



Evolution M.D.
Advanced Plastic Surgery

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12709 Miramar Pkwy, Miramar, FL 33027

Clinical Case No.1

Post-Lipectomy localized dermal necrosis

Patient: Female

Age: 23

Treatment:

1. Lesion cleansing and autolytic debridement
2. Application of F4CellCare 1X/d
3. Application of occlusive dressing.

Dr. Cesar Velilla
Dr. Guillermo Rumbos
Dr. Rodolfo Salas



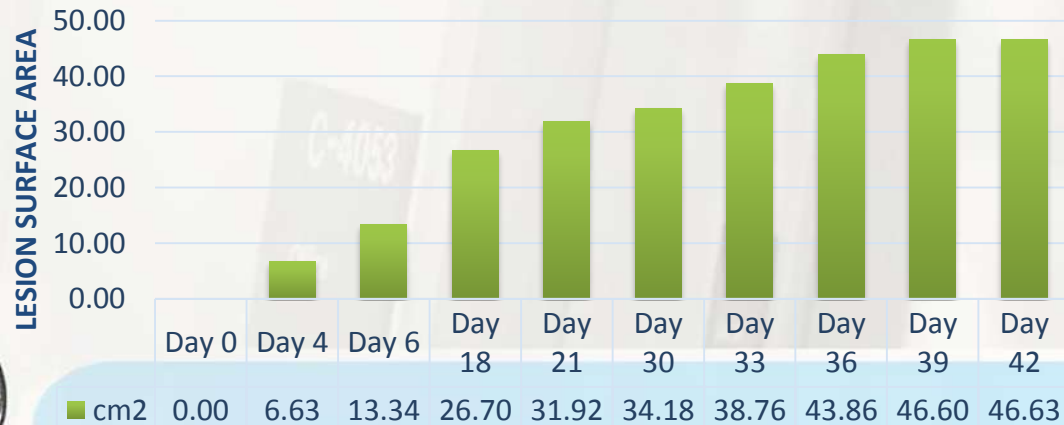
Lesion location



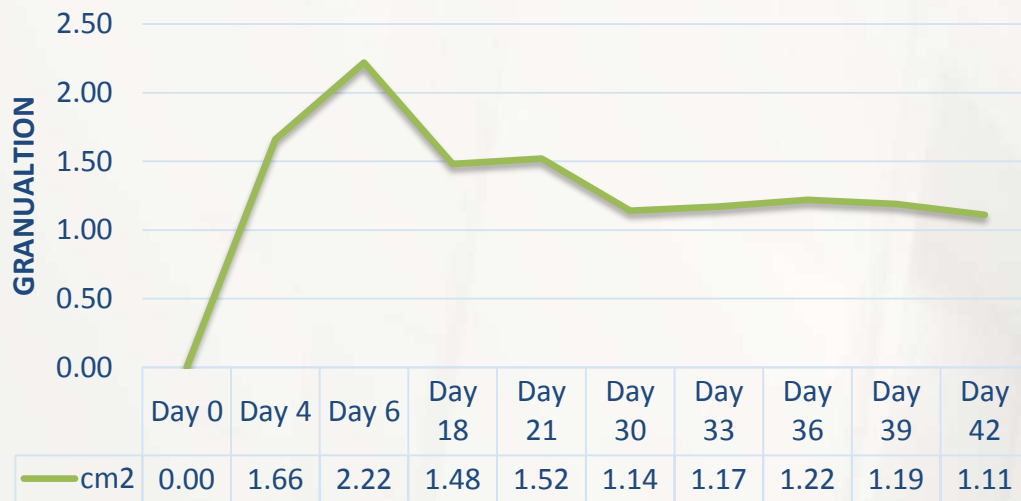
LESION SURFACE AREA GROWTH AND REMODELING OVER TREATMENT TIME



CUMMULATIVE TISSUE GENERATED DURING TREATMENT



TREATED LESION GRANULATION cm2/DAY



OVERALL EPITHELIZATION OF TREATED LESION



LESION REMODELING STATISTICS



Day 0

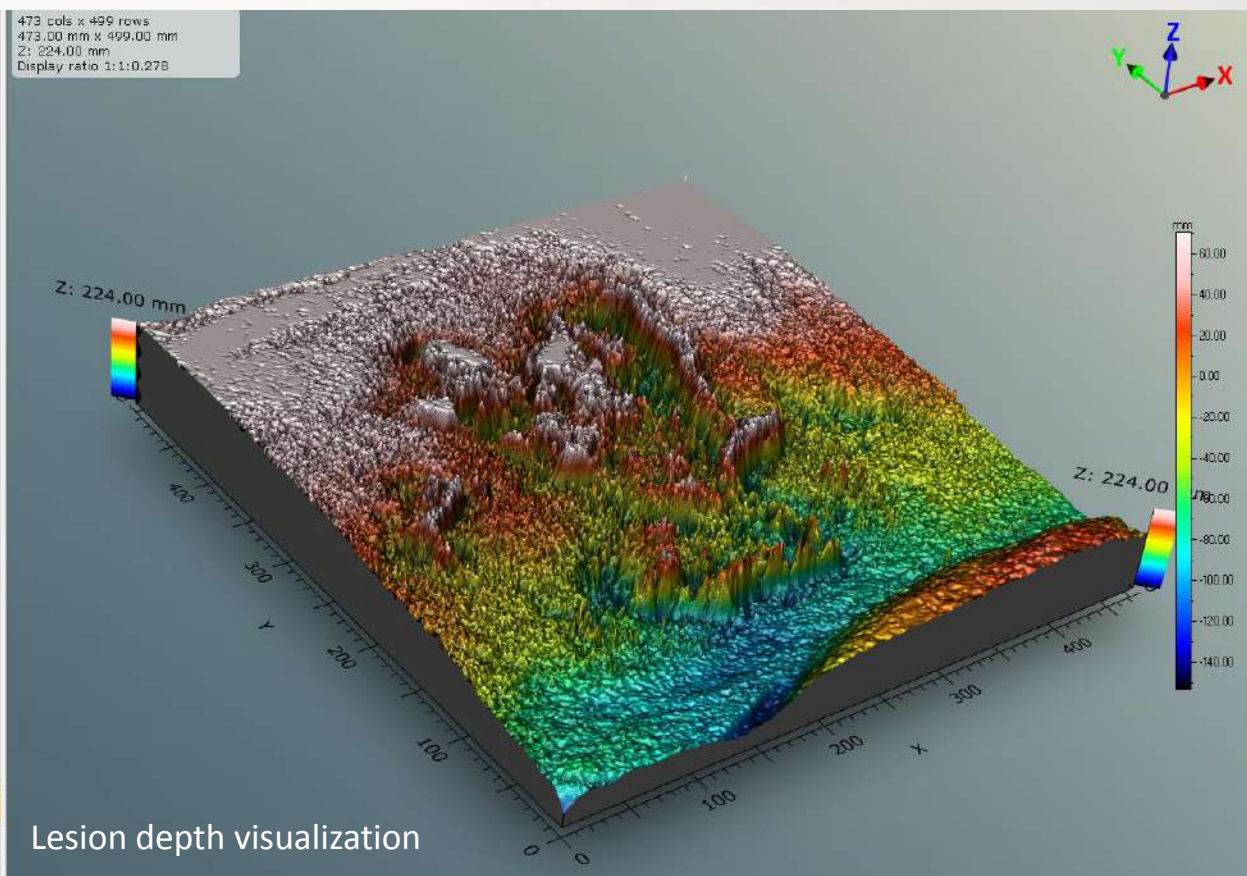
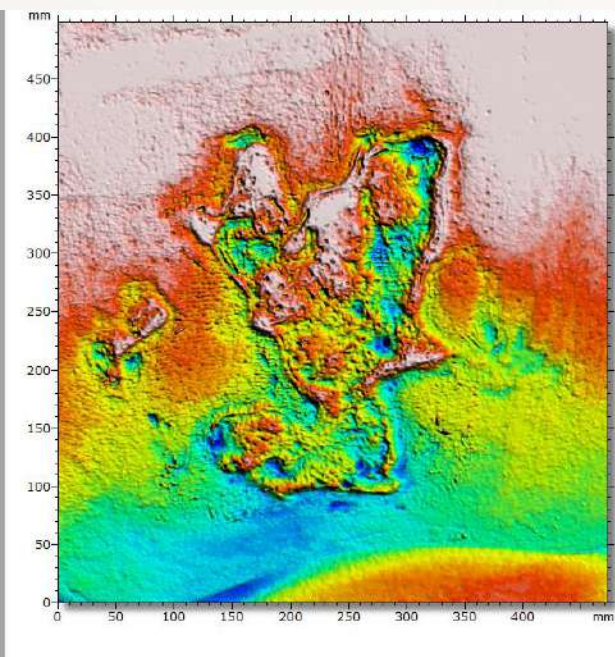


