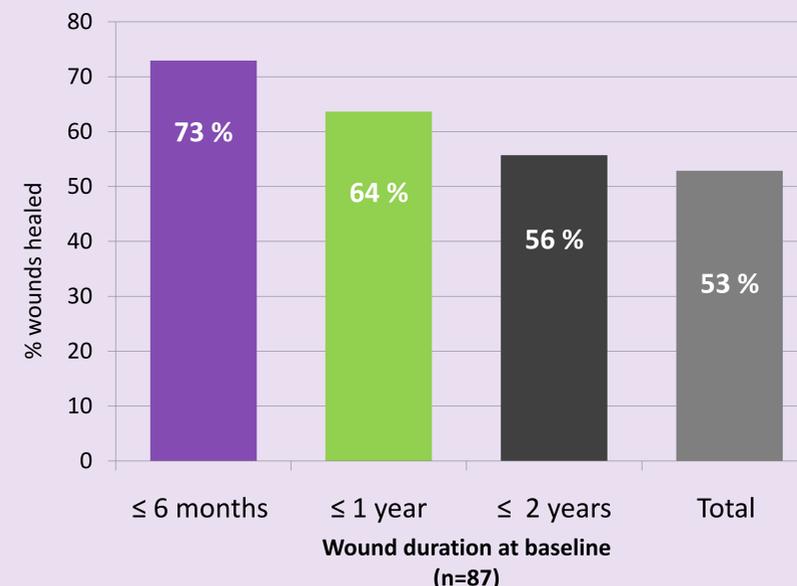
CLINICAL ENDPOINTS

- Responders were defined as 30% (venous leg ulcers) or 50% (diabetic foot ulcers) reduction in wound area by Week 4 of the study. Research has shown this measure to be a good predictor of wound healing⁵.
- Healing: 100% epithelialisation by week 12

Early treatment with Collagen/ORC or Collagen/ORC/Silver increases response rate



73% of Wounds ≤6 months old healed



CONCLUSIONS

- Randomised controlled trials have shown that Collagen/ORC therapies are more effective than standard care.
- The efficacy of these therapies can be further improved by more appropriate usage.
- Early adoption of Collagen/ORC and Collagen/ORC/Silver improves clinical outcome; wounds treated within the first 6 months showed a 73 % healing rate.
- PROMOGRAN® and PROMOGRAN PRISMA® are the only Collagen/ORC dressings available

References
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