

# June 2016

# Case Study on Patient A25 Using Nisus Negative Pressure Wound Therapy System

### Wound Type

Non-healing Surgical Wound / Pilonidal Cyst

Location: Gluteal Fold

Date Wound Acquired: 02/16/16

Patient Age: 26

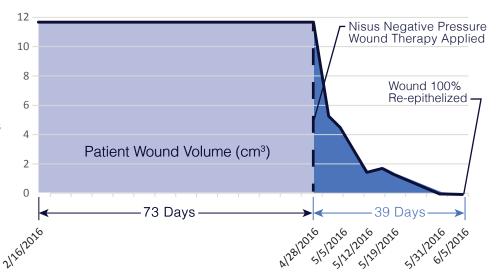
## History and Physical

26 year-old male presented with pilonidal cyst. Pilonidal cystectomy was performed on 2/16/16 and wound was being treated with a variety of dressings, including another NPWT platform.

Patient underwent a surgical debridement on 4/27/16 and the Nisus NPWT platform was applied post operatively. Patient was then seen at the wound center on 4/28/16 for treatment.

#### Past Medical History

The patient has a history of depression.



# **Initial Findings**

Patient presented with a non-healing surgical wound on 4/28/16. Wound was acquired on 02/16/16 secondary to a pilonidal cystectomy. Surgical debridement occurred on 4/27/16, prior treatment was moist saline dressing. Patient was referred to wound center on 4/27/16. Initial measurement of wound on 4/28/16 was length of 3.43 cm by width of 1.36 by depth of 2.5 cm. No prior measurements are obtainable from the previous medical record. Wound had moderate sanguineous drainage.

#### Course of Treatment

A pilonidal cystectomy was performed on 2/16/16. Patient had several modalities of treatments from 2/26/16 to 4/28/16. Patient was seen at the wound center on 4/28/16 one day post surgical for debridement of the wound. The Nisus NPWT platform was initiated on 4/27/16. The Nisus NPWT platform was utilized until 5/31/16. The Nisus was discontinued at this time secondary to the wound being superficial. The wound had complete closure on 6/6/16.

Date	Modality of Treatment	Weeks in Treatment	Length (cm)	Width (cm)	Depth (cm)	Volume (cm)
2/16/16	Wound acquired	0	3.43	1.36	2.5	11.66
4/28/2016	Nisus NPWT platform	9	3.43	1.36	2.5	11.66
5/2/2016	Nisus NPWT platform	10	2.58	1.37	1.5	5.30
5/5/2016	Nisus NPWT platform	11	2.14	1.41	1.5	4.53
5/12/2016	Nisus NPWT platform	12	2.48	1.2	0.5	1.49
5/16/2016	Nisus NPWT platform	12	2.94	1.2	0.5	1.76
5/19/2016	Nisus NPWT platform	13	2.04	0.95	0.7	1.36
5/31/2016	Nisus NPWT discontinued	14	0.5	0.29	0.2	0.03
6/6/2016	Wound completely healed	15	0	0	0	0.00