Day 2



Day 4





Lesion depth visualization

Case: Abdominal dermal necrosis as a result of iatrogenic ischemia

PROPERTY OF WWT.CORP



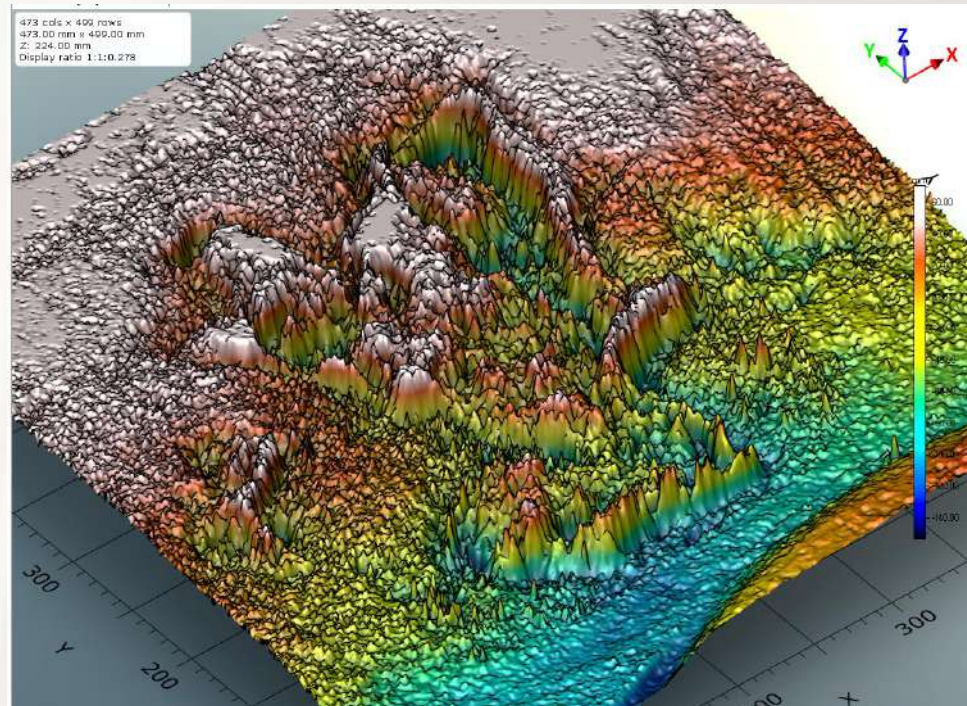
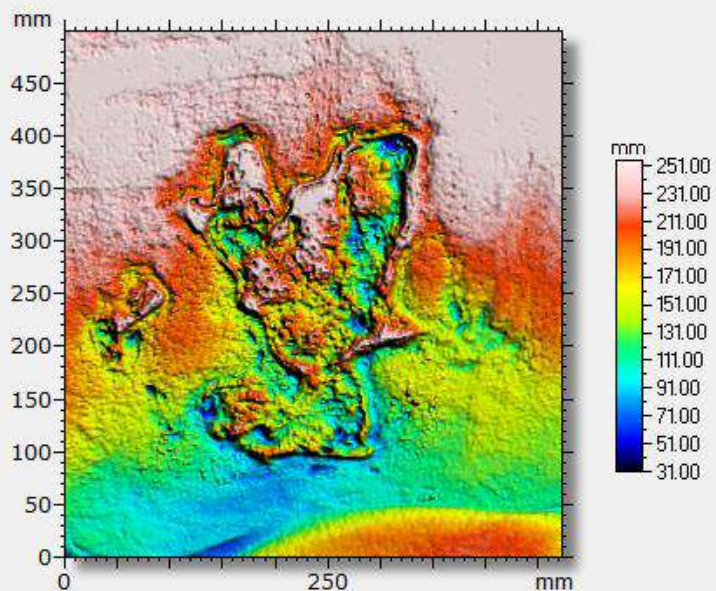
BEFORE TREATMENT

