

Ramesh C. Karipineni, M.D.
FACS, FICS, FACA, CPE, MBA
General Surgery
Vascular Surgery
Laparoscopic Surgery
**DIPLOMATE AMERICAN
BOARD OF SURGERY**



Kranthi K. Achanta, M.D.
General Surgery
Vascular Surgery
**DIPLOMATE AMERICAN
BOARD OF SURGERY**

July 10, 2006

Patient Name: LD

Prasad G. Kilaru, M.D.
Cosmetic Surgery, Hand Surgery
Plastic & Reconstructive
Surgery
**DIPLOMATE AMERICAN
BOARD OF SURGERY
DIPLOMATE AMERICAN
BOARD OF PLASTIC
SURGERY**

This is a 78 year old male with a history of diabetes mellitus and venous stasis disease. He had a previous open wound over the right lateral leg that was treated for several years with debridement, multiple skin grafts, OASIS and Unna boot dressings with unsuccessful results.

Following the Silvasorb gel dressing, as of 11/29/05, the patient was noted to have two wounds 5.5 x 7 x 0.3 cm and 0.5 x 0.2 x 0.1 cm at which point HELICOLL collagen wound matrix was applied after the wound was débrided. By 12/26/05, the smaller wound had closed up and the larger wound was reduced to 4.2 x 1.2 x 0.2 cm.

On 01/30/06, it measured 3 x 1 x 0.2 cm.
On 03/02/06, it measured 2 x 0.3 x 0.1 cm.
On 04/10/06, it measured 2 x 0.4 x 0.2 cm.

Shakira B. Karipineni, M.D.
F.A.C.O.G
Ob/Gyn, High Risk Obstetrics,
Infertility & Laparoscopic
**DIPLOMATE AMERICAN
BOARD OF OBSTETRICS
& GYNECOLOGY**

By 05/11/06, the wound was completely healed and the patient was discharged from the wound clinic on 05/22/06.

The first time the patient had a similar wound it took almost 3 years for the wound to heal – including the use of OASIS wound matrix, skin grafts, and repeat Unna boot dressings. This time the wound healed in less than six months after starting the HELICOLL dressing.

Padma Kudaravalli, M.D.
Internal Medicine
**DIPLOMATE AMERICAN
BOARD OF INTERNAL
MEDICINE**



Before HELICOLL

After HELICOLL

Raghu R. Katragadda, M.D.
Back, Cancer Pain Specialist
**DIPLOMATE AMERICAN
BOARD OF ANESTHESIOLOGY
FELLOWSHIP IN PAIN
MANAGEMENT**

Eduardo S Kneler, M.D.
Gynecology, Infertility
**Diplomate American
Board Of Obstetrics &
Gynecology**

The results indicate a closure of the wound in this case from 37.5 sq. cm to complete healing within 25 weeks of treatment with the HELICOLL collagen wound dressing. These results may indicate that HELICOLL collagen dressings can expedite healing of chronic ulcer-wounds. Further clinical studies are required to confirm this healing rate of wounds and the effectiveness of HELICOLL.

Prasad G. Kilaru, M.D.

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This is an 85 year old male with a history of scleroderma. He had an open wound over the posterior aspect over the left leg for over seven years. It initially started as a small scar and subsequently got larger. The patient was diagnosed with scleroderma and was treated for this. He had been on steroids and was apparently on methotrexate. The patient had had skin graft as well as Apligraf and had multiple applications of Apligraf without much improvement in his condition. He had VAC dressing changes, Unna boots, and at the time of initial presentation in 07/05 was being treated with Bactroban ointment. He was initially treated with Silvasorb gel dressings to the ankle. He was originally seen on 07/05/05 and at that time the right ankle wound measured 6.5 x 4 x 0.3 cm. He was seen on 08/22/05 and had been started on Unna boot dressings at that time. At that time, the wound measured 7 x 3.5 x 0.2 cm. He had calcium alginate dressings with the Unna boot starting on 09/06/05. The wound measured 6.7 x 3.5 x 0.2 cm at that time. We then tried Panafil ointment, Kaltostat and Unna boot dressings. On 10/10/05, the wound measured 6.0 x 3.5 x 0.2 cm at that time. We then tried OASIS wound matrix along with the Unna boot and on 11/07/05 the wound measured 5.5 x 3.5 x 0.2 cm at that time. The patient was started on helical collagen wound matrix on 11/14/05, and the wound measured 5.2 x 3.5 x 0.2 cm with an area of 18.2 sq. cm. On 01/02/06, the wound measured 4.8 x 3.0 x 0.1 cm. On 03/02/06, the wound measured 4.5 x 3 x 0.1 cm. On 4/10/06 the wound measure 4.3 x 2.5 x 0.1 cm. On 5/11/06 the wound measured 3.9 x 2.9 x 0.1 cm. On 06/29/06 the wound measured 3.5 x 2.5 x 0.1 cm (8.75 sq. cm).

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Before **HELICOLL**

After **HELICOLL**

So for 7 years the wound had been roughly the same size despite multiple treatments at two different wound care centers. After 7 months with the HELICOLL dressing, we were able to reduce the size of the wound in half (7.5x 3.5 x 0.2 cm to 3.5 x 2.5 x 0.1 cm). In this more complex case, it is calculated at >52% healing of the wound with the use of HELICOLL collagen matrix dressing on a non-healing chronic ulcer wound within the time period given above. These results indicate that the HELICOLL collagen dressing may be able to expedite the healing of chronic ulcer-wounds. Further clinical studies are required to confirm this healing rate of wounds and the effectiveness of HELICOLL.

Prasad G. Kilaru, M.D.

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The Permanente Medical Group
 Nicholas Daly, DPM

Facility
 Hayward/Fremont Medical Centers
 Department of Podiatric Surgery

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I used Hellicoll on my patient's wound and he healed very well.

Nicholas Daly

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For additional health information, visit my Home Page at:
kp.org/mydoctor/nicholasdaly