

RENASYS[®] WOUND+ Dressing Kit with AIRLOCK[®] Technology successfully utilized to promote healing on an open surgical wound following amputation to a lower limb

Presentation

A 58-year-old male with a previous medical history including hypertension and peripheral vascular disease/critical limb ischemia presented with a wound to the left foot following femoral-tibial bypass with fifth toe amputation



Treatment

- RENASYS negative pressure wound therapy (NPWT) was initially utilized at -80mmHg before transitioning to
 - 100mmHg at subsequent follow-up visits
 - Continuous NPWT mode was used throughout the treatment duration
- The small RENASYS WOUND+ Dressing Kit was utilized for this open surgical wound
 - Dressing measures 17 x 22cm with 10 x 15cm AIRLOCK[®] Technology area within
 - During treatment, the patient experienced 5 adverse events*
- Healthcare professionals noted that the product was very easy to apply at baseline
 - Device initially set to -80mmHg pressure setting in continuous mode
 - Subsequent treatments were also used at -100mmHg in continuous mode



prior to initiating treatment with RENASYS WOUND+ Dressing Kit



LWD:
4.5 x 4.2 x 0.9cm

Figure 1

Outcomes



Healthcare professionals were impressed with the results following treatment and exceeded expectations

"All areas healed around the wound and the main area at a high rate, better than I would have expected"



63% reduction
in wound size at the final visit (week 3)

Assessment



1 week

after initiating treatment with
RENASYS[®] WOUND+ Dressing Kit



Formation of granulation tissue since baseline assessment observed.

LWD:
4.8 x 4.3 x 0.3cm

Figure 2



2 weeks

after initiating treatment with
RENASYS WOUND+ Dressing Kit



Increase in granulation tissue observed compared to previous assessments. Wound size reducing

LWD:
4.5 x 3.4 x 0.4cm

Figure 3



3 weeks

after initiating treatment with
RENASYS WOUND+ Dressing Kit



Granulation tissue continues to have increased since baseline and Week 1 post treatment. Wound size continued to progress toward healing at last visit.

LWD:
4.1 x 3.1 x 0.5cm

Figure 4

Summary

RENASYS WOUND+ Dressing Kit, utilizing negative pressure wound therapy, was successfully used to manage and promote healing during the observed time period in an open surgical wound following femoral-tibial bypass with fifth toe amputation.

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* 5 adverse events included 4 incidences of water blister and 1 incidence of maceration that were possibly device-related, linked to delayed wound healing.

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RENASYS WOUND+, Dressing Kit case study #1