

MODELLING THE COST-EFFECTIVENESS OF ELECTRIC STIMULATION THERAPY IN NON-HEALING VENOUS LEG ULCERS

Care of non-healing venous leg ulcer (VLU) can be expensive. Some interventions may add cost but, if they are efficacious, may result in **lower overall treatment costs**.

The objective was to estimate the cost effectiveness of **Accel-Heal®** in treating chronic, non-healing VLUs of > 6 months' duration



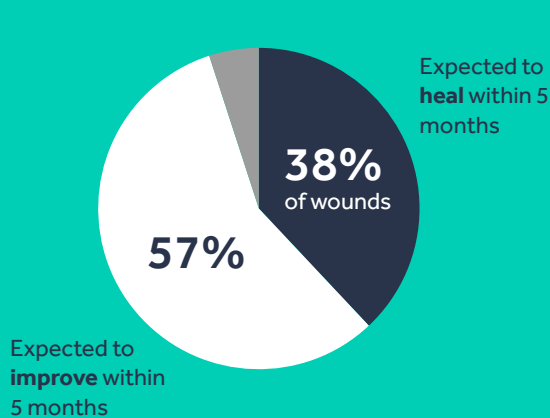
N=21 all with VLUs of greater than 6 months duration.

Mathematical model (Markov model) compared two treatment regimes:



Outcomes at 5 months and associated treatment costs were **predicted** by the model.

AFTER TREATMENT WITH ACCEL-HEAL®:



Nursing visits reduced from 49 to 36 per patient over 5 months



Costs reduced from £880 to £749 per wound

Use of Accel-Heal® is potentially a cost-effective treatment for the NHS, when managing chronic, non-healing VLUs of > 6 months' duration. Treatments regimens supplemented with Accel-Heal® were more cost-effective compared with patients remaining on a gold standard care plan.

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