

CASE STUDY | Necrotizing fasciitis arm ready for skin grafting in two weeks

Patient background and wound history

Patient BN was a 23-year-old male patient with renal failure. He arrived at the clinic with loss of skin and subcutaneous tissue due to necrotizing fasciitis of the forearm and wrist after his dialysis shunt had become infected. He had extensive necrotic and fibrinous tissue, which was treated initially with silver dressings for a week, without significant improvement.



Baseline

Treatment

After one week of treatment with silver-based dressings, the wound had pale granulation tissue with extensive fibrin and necrotic tissue. Therefore, the treatment plan was changed to applying MedCu copper dressings. After two weeks of MedCu treatment large islands of red granulation tissue replace the necrotic and fibrinous tissue.



2 weeks of MedCu treatment

Clinical outcome

Applying MedCu copper dressings proved to be a very successful treatment regime. After three weeks of MedCu treatment, the wound was full with dense red granulation tissue and ready for skin grafting.



3 weeks of MedCu treatment

MedCu copper dressings succeeded where silver dressings had failed. Within two weeks of treatment, the wound was ready for skin grafting.

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% | - |