

New HydroBalanced wound concept study in primary sector

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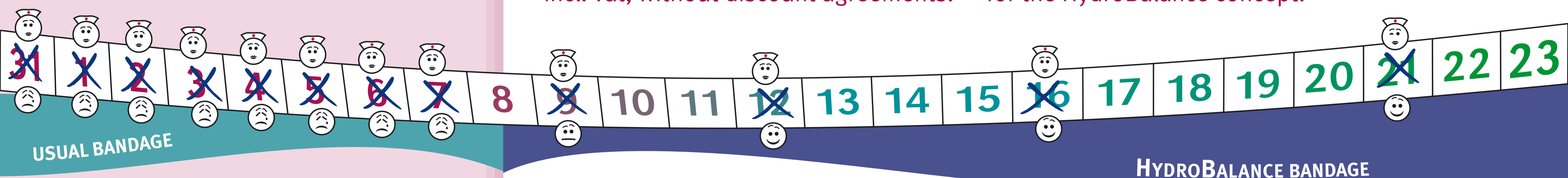
An impartial company* has carried out a 3rd party study in the local community of Sorø in Denmark with 28.366 inhabitants. For a period of 3 months the home care units standard range of products for wound care was replaced by the concept from a German company** based on a HydroBalance bandage.***

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 personal treating wounds were instructed how to use the products.



- All relevant parties were informed including doctors and hospitals.
- Wound products were replaced at the home care service.
- 40 citizens had wound care journals which were replaced by project journals during the study.
- 15 patients were chosen for case studies.
- Throughout the study the impartial company's* wound care specialist nurses and a product specialist nurse from the German company** could be contacted.
- All nurses received feedback and information on a regular basis.
- All personal treating wounds in the community evaluated the concept by questionnaire.

Inclusion: All wound care patients attended to by the Sorø home care service.

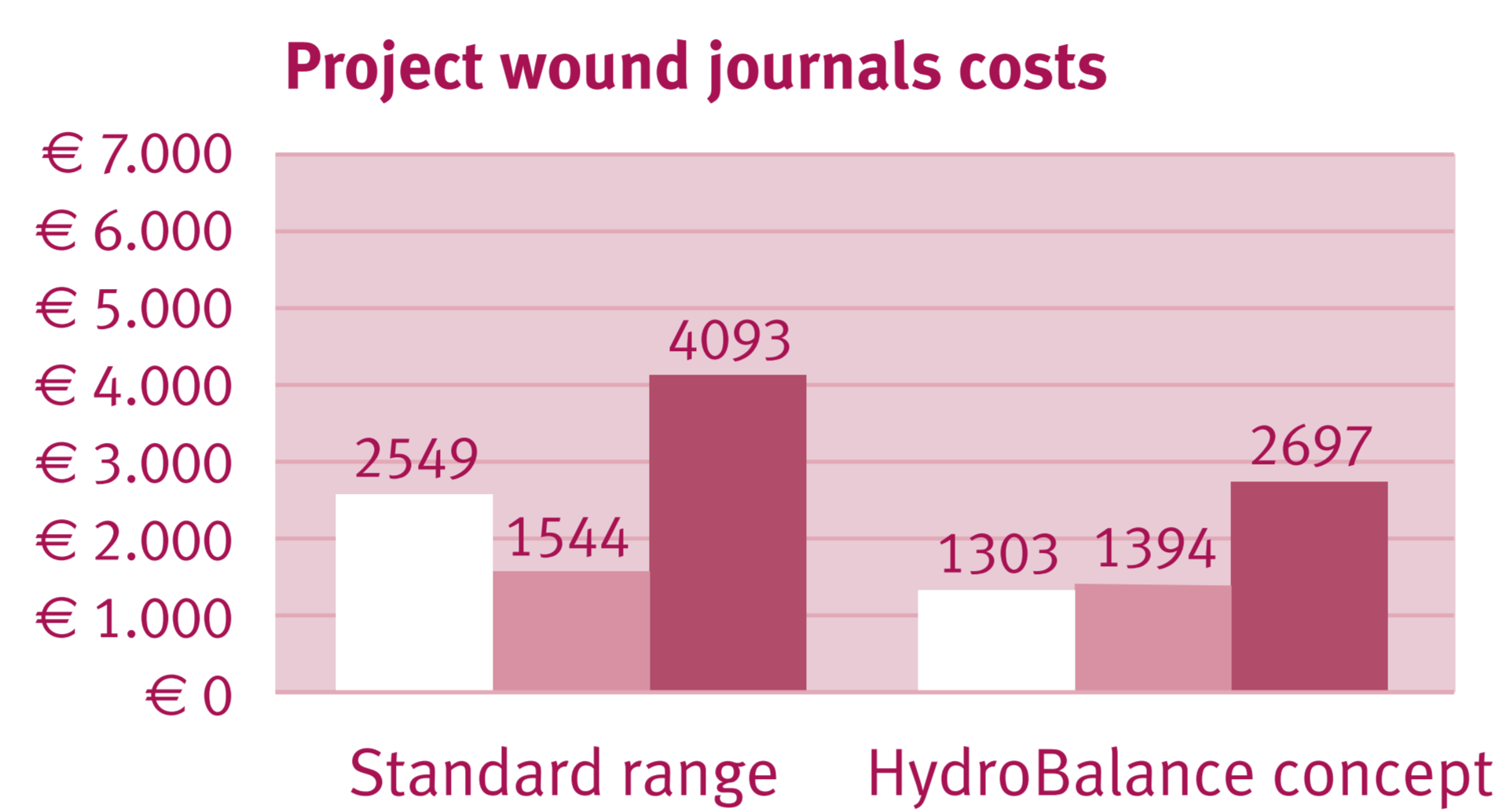
Exclusion: Patients whose prescribing doctors maintained other treatments.

