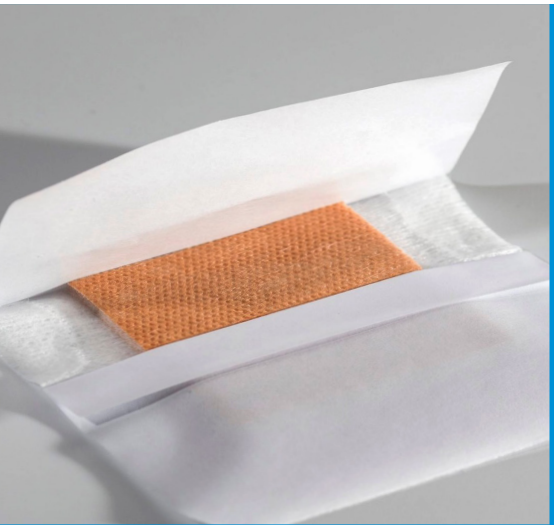
MEDCu



A New Standard in Wound Care

Innovative Copper-Based Dressings

MedCu wound dressings are the only FDA and CE cleared antimicrobial wound dressings impregnated with copper oxide particles in the market. These are single use dressings designed to address acute, post surgical and chronic wounds.

The Power of Copper

Copper has broad spectrum biocidal efficacy against bacteria, viruses and fungi and is an essential mineral for the human body. Copper has been used for health, medical and wellness purposes for thousands of years, dating back to ancient Egyptians, Romans, Indians and Aztecs. Copper is biocompatible and safe.

Antimicrobial Properties

MedCu dressings leverage 15 years of research and successful commercialization of copper impregnation into various fabrics and polymers. The company's unique propriety copper technology is protected by 30 patents worldwide and was implemented by the Israel Defense Forces (IDF) and tested for head-to-toe garments for NASA.

MedCu dressings are designed for placement directly on the wound surface and are made of an internal absorbent layer and external non-binding layer, both impregnated with copper oxide particles, with or without an adhesive contour. The sustained release of copper ions endows the dressings with potent wide spectrum antimicrobial properties. MedCu dressings are highly effective against a wide spectrum of microorganisms including antibiotic resistant bacteria such as VRE and MRSA.

15
years of research

More than 25
peer reviewed manuscripts published

30
patents worldwide

SKU	Size (cm)	Number of Layers	Adhesive Contour	Absorption Weight/Weight	Units per Box
2C-0506-01	5x6	2	-	750%	10
2C-1012-01	10x12	2	-	1000%	10
2C-1020-01	10x20	2	-	1000%	10
2C-2020-01	20x20	2	-	1000%	10
2C-0505-01a	10x10 (5x5 pad)	2	+	750%	10
2C-1025-01a	10x25 (5x20 pad)	2	+	750%	10
3C-1012-01*	10x12	3	-	800%	10

* available only in large quantities

Areas of Use

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

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

Benefits

- Strong protection against a broad spectrum of wound pathogens (including resistant bacteria)
- Easy adhering and removal
- Sustainable - can be used for up to 7 days
- Cutting option for optimal fit
- No need to prewett
- Cost effective compared to alternatives on the market

MedCu was founded by veterans in the biomed industry with a specialty in copper wellness bioactivities.

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23 year old male patient with renal failure on dialysis

Presented with necrotizing fasciitis from infected dialysis shunt. Necrotic and oozing tissue treated initially with silver dressings; wound was not affected.

Beginning
of treatment with MedCu copper oxide dressings

14 days
of treatment with MedCu copper oxide dressings

21 days
of treatment with MedCu copper oxide dressings. Wound ready for skin grafting

60 Year old non-insulin-dependent diabetes mellitus (NIDDM) male patient

Open wound following first ray amputation. The wound was initially treated with two consecutive vacuum-assisted closure (VAC) sessions.

Beginning
of treatment with MedCu copper oxide dressings

14 days
of treatment with MedCu copper oxide dressings resulted in significant increase in tissue granulation

26 days
of treatment with MedCu copper oxide dressings dramatically decreased wound volume

74 days
of treatment with MedCu copper oxide dressings led to complete closure of wound

Highlights

- **Efficient** — Protective barrier against a broad spectrum of wound pathogens
- **Quick** — Healing results visible within a week
- **Cost-effective** — High-quality product at accessible price points

Efficient, Rapid and Sustained Results

Case studies of the proven effect of copper-based dressings

78 year old diabetic female patient

Suffered from sepsis bacteremia and necrotizing fasciitis emanating from midfoot Charcot-neuroarthropathy, deformity, ulceration and necrotizing fasciitis. Underwent deep debridement, including necrotic dorsalis Pedis artery.

Wound condition post-operation

Beginning
of treatment with MedCu copper oxide dressings after 3 days of Milton treatment

8 days
of treatment with MedCu copper oxide dressings resulted in significant granulation despite lack of dorsal foot artery

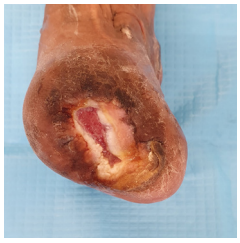
12 days
of treatment with MedCu copper oxide dressings. Intense encouraging granulation tissue can be seen

46 years old insulin-dependent diabetes mellitus (IDDM) female patient

Following Trans-Metatarsal Amputation treated with MedCu copper oxide wound dressings instead of vacuum-assisted closure (VAC) sessions.

Beginning
of treatment with MedCu copper oxide dressings after trans-metatarsal amputation

5 weeks
of treatment with MedCu copper oxide dressings



12 weeks
of treatment with MedCu copper oxide treatment

21 weeks
after treatment with MedCu copper oxide dressings, wound has closed

Sustained release of copper ions endows the dressing with potent wide spectrum antimicrobial properties