



WOUND HEALING

A PROMISING NEW ELEMENT FOR WOUND HEALING; BORON: IT WAS SUCCESSFUL IN A CASE OF CHRONIC VENOUS ULCER

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Background: Chronic wounds are among major challenges of several clinics including dermatology and poses a major health burden with high morbidity and mortality rates worldwide. Patients with chronic wounds also usually need hospitalization so socioeconomic issues and other problems like nosocomial infections can occur in addition.

Observation: We want to present our patient who had a chronic (non-healing) wound on the posterolateral side of his left ankle for nearly one year and reaped the benefit of topical application of a boron containing hydrogel. We carried out negative pressure wound therapy also but this intervention was applied for only two times and according to us, boron based hydrogel contributed much more to the healing.

Key message: Developing new, safe, self-applicable, effective and cheap wound care products is an attractive area of research and boron has been gaining attention in this topic with its wound healing effects.

Keywords: boron; wound healing; negative pressure wound therapy; chronic ulcer