* KvaliCare
** Lohmann & Rauscher
***Suprasorb X and Suprasorb X phmb

RESULTS ECONOMICS

Project journals

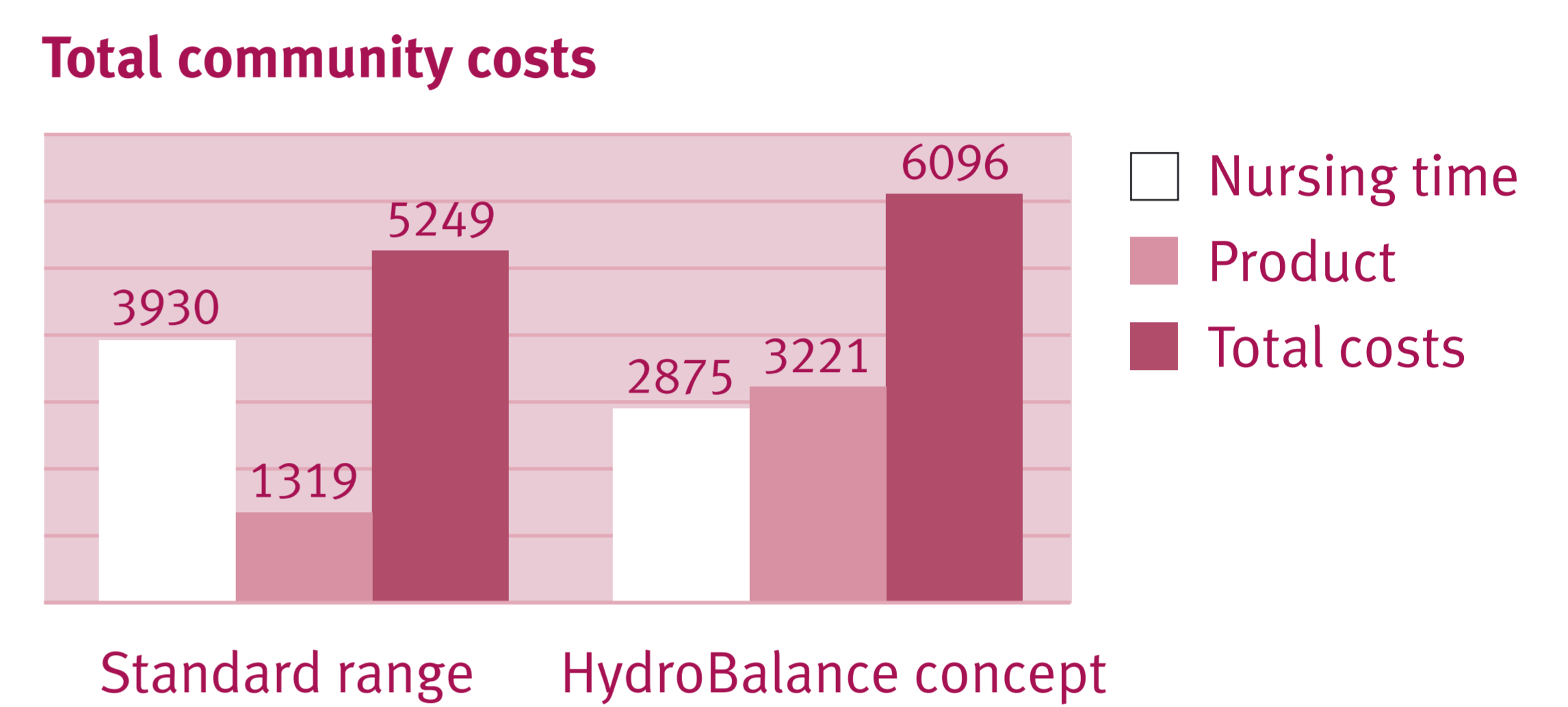
The study has shown an economical advantage of using the concept both regarding the cost of wound care products and expenses for nursing hours based on the project journals



