

COMBINED TREATMENT OF COMPLICATED WOUNDS WITH PLATELET GEL AND COLLAGEN / ORC: A NOVEL APPROACH IN MODERN WOUND MANAGEMENT

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A multidisciplinary approach for the care of people with complicated wounds is propagated as a critical success factor in many textbooks and articles on the topic. Also, the choice of proper local care for these wounds has a bearing on the outcome for the individual patient.

The authors have achieved positive results with a Collagen/ORC wound matrix* where other treatments failed to yield these results. Similar observations with Platelet Gel Treatment** were established. Neither of these treatments however was able to show consistent improvement in ALL patients/wounds. Based on a recent publication on synergistic effects of combining the two mentioned technologies (Kakagia et al, 2007) the team was stimulated to start this combination in patients.

Aim: Observational study of combination of both treatments (n=18 wounds in 12 patients).

Methods: Patients with wounds stagnant for at least six weeks were enrolled in this observational study (DFU, VLU, radiation ulcers, Traumatic ulcers) and treated by application of platelet gel, collagen/ORC and another layer of platelet gel. After one week the treatment was continued by application of collagen/ORC, 1-2 times weekly. After four weeks this treatment was continued or closure was further enhanced by daily application of collagen/ORC and becaplermin***. After six weeks the patient was re-evaluated for a second cycle as described above

Results: Seven wounds (58%) healed within three weeks, three healed within a month after the second cycle; four did not heal but showed progression and in one patient the wound had deteriorated during the treatment and a 5th ray amputation was needed

Conclusions/discussion: In this small observational study the positive results proved motivational and promising for both the patients and the treatment team. Larger scale study is needed and the importance of the multidisciplinary approach cannot be overemphasized

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