

27. DIBUCELL ACTIVE BIODEGRADABLE DRESSING IN TREATMENT OF CHRONIC VENOUS ULCERS – A SERIES OF CASES

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Introduction. Venous trophic ulcers are a common clinical entity, affecting 0.3% - 1% of the adult population, being associated with a significant reduction in quality of life. Most studies note the predominance of females, the ratio of women:men ranging from 1,5:1 to 10:1. The treatment is lasting, often with low efficacy, a high recurrence and requires a multidisciplinary approach.

Case presentation. A prospective study was conducted on 5 patients with venous trophic ulcers, associated with hypertension, treated in Septic Surgery Department (IMU) during 2021. Patient selection criteria: active venous ulcer, adults >18 years, administration of topical treatment. The treatment with DibuCell Active was performed according to the scheme proposed by the manufacturer without any other local treatment. The dynamics of epithelialization of the ulcers and duration of treatment was analysed. The surface dynamics of ulcers was evaluated by using computerised analysis of digital images according to the ImageJ program.

Discussion. According to the duration of treatment and the size of the ulcer, the patients were divided into: I lot (ulcer <5cm²) complete epithelialization in 20 days – 2; II lot (ulcer - 5-10cm²) complete epithelialization in 30 days – 2; III lot (ulcer >10cm²) complete epithelialization in 90 days – 1.

Conclusion. The new therapeutic approach in the control of chronic venous ulcers - the biodegradable dressing DibuCell Active has a major effectiveness by increasing epithelialization and reducing the duration of treatment. Also, the biodegradable dressing DibuCell Active, minimises the trauma of the newly formed granules and ensures an optimal environment for increase of the healing.