All economical calculations on all products are based on list prices incl. vat, without discount agreements.

Community

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.



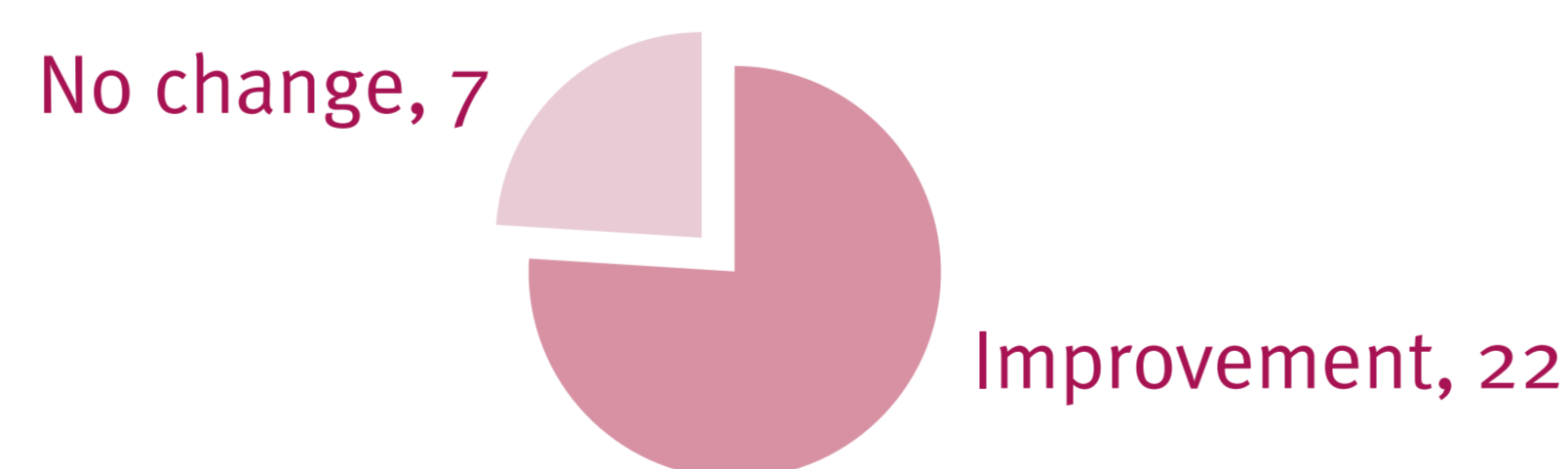
Product waste due to starting up and learning how to use the products is included for the HydroBalance concept.

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



- A questionnaire was filled out by 30 home care nurses.
- 15 home care nurses estimated that the new concept provided a more effective pain relief than the bandage normally used by the patients.
- 13 home care nurses answered “do not know”, due to not having treated patients with pain.
- 1 nurse found the concept less effective than the usual bandage, and one nurse did not answer.

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.

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