

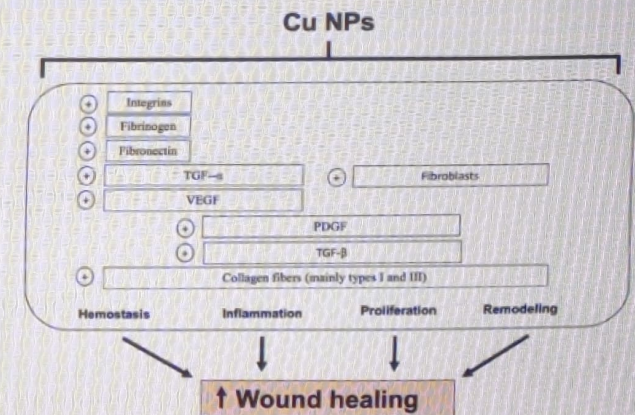
COPPER DRESSING: MUCH MORE THAN AN ANTIMICROBIAL

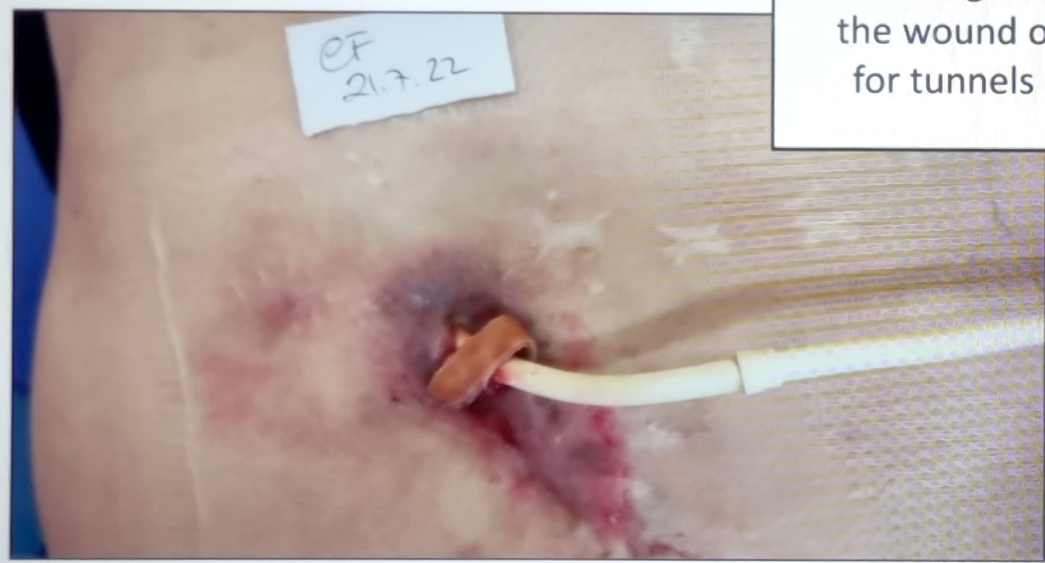
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Copper dressing properties

- Broad spectrum biocidal effect : MRSA, Vancomycin resistant Enterococci VRE, fungi and viruse. Significant reductions in bacterial colonisation on copper surfaces.
- Haemostatic effect: Platelet-derived growth factor(PDGF) stimulation
- Antioxidant effect: Superoxide dismutase SOD decreases reactive oxygen species generation and oxidative stress
- Angiogenesis stimulator: effect of copper binding on the biological activity of Angiogenin ANG and Vascular Endothelial Growth Factor (VEGF) in endothelial cells
- Matrix metalloproteinases (MMP) balance: metal-mediated activation of membrane receptors
- Wound healing :
 - Collagen tipe I, II and V stimulation
 - Remodeling of the extracellular matrix: formation of aldehyde cross-links on collagen and elastin
 - Epithelialization and keratinocytes: copper affect the expression of integrins involved during the final healing phase





Dressings can be trimmed to fit the wound optimally, appropriate for tunnels and deep wounds.



Copper dressing: internal absorbent layer and one or two external non-woven, non-adherent layers. All layers are impregnated with copper oxide particles. Efficient non-adherent and pain free removal. The dressing doesn't release exudate under pressure.



Chronic wound: The dressings are non-irritant, non-sensitizing, they guarantee protection of dry and fragile periwound skin.

