

CASE STUDY | Increased epithelization

Patient background and wound history

Patient was a 71-year-old man with NIDDM and diabetic neuropathy. He had osteomyelitis of the calcaneus, which necessitated extensive debridement of the heel and the infected calcaneus bone. The wound did not heal and the calcaneus broke through area of weakness due to the missing bone, creating a rocker deformity.



7 days treatment

Treatment

Repeated surgery with debridement of the soft tissue, correction of the foot alignment and fixation with Steinman pins was carried out. At surgery and thereafter the wound was dressed with MedCu copper dressings, which was changed weekly. While relatively rapid granulation seemed to fill the depth and walls of the large cavity, normal looking skin began crawling from the side surface into the depth of the wound.



8 weeks of MedCu application

Clinical outcome

Three weeks post-surgery epithelization was demonstrated beginning at the superficial wall of the cavity and continued to be evident at subsequent visits. This phenomenon was further demonstrated 3.5- and 4.5-months post-surgery. At this time, although large soft tissue void was prominent, it is filled with almost normal looking skin that crawled in. During this entire period, the foot was treated solely with MedCu copper dressings.



4.5 months of MedCu application

During this entire period, the foot was treated solely with MedCu copper dressings.

NATURE + SCIENCE = BETTER WOUND CARE

MedCu's antibacterial wound dressings harness the power of copper to set a new standard in wound care.

As a natural essential mineral for the human body, copper has been used for centuries to care for and treat wounds. Today, copper is at the forefront of a revolution in advanced wound care. MedCu is the first and only antibacterial wound dressing impregnated with copper oxide microparticles to receive FDA clearance and CE Mark.

MedCu wound dressings offer protection against a broad spectrum of pathogens, including antibacterial-resistant bacteria. The dressings are non-adherent, with no need to pre-wet, and can be cut to ensure optimal fit for patient comfort. With sustained antibacterial action, the dressings have up to 7 day wear-time allowing for fewer changes and reduced clinician contact time.

MedCu allows clinicians to effectively and efficiently care for wounds towards complete healing.

Areas of Use

MedCu's wound dressings are easy to apply and remove, and are suitable for a wide variety of applications including:

- Diabetic Wounds
- Leg & Foot Ulcers
- Pressure Ulcers
- First and Second-Degree Burns
- Surgical Wounds



SKU	Size inches	Size cm	Absorption Weight/Weight	Adhesive Contour
2C-0506-01	2x2.4	5x6	750%	-
2C-1012-01	4x4.5	10x12	1000%	-
2C-1020-01	4x8	10x20	1000%	-
2C-2020-01	8x8	20x20	1000%	-
2C-0505-01a	4x4 Pad: 2.5x2.5	10x10 Pad: 5x5	750%	+
2C-1025-01a	4x10 Pad: 4x7.8	10x25 Pad: 5x20	750%	+
3C-1012-01	4x4.5	10x12	800%	-