

A preliminary review of evaluations following use of Exsudex™ wound drainage

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Preliminary results

15 case reports demonstrating the effectiveness of Exsudex™ as both a drainage device and for the application of topical negative pressure.

Vast numbers report the effectiveness of topical negative pressure as a wound therapy.

Exsudex™ is unique in being marketed as a drainage device specifically aimed at managing large volumes of exudate in wounds which may/may not be appropriate for TNP therapy.

Deleterious effects of wound exudate

Maceration / excoriation –
Reddening/loss of colour, spongy texture,
loss of skin surface
(WUWHS, 2007)



Options to manage wound exudate

- ◆ Absorbent dressings.
- ◆ Fluid collection devices; wound drainage bags.
- ◆ Drainage / TNP device

(WUWHS, 2007)

Settings for Exsudex™ use

- ◆ Acute hospital
- ◆ Community hospital
- ◆ Nursing Home
- ◆ Community

Comparison of initial and final wound size

Initial wound size	Final wound size
41.4	6.96
71	10
418.6	92.16
630	72
20.25	3
54	0
72.5	65.1
75	27
35.6	30.1
720	273
45.6	43.2
480	120
108	10
580	580

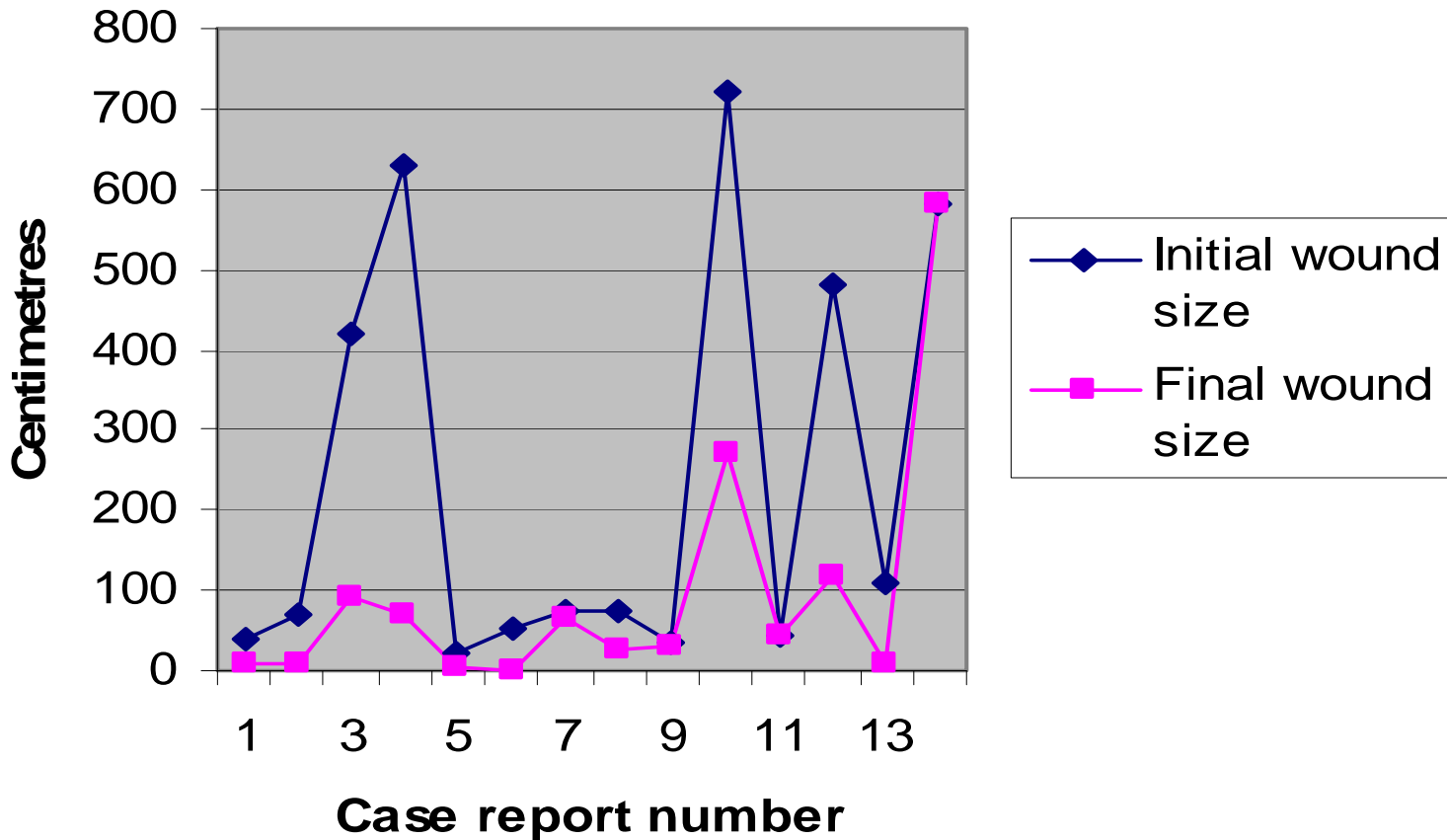
In the wounds where Exsudex™ has been used as a topical negative pressure device there is a considerable decrease in wound size