Day 0

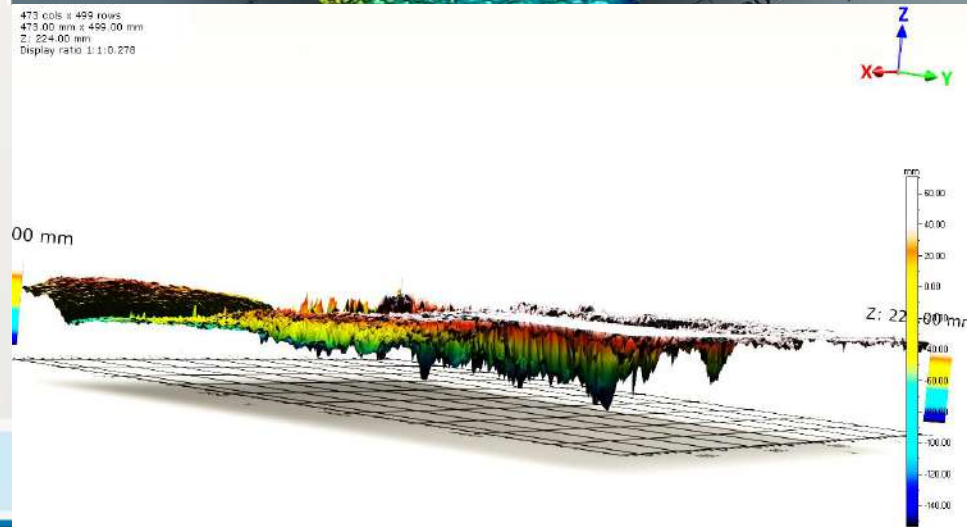
Wound surface data remodeling of actual clinical cases treated with Iasonex was analyzed using a 3D surface visualization software. The study documented depth fields, filtering tools (to separate different lesion wavelengths/frequencies topography, spectral analysis algorithms) and help characterize surface lay and periodicity; also power spectral density, Fourier frequency analysis, texture direction and isotropy.

