

CASE STUDY | Exposed bone covered by granulation tissue in ischemic diabetic patient

Patient background and wound history

Patient SR was a 69-year-old with IDDM. She had end stage renal failure, hemodialysis, severe PVD with critical left foot ischemia, wet gangrene of plantar and medial aspect of the heel. After a successful angioplasty, a surgical debridement was performed, all the necrotic tissue was removed, and the calcaneal bone was exposed. Antibiotic treatment with Vancomycin and Ertapenem was given for 10 days based on results of tissue culture.



Baseline

Treatment

Following debridement, MedCu copper dressings were applied. The dressings were replaced daily with a new MedCu dressing. After eighteen days of MedCu treatment, the exposed bone was covered by new granulation tissue.



18 days of MedCu treatment

Clinical outcome

After application of MedCu copper dressings, the wound bed immediately began to improve. Throughout the treatment the wound reduced significantly in size. Three months into the MedCu treatment, wound closure continued at a steady pace.



2 months of MedCu treatment

Following the MedCu copper dressings applications, the exposed bone was covered with granulation tissue and the wound bed was improved.

NATURE + SCIENCE = BETTER WOUND CARE

MedCu's antimicrobial 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 antimicrobial 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 antibiotic-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 antimicrobial 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% | - |