When used as a drainage device the size remains unaltered

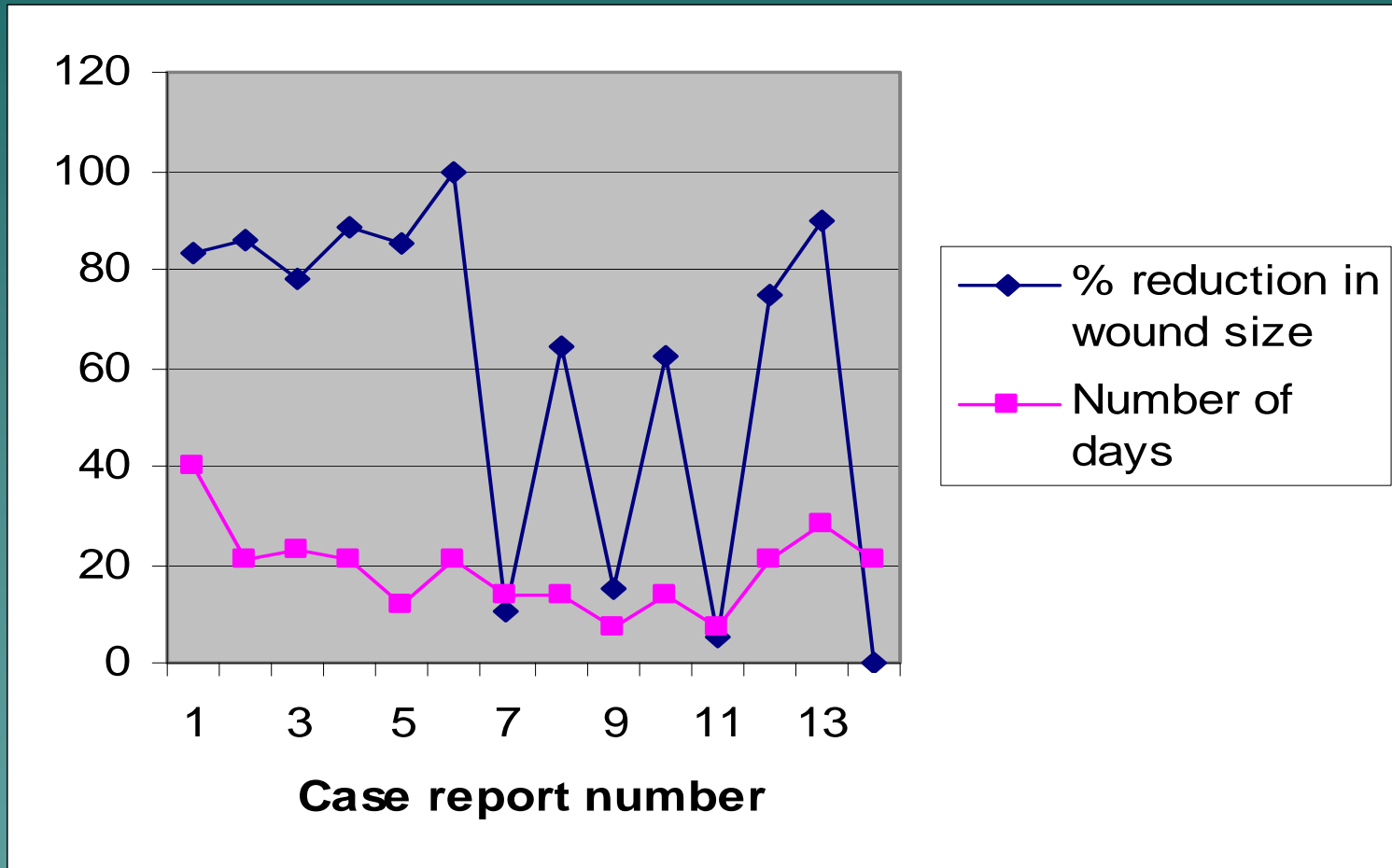
Patient dying, Exsudex™ used as drainage device, remained in situ 9 days



