

# DermaWound® in Wound Care

A Sampling of DermaWound® Use In  
the Healing of Problem Wounds

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# A Presentation of Patient Wounds

This will show a brief history of the wound,  
some patient characteristics,  
and photos of wounds healing with  
DermaWound therapy.

Treating Physician: David M. Barbara, MD FACS

PATIENT # 01

## WOUND LOCATION

Left distal medial thigh over vein graft.

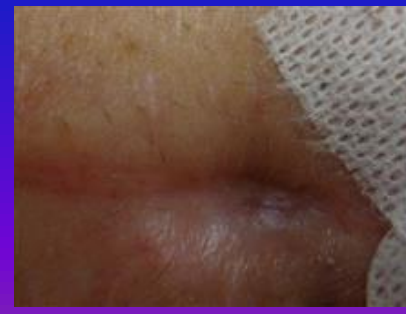
KEW. 49yo F. L medial thigh postop wound. Surg 01/22/2018. Abscess 05/28/2018.  
DW started 06/05/2018.

Co-morbidities: ASCVD. CAD. PVD. MO. DMS. DM2. Days to heal = 77.

Open dehisced wound over exposed vein graft in fem-pop bypass patient.

Initial size 2.5 x 1.1, depth 2.1 cm. Wound went to the vein graft.

Dates of DW treatment: 06/05/2018 to 08/22/2018 (healed)



PATIENT # 02

## WOUND LOCATION

Right buttock area.

GMF. 87 yo F. R buttock stage 3 PU. Onset 02/19/2018.

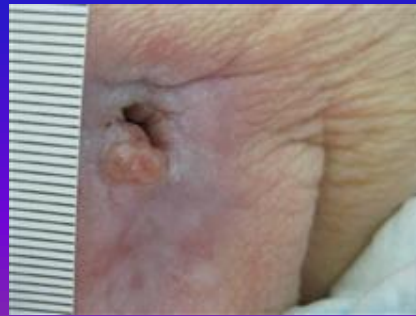
DW started 04/03/2018.

Co-morbidities: ASCVD. PVD. HBP. HLD. Anemia. Frail status. Days to heal = 164.

Open right buttock stage 3 PU. Wound would not heal.

Initial size 4.5 x 2 cm, depth 2 cm. Wound full of necrotic tissue.

Dates of DW treatment 04/03/2018 to 09/25/2018 (healed)



PATIENT # 02

## WOUND LOCATION

Left lateral ankle area.

GMF. 87 yo F. L ankle stage 3 PU. Onset 01/29/2018. Was enlarging.

DW started 02/27/2018.

Co-morbidities: ASCVD. PVD. HBP. HLD. Anemia. Frail status. Days to heal = 140.

Open left ankle stage 3 PU. Down to lateral malleolus.

Initial size 2.1 x 1.0 cm, depth 1.1 cm.

Dates of DW treatment 02/27/2018 to 07/17/2018 (healed)





PATIENT # 03

## WOUND LOCATION

Coccyx area.

MAW. 73 yo F. Coccyx stage 3 PU. Onset 12/30/2017. Never healed.

DW started 03/13/2018.

Co-morbidities: ASCVD. Anemia. DM2. Radiated area. Obese. Days to heal = 84.

Open stage 3 PU of coccyx in radiated area.

Initial size 2.5 x 1.9 cm, depth 1.0 cm.

Dates of DW treatment 03/13/2018 to 06/05/2018 (healed)



PATIENT # 04

## WOUND LOCATION

Right groin area.

SSY. 74 yo F. Dehisced postop groin wound. Onset 04/03/2018. Not healing.

DW started 05/08/2018.

Co-morbidities: ASCVD. PVD. CAD. HLD. CKD-4. COPD. Days to heal = 42.

Open dehisced surgical R groin wound from AAA surgery.

Initial size 2.2 x 1.1 cm, depth 1.4 cm.

Dates of DW treatment 05/08/2018 to 06/19/2018 (healed)



PATIENT # 05

## WOUND LOCATION

Right groin area.

SAP. 56 yo F. Open wound from necrotizing fasciitis. Onset 02/20/2018.

DW started 05/08/2018.

Co-morbidities: ASCVD. CAD. DM2. COPD. Smoker. Days to heal = 42.

Open R groin wound in widely debrided area of necrotizing fasciitis. Not closing.

