New HydroBalanced wound concept study in primary sector

An impartial company has carried out a third party study in the local community of Soria in Denmark with 28,366 inhabitants. For a period of 3 months the home care units standard range of products for wound care was replaced by the concept from a German company based on a HydroBalance bandage.

RESULTS ECONOMICS

Project journals (all wounds except superficial uncomplicated wounds)
The study has shown an economical advantage using the concept regarding both the cost of wound care products and expenses for nursing hours.

Community (all wounds)
The average of products from the HydroBalanced concept used during the study period compared with the average expenses using standard range products has not shown an economical advance in spite of decreased number of wound care patients and less nursing hours.

AIM
The primary aim was to evaluate the economy, as this has not been studied before and to evaluate pain reduction mainly based on 15 case studies.

METHOD
- Detailed project plan.
- All personnel treating wounds were instructed how to use the products.

RESULTS PAIN REDUCTION
The study has shown considerable pain reduction for patients with painful wounds.

- In the community 29 patients have been reported with painful wounds.
- 22 reported pain reduction using the new concept.
- 7 reported no change.
- No cases of worsening were registered.

Pain reduction, community, 29 Patients

- In 15 case studies 13 patients reported having pain – for these 13 patients pain was completely relieved.
- 12 of the 15 patients took prescribed medicine for wound pain. None of these 12 patients needed prescribed medicine after using the new concept.

Pain reduction, 15 case studies

CONCLUSION
The study has shown:
- that the concept can be successfully implemented in practice, by a large group of non-specialised wound treatment personnel, based on close project planning and high information level.
- a good economical outcome regarding nursing time, raising the question of when to use the bandage.
- excellent pain relief ability.