

STAGE IV PRESSURE ULCER CASE STUDY

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PATIENT PROFILE

74-year-old male, in a skilled nursing facility, with a history of cerebral infarction, hemiplegia, hypertension, hyperlipidemia, urinary tract infection, pulmonary embolism and atrial fibrillation.

WOUND PRESENTATION

Patient presented with a stage IV pressure ulcer injury to the right zygomatic (cheek) bone post cerebral infarction with hemiplegia. The patient had been placed on standard of care utilizing moist wound-healing principles but was showing no progress. He was scheduled for a plastic surgery consult for surgical repair of the wound.

TREATMENT

The wound was cleansed with normal saline. Then, HYCOL™ Hydrolyzed Collagen powder was applied daily, and the ulcer was covered with gauze.

RESULTS

The Stage IV Pressure injury had complete resolution in five weeks using HYCOL™ Hydrolyzed Collagen Powder. The wound was discharged after 100 percent of the epithelial tissue was fully established, and the plastic surgery appointment was canceled.

Day 1



Wound size = 1.6 cm x 2 cm x 0.4 cm
Area = 3.2 cm², Volume = 1.28 cm³
Wound status: New Stage IV with exposed zygomatic (cheek) bone

Day 14



Wound size = 1.1 cm x 1.4 cm x 0.3 cm
Area = 1.54 cm², Volume = 0.46 cm³
Wound status: Improved, with granulation tissue covering the bone; 55% volume reduction

Day 21



Wound size = 0.9 cm x 0.9 cm x 0.2 cm
Area = .81 cm², Volume = 0.16 cm³
Wound status: Improved with 100% granulation tissue; 65% volume reduction

Day 35



Wound status: Healed, 100% re-epithelialized