Initial size 9.9 x 7.3 cm, depth 2.1 cm.

Dates of DW treatment 05/08/2018 to 06/19/2018 (healed)



PATIENT # 06

## WOUND LOCATION

Abdominal wall.

TRM. 47 yo F. Draining abdominal wall postop wound with infected mesh.  
Onset 03/14/2018. Cellulitis. Necrotic debris in wound.

DW started 05/08/2018.

Co-morbidities: Obesity. Smoker. Steroids. Cellulitis. Days to heal = 91.

Open draining infected mesh postop ventral hernia wound in obese smoker.

Initial size 7.7 x 3.7, depth 1.3 cm.

Dates of DW treatment 05/08/2018 to 08/07/2018 (healed)





PATIENT # 07

## WOUND LOCATION

Right anterior thigh.

KLC. 75 yo F. R anterior thigh open wound. Onset 04/22/2018.

DW started 06/26/2018.

Co-morbidities: Frail status. ASCVD. Post stroke hemiplegia. Days to heal = 91.

Open wound R thigh post debridement of Coumadin dermal necrosis.

Initial size 15.0 x 12.3 cm, depth 1.6 cm.

Dates of DW treatment 06/26/2018 to 09/25/2018 (healed)



PATIENT # 08

## WOUND LOCATION

Abdominal wall – 3 areas.

The next wounds are all on the abdominal wall of the same patient, GDK.

> THIS IS A COMPLEX (3 SEPARATE SPACES) NON-HEALING SURGICAL WOUND

> WOUND WAS FROM INFECTED MESH ORIGINAL PROCEDURE DONE > 4 YR AGO

> INFECTION WAS NOTED ~ 2 ½ YEARS AFTER INITIAL PROCEDURE

### HISTORY OF THE WOUNDS (DATES AND TREATMENTS)

-03/18/2014 – INITIAL SURGERY: VHR with mesh.

-10/20/2016 – Inflammation noted around incision 31 months after 1st surgery.

-10/24/2016 – Surgery done. Bowel stuck to mesh. Probable mesh infection.

-12/09/2016 – Explant old mesh. Place biologic mesh (XenMatrix AB).

-05/16/2018 – Explant all old mesh. TAR. Place Ventralight synthetic mesh.

-06/07/2018 – I&D. Explant mesh. Washout. Place Biosynthetic (BioA).

-06/11/2018 – I&D. Explant mesh. Washout. Place New biosynthetic (BioA). Packed open.

-07/13/2018 – Explore and debride wound. Place VAC 07/13/2018 (to 08/07/2018).

-08/14/2018 – Start DermaWound.

-11/06/2018 – Healed (largest space, midline abdomen upper).

The 3 wound spaces were these:

Midline abdomen, upper	– healed 11/06/2018	Days to heal = 84.
RUQ subcostal	– healed 09/25/2018	Days to heal = 49.
LUQ, subcostal	– healed 09/25/2018	Days to heal = 49.

PATIENT # 08

## WOUND LOCATION

Abdominal wall – midline.

GDK. 59 yo M. Abdominal wall, complex postop open wound. **Midline** (upper)  
DW started 08/14/2018.

Co-morbidities: **ASCVD. CAD-MI. HBP. HLD. OA. Gout.** Days to heal = 84.

Open postop wound in area of infected (bioabsorbable) hernia mesh.

Initial size 9.5 x 5.1 cm, depth 3.3 cm.

Dates of DW treatment 08/14/2018 to 11/06/2018 (healed)



PATIENT # 08

## WOUND LOCATION

Abdominal wall - RUQ.

GDK. 59 yo M. Abdominal wall, complex postop open wound. **RUQ area.**  
DW started 08/14/2018.

Co-morbidities: **ASCVD. CAD-MI. HBP. HLD. OA. Gout.** Days to heal = 49.

Open postop wound in area of infected (bioabsorbable) hernia mesh.

Initial size 8.7 X 2.0 cm, depth 2.8 cm.

Dates of DW treatment 08/14/2018 to 09/25/2018 (healed)





PATIENT # 08

## WOUND LOCATION

Abdominal wall - LUQ.

GDK. 59 yo M. Abdominal wall, complex postop open wound. **LUQ area.**  
DW started 08/14/2018.

