

Disclosures	
None	
Sentara 🐠 Transmission Research	



Background

While the use of hyperbaric oxygen therapy has been supported by randomized prospective trials for the use of selective lower extremity wounds, it is associated with significant cost, inconvenience and has an incidence of complications related to increased systemic pressure

It is not recommended to routinely apply hyperbaric oxygen therapy to all patients with diabetic foot ulcers, especially those with non-ischemic diabetic foot ulcers.

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Conclusions

- Topical Oxygen Therapy combined with Cyclical Compression and Humidification provide a new option for poorly healing arterial and venous wounds
- This had lead to an improvement in:
- Arterial and venous ulcer healing rates and complete ulcer healing
- Decreased ulcer recurrence rates
 Decreased level of hospitalization for infected diabetic foot wound venous ulcers
- Decrease rates of amputation
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