

KWMS Guest session: Wound Management in Korea

63 CLINICAL EXPERIENCE OF CELL THERAPY FOR TISSUE RESTORATION

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The art and science of wound healing are complex and intriguing. During the past few decades, various wound healing technologies for promoting cell activity or minimizing scar formation have been developed and some of them are being actively used at present. Selecting an appropriate wound healing strategy according to the condition of the wound is crucial for successful wound healing in that it can minimize the risk of complications, enhance the speed of wound healing, and minimize scar formation after the wound has fully healed. During the last 15 years, lecturer has been interested in the development of new techniques and materials that can improve functional and aesthetic results in wound repair and/or soft tissue restoration through a procedure of the least degree of invasiveness.

In attempts for this regard, the lecturer has developed various types of cell transplantation including dermal fibroblasts, bone marrow stromal cells, platelets, keratinocytes, and adipose tissue derived stromal cells. This talk will aim to introduce clinical experiences of the lecturer in this field. In particular, cases of skin restoration after removal of skin cancer, bone and soft tissue restoration after trauma, wound healing, and soft tissue augmentation for aesthetic purpose will be presented.