NPWT Case Series

EXPERIENCES WITH INVIA MOTION

Invia Motion – Negative Pressure Wound Therapy

Precious life – Progressive care

Chronic sacral pressure ulcer

Case Study 1

Male, 62 y

23 days of
treatment

12 dressings
6 canisters

Pressure level:
-125 mm Hg

The device was used in a home environment and dressed by a wound specialist at the wound clinic

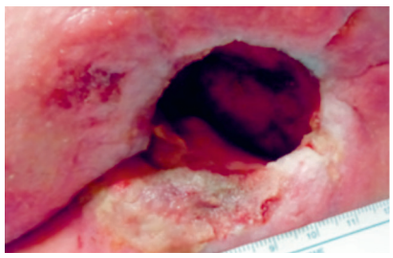
Date 01/21/13

2 month old, non-infected sacral pressure ulcer. Previous wound treatment included wet-to-moist dressings.

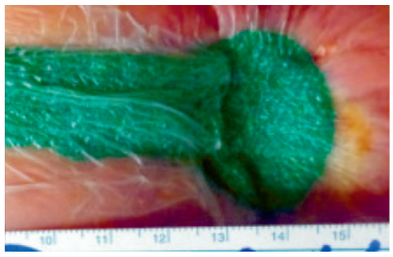
The wound is 5 cm in length, 3.5 cm in width and 3.5 cm in depth, with moderate exudate and is debrided prior to NPWT.

The wound was dressed with foam using a bridging technique to attach the transfer pad. Dressings were changed twice weekly.

Pressure level set at -125 mm Hg.



01/30/13



01/30/13

Date 02/13/13

Wound reduced to
4.5 cm x 3.5 cm x 3 cm.

02/13/13

“The device is very easy to use and very quiet during operation. The patient found it was a good system and would use it again if it was offered.”

Cheri Moore, Clinician
Sparrow Medical

Dehisced abdominal wound

Case Study 2

Male, 25 y

14 days of
treatment

4 dressings
4 canisters

Pressure level:
-80 mm Hg
Fully mobile

The system was used in
a home environment
and dressed by a
wound specialist at
the wound clinic

Date 01/28/13

25 day old, non-infected dehisced surgical wound after hernia repair. Previous wound treatment included hydrofiber and gauze dressings.

The wound is 0.8 cm in length, 3.8 cm in width and 1 cm in depth, with moderate exudate levels. There is a tunnel at each side of the wound, respectively 1.2 cm and 0.9 cm deep.

The wound was dressed with gauze dressings. The dressings were changed twice weekly.

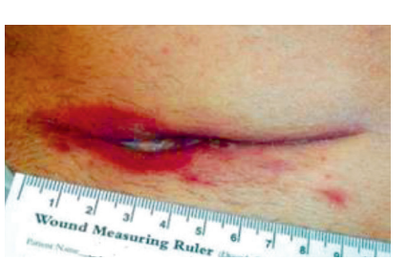
Pressure level set at -80 mm Hg.

01/28/13


02/04/13

Date 02/04/13

Good wound progression.



02/04/13

Date 02/11/13

The wound is reduced to 0.5 cm in length, 0.8 cm in width and 0.5 cm in depth after 2 weeks of treatment. The wound is considered healed and it is decided to stop the negative pressure wound treatment.

02/11/13

"The patient found the system very light and portable. It was very easy to use and comfortable. He was very satisfied with this solution."

Pat Watson, Clinician
Columbia Medical Equipment

Diabetic foot after toe amputation

Case Study 3

Female, 59 y

26 days of
treatment

12 dressings
10 canisters

Pressure level:
-125 mm Hg
Fully mobile

The device was used in a home environment and dressed by a wound specialist at the wound clinic

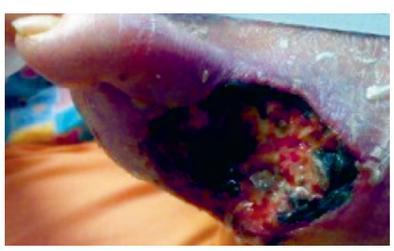
Date 01/30/13

21 day old, non-infected amputation wound of the 5th digit of the foot. Previously treated with iodine impregnated gauze.

The wound is 4.8 cm in length, 3.6 cm in width with moderate exudate levels. Only 10% of the wound is covered with granulation tissue.

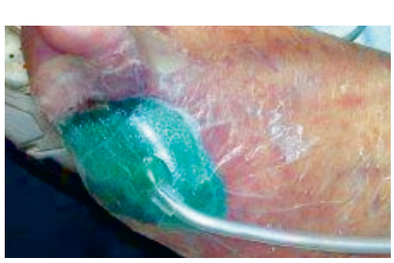
The wound was dressed with Avance Foam dressings and dressings were changed 3 times per week.

Pressure level set at -125 mm Hg.



01/30/13

02/04/13



02/04/13

Date 02/25/13

The wound is reduced to 4.8 cm in length, 3.2 cm in width after 4 weeks of treatment. There is significantly more granulation tissue present (estimated at 40%). NPWT was stopped and the treatment was continued with alternative wound dressings.