Co-morbidities: **ASCVD. CAD-MI. HBP. HLD. OA. Gout.** Days to heal = 49.

Open postop wound in area of infected (bioabsorbable) hernia mesh.

Initial size 7.2 X 2.4 cm, depth 3.5 cm.

Dates of DW treatment 08/14/2018 to 09/25/2018 (healed)



PATIENT # 09

## WOUND LOCATION

Posterior neck area.

REK. 73 yo M Large open posterior neck wound. Onset 06/20/2018.

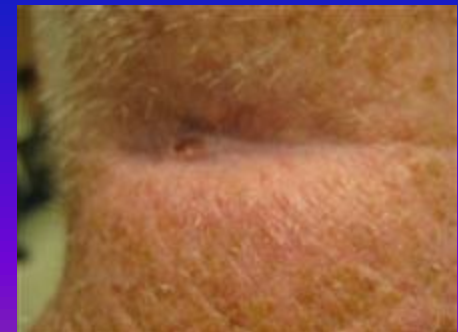
DW started 07/03/2018.

Co-morbidities: DM2. ASCVD. CAD. HBP. HLD. CKD3. Days to heal = 63.

Open wound postop excisional debridement of necrotizing abscess.

Initial size 6.0 x 3.0 cm, depth 5.0 cm.

Dates of DW treatment 07/03/2018 to 09/04/2018 (healed)



PATIENT # 09

## WOUND LOCATION

Right upper lateral chest wall area.

REK. 73 yo M Large right lateral chest wall wound. Onset 06/20/2018.

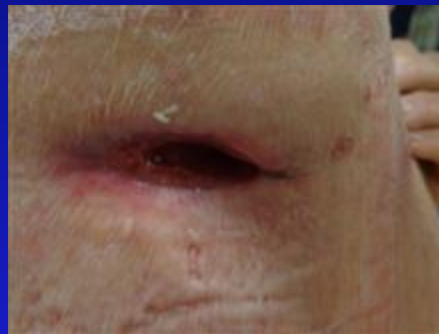
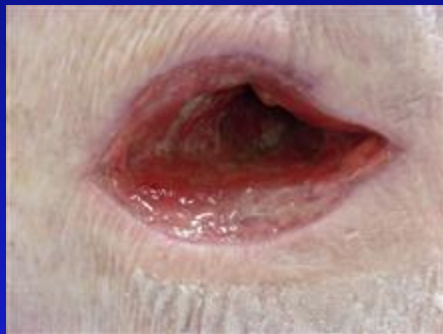
DW started 07/03/2018.

Co-morbidities: DM2. ASCVD. CAD. HBP. HLD. CKD-3. Days to heal = 63.

Open wound postop excisional debridement of necrotizing abscess.

Initial size 13.9 x 6.1 cm, depth 5.2 cm.

Dates of DW treatment 07/03/2018 to 09/04/2018 (healed)



PATIENT # 10

## WOUND LOCATION

Abdominal wall area.

The next wound is on the abdominal wall of patient CEF.

> THIS IS A NON-HEALING SURGICAL WOUND IN BED WITH INFECTED MESH

> WOUND WAS FROM INFECTED MESH. ORIGINAL PROCEDURE DONE 04/24/2018

> INFECTION WAS NOTED 06/20/2018, ~ 2 MONTHS AFTER INITIAL PROCEDURE

### HISTORY OF THE WOUND (DATES AND TREATMENTS)

-04/24/2018 – INITIAL SURGERY: VHR with mesh.

-06/20/2018 – Inflammation noted around incision ~ 2 months after 1st surgery.

-06/21/2016 – Wound exploration, I&D, partial mesh excision, open packing, then VAC.

-06/26/2018 – Patient evaluated by me for wound. Patient using VAC (NPWT).

-07/24/2018 – VAC stopped. DermaWound started.

-10/09/2018 – Healed. Days to heal = 77.



CEF. 65 yo M. Open abdominal wall postop wound with infected mesh.  
Onset 06/21/2018 . Cellulitis. Necrotic debris in wound. Mesh in wound.  
DW started 07/24/2018.

Co-morbidities: ASCVD. HBP. HLD. OA. MRSA hx. Days to heal = 77.

Open wound from infected mesh postop ventral hernia repair.

Initial size 9.0 x 3.0, depth 3.8 cm.