Analysis prepared with TruGage software

Original Surface



Case: Post-Lipectomy abdominal dermal necrosis

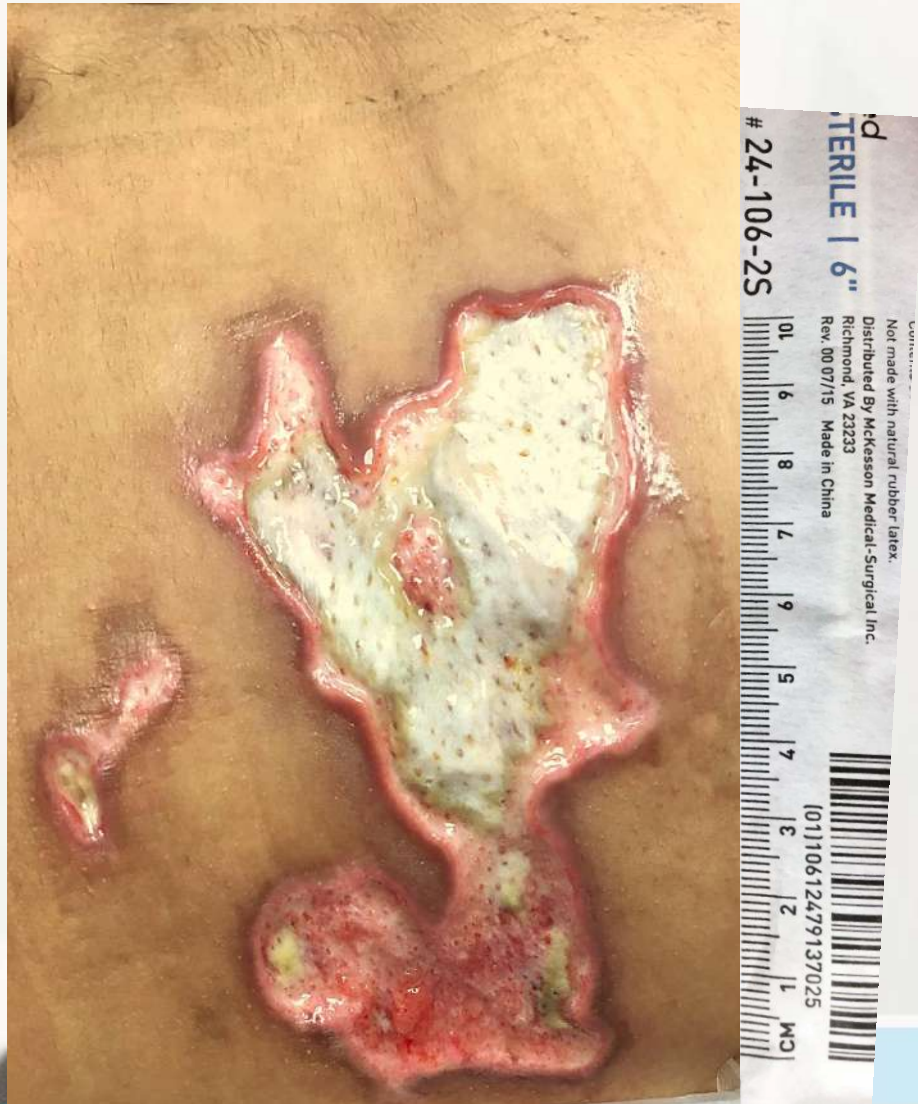


Note: lesion surface morphology (above)
and projected depth (below) surface

Analysis prepared with Trugage software

BEFORE TREATMENT

Day 0



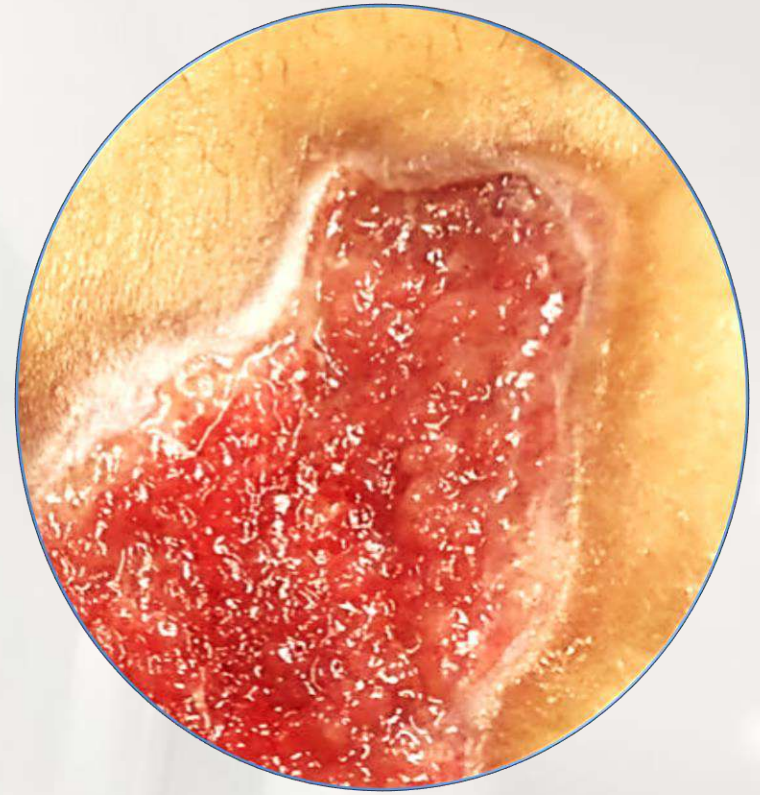
Day 6



Epithelization tissue details



Day 18



Epithelization tissue details



Epithelization tissue details

