Long-fibre activated carbon cloth wound contact layer speeds healing of venous leg ulcers

NOVEL ANTIMICROBIAL PROPERTIES ARE PROBABLE MECHANISM

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Regenerative healing

1 Planarians regenerate all their body parts
2 Banana slugs regenerate eye stalks
3 Berkeley newts regenerate tail
4 Spiny mice shed skin to escape predation, regenerate hair and skin from bone marrow

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VLU

Zorflex VB-K in place 14 days

Wound heals in 27 days
Refractory VLU

Zorflex® improves wound bed preparation

Decreases pain
Senile skin w traumatic VLU

After 10 weekly visits to clinic, Active Carbon Cloth as a therapeutic contact layer stepped up healing
Refractory VLU (12 months in treatment)

Polycythemia

Stented L iliac vein

Active carbon cloth improves wound bed preparation
Traumatic Pretibial Wound
Cosmetic healing without skin grafts
Carbon Cloth + elastic compression
Summary
Anecdotal cares series--Activated Carbon Cloth contact layer appears to enhance Wound Bed Preparation.

References
Mouse study w Green Florescent Protein-bone marrow transplant,

“PDGFRα-positive cells in bone marrow are mobilized by high mobility group box 1 (HMGB1) to regenerate injured epithelia”

Katsuto Tamaia, Takehiko Yamazakia, Takenao Chinoa, King’s College London, Guy’s Hospital, London SE1 9RT, United Kingdom; Proceedings of National Academy of Science, April 19, 2011, vol. 108 no. 16

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