

## Improving Graft Take to Burns on the Hand with Acticoat Flex 3

### Introduction

Full thickness burns on the hand require debridement and skin grafting. Negative pressure wound therapy (NPWT) can be used to help with graft stability and take, with a variety of non-adhesive interface dressings being used. Prior interface dressings in our unit displayed signs of maceration and graft instability. Acticoat Flex 3 contours to maintain contact with the wound surface, has broad spectrum antimicrobial activity and allows exudate transport through the dressing.



### Results

Day three post procedure, the patient had excellent graft take, nil signs of infection and minimal exudate. The graft was very secure and stable with no signs of shearing damage or graft loss. A thermoplastic splint was used and the patient healed well and is currently working with the hand therapists. Our unit has noticed increased graft take and less macerated graft beds since using Acticoat flex 3 under NPWT.

### Case

A 22 year-old male had a full thickness friction type burn to the dorsum of his dominant hand when it was caught in the conveyor belt at work. The ring and little finger were involved as well as the fourth web space. A split skin graft was taken from the thigh, inset and then Acticoat Flex 3 was used under a VACC negative pressure dressing.



### Conclusions

Acticoat Flex 3 is an effective interface dressing when using NPWT and helps to increase graft take, stability and reduce infection in burn patients.