

## CASE STUDY | 35% wound area reduction/week following angioplasty of the left leg

### Patient background and wound history

Patient JS was a sixty-year-old man with NIDDM. He underwent resection of the fifth metatarsal of the left foot due to chronic ulcer and osteomyelitis. As a result of insufficient wound healing, JS underwent successful percutaneous angioplasty of the left leg.



Baseline

### Treatment

Following the angioplasty, JS was treated with standard dressings and NPWT. No significant progress was observed in this time. Fourteen days post angiography, the wound measured 47 x 23 mm. Treatment regime was changed to standard absorbent dressings however, six days later the wound size remained steady, measuring 46 x 23 mm (2.5% area reduction/week). At this point, the clinical team began treatment with MedCu copper dressings.



9 days of MedCu treatment

### Clinical outcome

After nine days of using MedCu copper dressing, the wound size was reduced to 43 mm 13.5 mm (35% area reduction/week) with generation of deep red granulation tissue. A 45% area reduction was documented in the first nine-day interval. Treatment with MedCu dressings continued until the final wound closure, two months later.



2 months of MedCu treatment

**After switching to MedCu copper dressings, JS's wound was finally healed with 35% wound area reduction/week.**

# 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%	-