02/25/13

"The device buttons are very easy to operate and the info on the screen is very intuitive. The patient found that the system was very quiet during operation. She was very satisfied with this solution."

Pat Watson, Clinician
Columbia Medical Equipment

Infected surgical wound, left open to heal by secondary intention

Case Study 4

Male, 43 y

24 days of treatment

13 dressings
7 canisters

Pressure level:
-80 mm Hg
Fully mobile

The system was used in a home environment and dressed by a wound specialist at the wound clinic

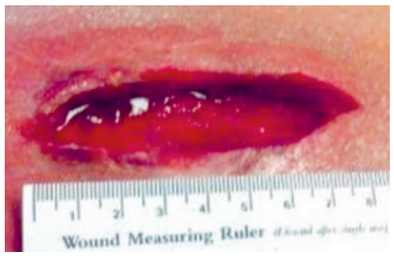
Date 01/21/13

2 day old, surgical excised abscess following a trauma wound with external fixation in combination with an alternative NPWT system. Antibiotic treatment was given.

The wound is 8.5 cm in length, 2.4 cm in width and 1.7 cm in depth with light exudate levels. Invia Motion is applied to support the patient discharge from the hospital.

The wound was dressed with gauze dressings and dressings were changed 3 times per week.

Pressure level set at -80 mm Hg.



02/08/13

02/11/13

Date 03/04/13

The wound is reduced to 6.7 cm in length, 1.7 cm in width and 0.3 cm in depth after 4 weeks of treatment. NPWT was stopped and the treatment was continued with alternative wound dressings.

02/27/13

"Invia Motion is very quiet during the treatment and very light and portable. This system is much easier to carry than the one I had in the hospital."

Pat Watson, Clinician
Columbia Medical Equipment

Management of trauma wound

Case Study 5

Male, 24 y

15 days of treatment

7 dressings
7 canisters

Pressure level:
-80 mm Hg

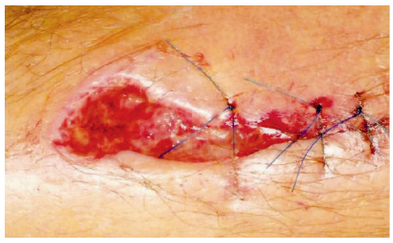
The patient was discharged from the hospital after 4 days

Date 06/07/12

2 week old trauma wound (8cm x 2cm) with an abscess. Surgically debrided prior to NPWT.
Infection treated with IV antibiotics

The wound was dressed with gauze with twice weekly dressing changes and treatment was administered with a disposable system.

Pressure level set at -60 mm Hg.



06/07/12

Date 06/11/12

The wound had an excellent vascular supply with sinus still apparent. A little difficulty was found in obtaining a seal adequately, and together with the knowledge that there had been a little pooling of fluid, it was decided to increase the pressure to - 80 mm Hg. Patient was discharged home to attend for regular dressing changes.

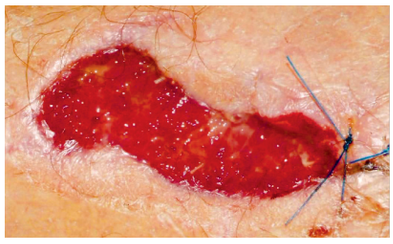
Date 06/15/12

3rd dressing change – wound continued to improve and no obvious exudate was present at dressing change. Wound had less depth present and granulation tissue visible.

06/15/12

Date 06/18/12

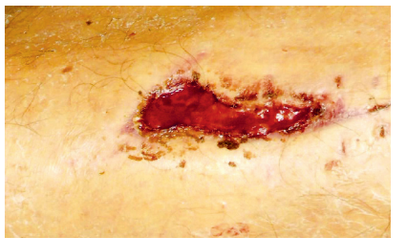
4th dressing change – wound appeared clean and again had less depth than previous.



06/18/12

Date 06/22/12

Topical negative pressure ceased as wound extremely shallow with all sinus closed and signs of wound contraction evident.
Wound further treated with advanced wound dressings.



06/22/12

"Invia Motion offers the patient much more mobility compared to alternative NPWT pumps. It was easy to use and provided me true negative pressure."

Carol Johnson, Clinician
Tissue Viability, County Durham and Darlington NHS Foundation Trust

Acknowledgement for site clinicians:
Page 2: Cheri Moore, Clinician (Sparrow Medical)
Page 3: Pat Watson, Clinician (Columbia Medical Equipment)
Page 4: Pat Watson, Clinician (Columbia Medical Equipment)
Page 5: Pat Watson, Clinician (Columbia Medical Equipment)
Page 7: Carol Johnson, Clinician (Tissue Viability, County Durham and Darlington NHS Foundation Trust).

The Invia Motion NPWT System developed by Medela AG (Baar, Switzerland) is available for sale in the US and Canada.
The same system is available for sale under the brand Avance Solo outside of the US and Canada.

CE 0123

Medical Vacuum Technology
for Healthcare Professionals

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