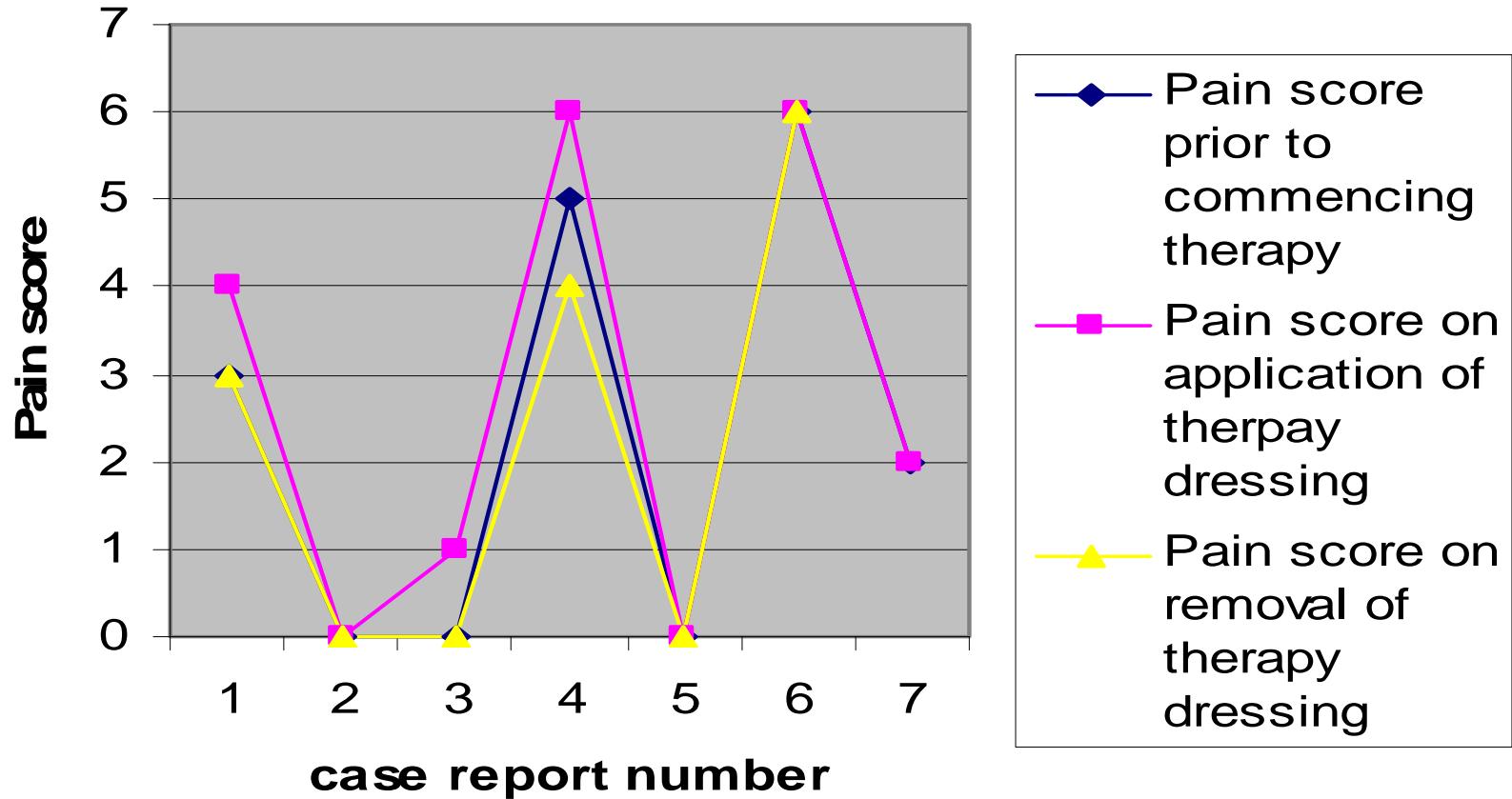
Comparison of initial and final wound size



Percentage reduction in wound size



Pain score (NRS)



Examples of Case reports

Mr B. Scapula Pressure ulcer, post collapse



Mr F. Diabetic. Foot ulceration



7 days



Mrs H. wound breakdown post A-P resection of bowel.



Difficult wound
Access, 2 apertures,
Each less than 2 cm
diam, leading to a
Large underlying
cavity, approx. area
Of 720cm

Clinician comments

- ◆ Kerlix® dressing conforms easily to wound contours.
- ◆ Enables use of topical negative pressure in wounds with small apertures overlying large cavities.
- ◆ Some initial difficulties in application, securing seal with film drape around tubing, overcome by persistence /familiarity
- ◆ Acceptable to patients who previously refused other forms of TNP.
- ◆ No bleeding identified from granulation tissue on removal of dressing
- ◆ Value for money & effective
- ◆ Difficult to achieve seal on sacral sore, achieved using Exsu-seal™

Patient Comments

- ◆ 'Comfortable, prevented clothes becoming stained'.
- ◆ 'Appreciate not having to go through twice daily dressing changes & clothes messed'.
- ◆ 'Very happy with rapid progress of wound with new treatment, I wondered if it was ever going to improve'.
- ◆ 'Less painful to remove than the other suction dressing' – 2 patients.

Conclusion

- ◆ A range of TNP devices exist.
- ◆ By selecting to use only one type of TNP device a practitioner narrows their options in wound management.
- ◆ A TNP device with a dual purpose as a drainage device offers significant benefits.