

Infant Gastroschisis

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Before



After

Patient History

Wound size at first application of Helicoll™: 2.4 x 3.4 x 1.4 cm

- Premature 4 month old infant born with Gastroschisis
- Medical history included silo placement around intestine to allow herniated intestine to return to abdominal cavity. Patient also had 2 bouts of necrotizing enterocolitis and underwent 2 surgeries leaving only 28cm of the small intestine.
- Negative pressure was used for 11 days prior to Helicoll™ treatment, NPWT increased the wound size to 2.4cm x 3.4 cm x 1.4cm and caused irritation of the bowel. NPWT was discontinued and Helicoll™ treatment was started.

HelicollTM

Treatment Protocol

Helicoll™ Treatment Timeline and Results

8/20/2013	Helicoll™ was applied. The ileostomy and mucous fistula are pouched separately. There was ileostomy effluent leaking into the wound bed.
8/22/2013	Wound was examined. Ileostomy effluent continues to get into the wound bed. The wound measurements 3 x 1.7 x .8 cm. There is still bowel visible and granulation tissue is now visible.
8/23/2013	2 nd application of Helicoll™ is placed due to the rapid response of the first application. Light green effluent continues to get into the wound bed from the ileostomy.
8/25/2013	The outer foam dressing was changed. Redness around the wound improved.
8/29/2013	The epithelized skin now met the wound base. The wound measured 1 x 1.9 x .8 cm. A 3 rd application of Helicoll™ is applied.
9/4/2013	Redness around the wound decreased, treatment with stoma powder and nystatin powder occurred. A 4 th application of Helicoll™ is placed to raise the wound base to help pouch the ileostomy. Granulated skin is seen in the wound base over the bowel.
9/10/2013	There is no bowel visible. Newly epithelialized skin is visible in the wound bed. A 5 th application of Helicoll™ is placed in the wound bed.
9/17/2013	The wound bed continues to rise upward and there is less of a gap between the ileostomy and mucous fistula. There are small areas of open skin in the wound base. A 6 th application of Helicoll™ is made in the wound bed. Feedings are being scheduled.



08/19/2013 Measures 2.4 x 3.4 x 1.4 cm



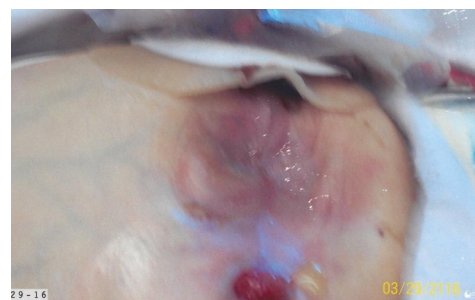
08/20/2013 Helicoll™ Application



08/29/2013 Before 3rd Application



09/24/2013



10/3/2013

Case presented by:

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