Day 21



Epithelization tissue details

Day 30



Epithelization tissue details

Day 33

Note: 1.34 cm²/day; 42.42 % size reduction



Epithelization tissue details

Day 36



Epithelization tissue details

Day 39



Epithelization tissue details

Day 42



Epithelization tissue details

Day 46





Epithelization tissue details

Day 50



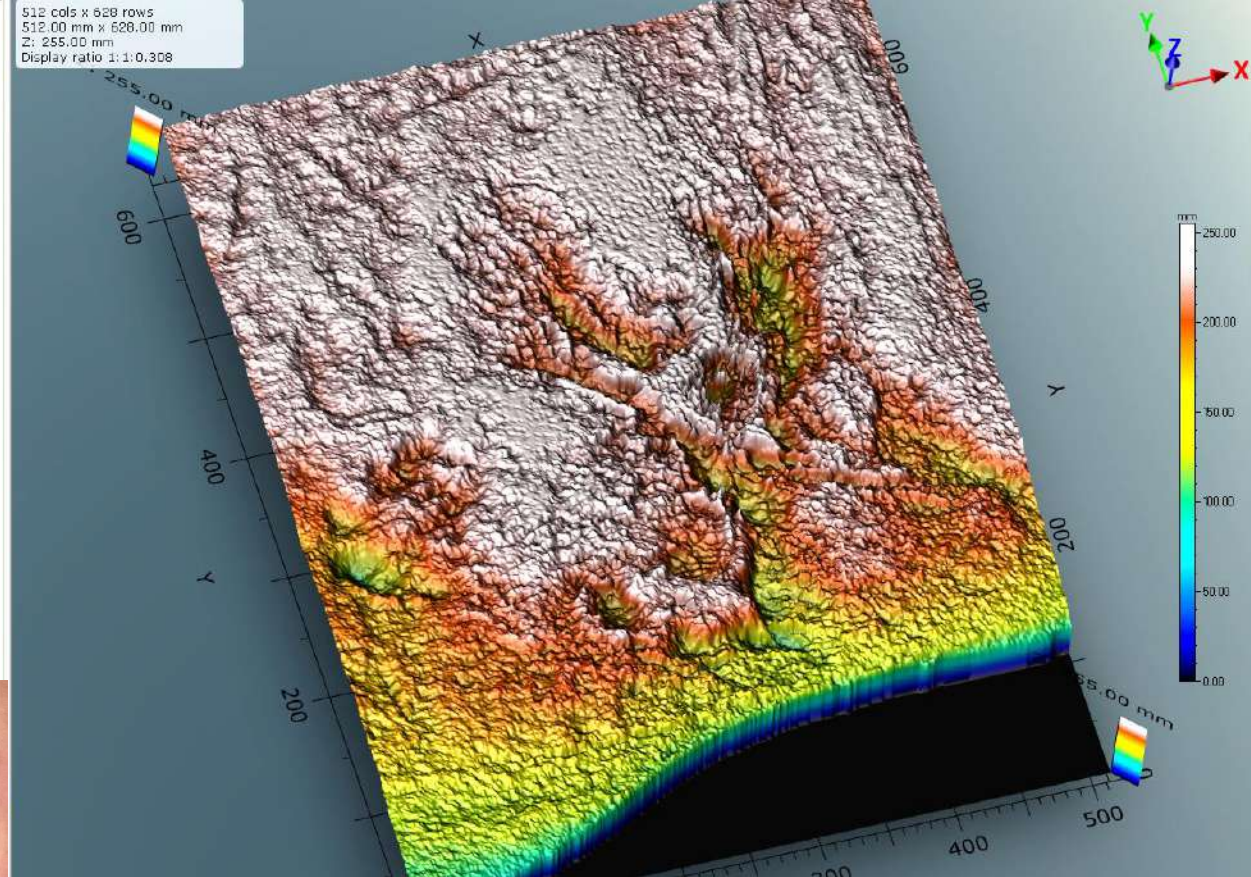
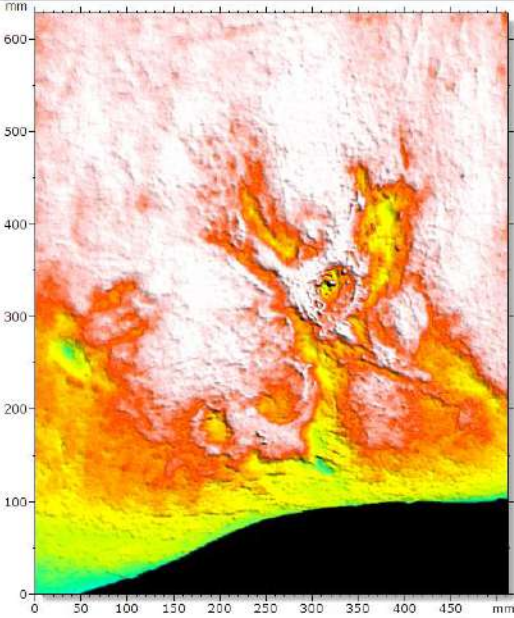
Epithelization tissue details

