

EXTRACELLULAR MATRIX PROTEIN (AMELOGENIN) FOR WOUND TREATMENT ON A HARD-TO-HEAL VENOUS LEG ULCER

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Aim: Case of patient with a hard-to-heal venous leg ulcer (3 years) to evaluate the efficiency of a new advanced product consists of an extracellular (ECM) biocompatible protein – amelogenin, which when applied to the wound bed provides a temporary matrix for cell attachment.

Methods: This case study is presented that shows the treatment (using amelogenin) and progression of healing of patient with venous leg ulcer that had previously failed to heal despite standard treatment.

Results: Combined treatment with both, amelogenin and compression therapy, was able to heal this hard-to heal venous leg ulcer for more than 3 years.

Conclusions: The overall clinical impression of the product was very good, Xelma (amelogenin) was easy to use and could be applied under standard dressing types (eg Mepilex) and compression therapy, on a weekly basis. It was not painful for the patient and most importantly was successful in initiating an excellent healing response in this wound that had failed to heal when treated with standard dressing therapies.