Dates of DW treatment 07/24/2018 to 10/09/2018 (healed)



PATIENT # 11

## WOUND LOCATION

RLQ abdominal wall area.

DCT. 57 yo M. RLQ open wound. Onset 07/09/2018.

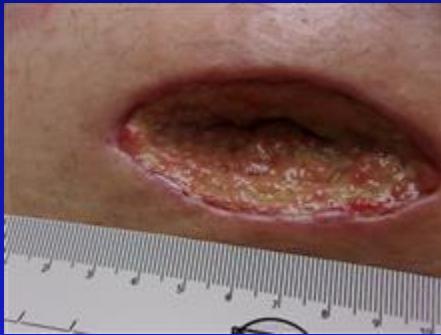
DW started 08/21/2018.

Co-morbidities: MO (BMI > 50). DM2. OSA. ASCVD. HBP. HLD. Asthma. Days to heal = 28.

Open wound of abdominal wall postop debridement of necrotizing fasciitis.

Initial size 6.5 x 3.1 cm, depth 2.5 cm.

Dates of DW treatment 08/21/2018 to 09/18/2018 (healed)



PATIENT # 12

## WOUND LOCATION

Right flank area.

LD. 61 yo M. R flank postop open wound. VAC used at first. Onset 06/27/2018.  
DW started 07/31/2018.

Co-morbidities: ASCVD. CAD. HBP. Obesity. Days to heal = 21.

Open wound of R flank postop debridement of necrotizing abscess.

Initial size 13.1 x 6.0 cm, depth 5.2 cm. (Final photo not captured.)

Dates of DW treatment 07/31/2018 to 08/21/2018 (healed)



PATIENT # 13

## WOUND LOCATION

Left lower lateral abdominal wall area.

MAB. 47 yo M. L abdominal wall wound postop necrotizing abscess. Onset 07/18/2018.  
VAC used initially. DW started 09/04/2018.

Co-morbidities: DM2 (uncontrolled) MO (BMI > 40). OSA. ASCVD. DVT hx (Coumadin).  
Days to heal = 49.

Open postop wound from debridement of necrotizing fasciitis in obese diabetic.

Initial size 13.1 x 5.0, depth 4.2 cm.

Dates of DW treatment 09/04/2018 to 10/23/2018 (healed)



PATIENT # 14

## WOUND LOCATION

Left upper anterior chest wall area.



JAM. 57 yo F. R upper chest wall open wound. Onset 10/09/2018.

DW started 10/09/2018.

Co-morbidities: Smoker. Radiated area. On chemo. MO. ASCVD.

Days to heal = 28.

Open postop wound from explanted infected IV access port in high-risk patient.

Initial size 2.5 X 1.0, depth 0.9 cm.

Dates of DW treatment 10/09/2018 to 11/06/2018 (healed)



PATIENT # 15

## WOUND LOCATION

Abdominal wall area.

RHF. 82 yo M. Open abdominal wound after emergency surgery. Onset 08/30/2018.  
DW started 10/23/2018.

Co-morbidities: ASCVD. CAD. OSA. O2. CKD-3. COPD. Days to heal = 35.

Non-healing postop emergency colon surgery wound. VAC used initially.

Initial size 8.0 x 4.5 cm, depth 5.0 cm.

Dates of DW treatment 10/23/2018 to 11/27/2018 (healed)



PATIENT # 16

## WOUND LOCATION

Left anterior knee area.

WES. 63 yo M. Degloving wound L knee with flap necrosis. Onset 10/12/2018.

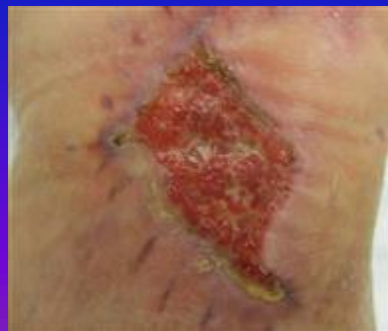
DW started 11/06/2018.

Co-morbidities: ASCVD. CAD. MO. Asthma. Days to heal = 86.

Non-healing traumatic wound with degloving injury & necrotic skin flap.

Initial size 9.9 x 9.4 cm, depth 0.4 cm.

Dates of DW treatment 11/06/2018 to 01/31/2019 (healed)



**END OF PRESENTATION  
THANK YOU**

Case Presentation by

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March 2019