Day 53

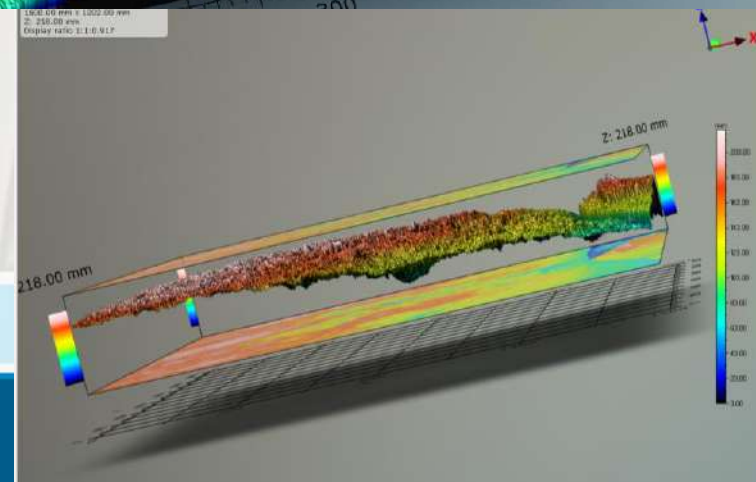


Epithelization tissue details

Day 70



Note: lesion surface morphology and projected depth surface



Day 70

After F4CellCare™ treatment

Analysis prepared with Trugage software



Epithelization tissue details

Day 90





Day 0



Day 2



Day 4



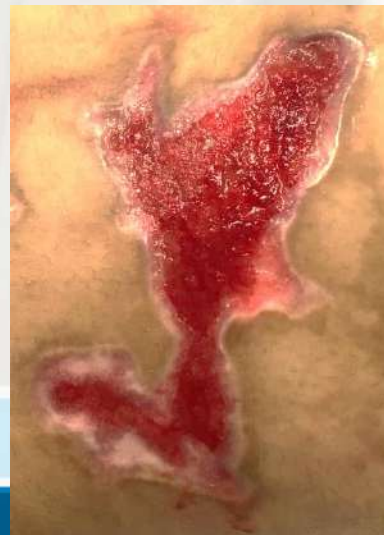
Day 6



Day 18



Day 21



Day 30



Day 33



Day 36



Day 39



Day 42



Day 46



Day 50



Day 53



Day 70



Day 90



LESION EVOLUTION SEQUENCE

CASE: Dermal Necrosis

TREATMENT: F4CellCare™

Dr. C. Velilla

Dr. Guillermo Rumbos

Dr. Rodolfo Salas



OVERALL LESION EVOLUTION SEQUENCE

DISTAL- PORTION LESION
EVOLUTION SEQUENCE

CASE: DERMAL NECROSIS
TREATMENT: F4CellCare™

Dr. C. Velilla

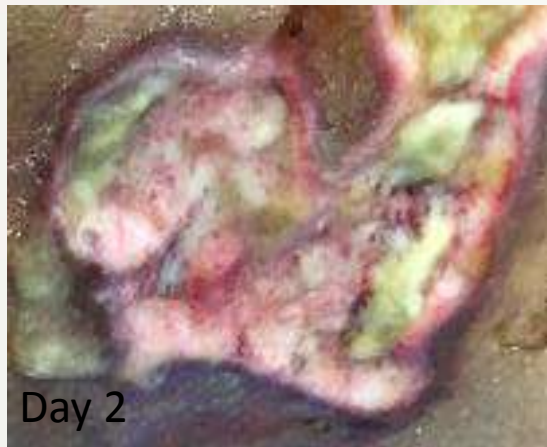
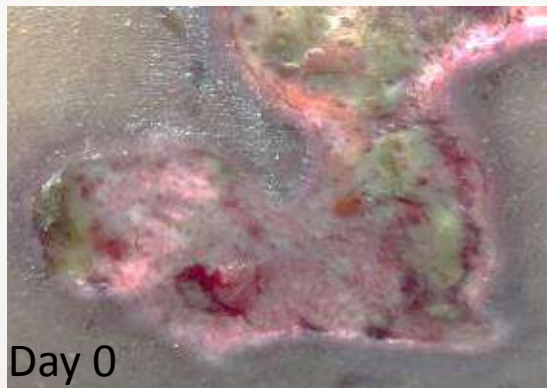
Dr. Guillermo Rumbos

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DISTAL LESION PORTION PHOTO EVOLUTION SEQUENCE

DISTAL LESION EVOLUTION DETAILS





Day 39



Day 42



Day 46



Day 50

DISTAL LESION EVOLUTION DETAILS





Day 0



Day 2



Day 4



Day 6



Day 21



Day 33



Day 36



Day 39



Day 42

SMALL PARALLEL LESION EVOLUTION DETAILS

