

UNO+ HYBRID DRESSING

HAND CASE STUDY IN MEXICO

Hand wounds are notorious for causing contractures when a wound is healing as the patient does not use the hand due to pain or fear of causing problems to the wound.

Brown E.Z. (1986) noted that complications of hand wounds can be divided into two groups, those associated with the wound bed and those associated with flap failure.

Complications are rare if the area is prepared well prior to surgery, however complications can be seen from hematoma's between the wound bed and graft, poor vascular supply, or shearing and friction.

The thicker the flap the longer the area takes to heal which potentially can lead to kinking or tension of the skin causing excess scarring.

Negative Pressure Wound Therapy (NPWT) providing a lateral downward force with the hybrid dressing can alleviate these problems leading to successful healing, less scarring and full mobility while the hand is healing.

History

Patient needed a skin graft which is shown in Figure 1. Following placement of a skin graft, patients have the potential to develop bleeding under the graft, displacement due to swelling or fluid collection, loss of sensation, scarring and uneven skin surfaces.

Recently published work highlighted that the use of a one piece silicon contact layer dressing with the use of **NPWT** can decrease the incidence of problems for skin grafting.



Figure 1

Figure 2

Figure 3