

OXYZYME® CASE STUDY PROGRAMME

OXY-CS040/01: THE USE OF OXYZYME® ON CHRONIC WOUNDS



- 19 year old male
- Scar breakdown (arm)
- 12 month duration

HEALED



Patient MB is a 19 year old male who presented with a breakdown of a burn scar of 12 months duration.

Medical History: 48% total body surface area electrical burn, acute renal failure, severe pancreatitis

Current Medication: Loretidine, Ascorbic acid, Prozac, Paracetamol, Atarak, Durogesic, Multivitamins

Previous Dressings: Aquacel AG, Flammazine, Mepilex



On entry into the case study programme the wound was described as non healing, located on the patients arm. The wound area was 9 cm². The wound bed was assessed as 100% sloughy tissue. The surrounding skin was scar tissue following his burns. Pain was assessed to be 1 at the start of the study.

Oxyzyme was applied and covered with Mepilex. The dressing was to be changed 3 times per week.



Fig. 2. Wound on entry to study.

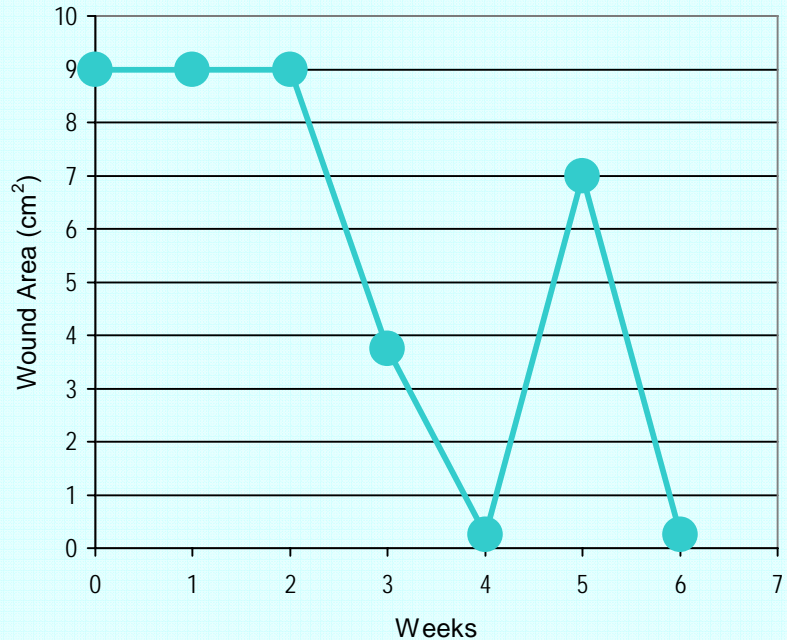


Figure 1: Wound area progress.



Week 1



Fig. 3. Wound at week 1.

The wound showed dramatic changes in the first week. The bed became more reddened. The slough was debrided leaving 10% slough present. Healthy granulation tissue was visible to the wound bed. Epithelialisation was evident to the wound margins. The wound measurements remained the same as at the start of the case study.

Week 2



Fig 4 wound at week 2

Wound measured 9 cm². Although there was a clear line of healthy demarcation between the wounds making it appear that there are 2 separate wounds. The Mepilex was slipping slightly so Mefix was used to secure the foam in place.

OXYZYME® CASE STUDY PROGRAMME

OXY-CS040/01: THE USE OF OXYZYME® ON CHRONIC WOUNDS



“Skin appeared fragile and unhealthy” Oxyzyme recommenced.

Week 3



Fig 5 wound at week 3

The wound continued to improve. The wound bed was completely epithelialising and measured 3.75cm².

Week 4



Fig 6 wound at week 4

Oxyzyme not applied during this week as wound had virtually healed. Measured .25cm².

Week 5



Fig 7 wound at week 5

Wound deteriorated this week having not used Oxyzyme; measured 7cm².

Week 6



fig 7 wound at week 6

Wound has improved and was described as almost healed. The wound was assessed as measuring .25cm².



The investigator felt that overall the product performed better than other dressings used on similar wound types.

The dressing “appeared to kick start the wound and when not used the area broke down and deteriorated”.



The investigator and the patient were pleased with the rapid improvement in the wound.