

Surgical Application of Graftix for Chronic Wounds in High-Risk Patients

Study Design

- Retrospective, single-center study of aggressive surgical wound management augmented with a single application of Graftix for chronic wounds (n=16) in high-risk, compromised patients (n=12)
- Treatment consisted of I&D; surgical debridement; Graftix application followed by nonadherent dressings (ADAPTIC TOUCH), gauze, and compression (where indicated); and weekly SOC treatment

Patient Demographics & Wound Characteristics

- Patient comorbidities include, but are not limited to: diabetes, hypertension, chronic venous insufficiency, peripheral vascular disease, end-stage renal disease, and chronic kidney disease
- Patient age (mean): 62.4 years
- Patient BMI (mean): 28.3 kg/m²
- Wound etiologies: VLU, DFUs, chronic ulcers with gas gangrene or necrotizing fasciitis, and an ischemic ulcer
- Wound duration (mean): 6 months
- Wound area at baseline (mean): **51.1 cm²**

Study Outcomes

- Complete wound closure: **100%**
- Time to closure (mean): 9.6 weeks
- No complications or adverse events
- No wound recurrence in 4 years of follow-up*



*Wounds treated from 2014-2017.
ADAPTIC TOUCH is a trademark of KCI USA, Inc

Reference:

1. D'Costa WF, Kurtz Phelan DH. Surgical Application of Viable Cryopreserved Placental Membrane for the Treatment of Chronic Wounds in 12 High-Risk Patients. *Wounds*. 2018; 30 (11): 324-328.

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CASE EXAMPLE 1: 10 cm² chronic wound with gas gangrene of the left dorsal foot and hallux



Intra-Op



Week 4



Week 12

CASE EXAMPLE 2: 39 cm² chronic wound with necrotizing fasciitis of the right foot



Intra-Op



Week 4



Week 12

Graftix®

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1. D'Costa WF, Kurtz Phelan DH. Surgical Application of Viable Cryopreserved Placental Membrane for the Treatment of Chronic Wounds in 12 High-Risk Patients. Wounds. 2018; 30 (11): 324-328.

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CASE EXAMPLE 3: 98.5 cm² chronic wound of the right foot



Intra-Op



Week 4



Week 12

CASE EXAMPLE 4: 25 cm² left plantar medial DFU with gas gangrene



Intra-Op



Week 8



Week 23

Grafix®

Reference:

1. D'Costa WF, Kurtz Phelan DH. Surgical Application of Viable Cryopreserved Placental Membrane for the Treatment of Chronic Wounds in 12 High-Risk Patients. *Wounds*. 2018; 30 (11): 324-328.