

Contact burn healing: Skin regeneration *

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Abstract

Contact burns may result in severe burn injury due to prolonged transfer of heat from an object to the skin. Severity of burn injury is related to the rate at which heat is transferred from the heating agent to the skin. This case had contact burn at Rt. heel of burn resulting from motorcycle exhaust pipe. Intervention procedures were mentioned by applying collagen gel, which encourage the deposition and organization of newly formed collagen fibers and granulation, then covering with Soft Silicone dressing with silver offers in wound at high risk of infection and manage exudates. About 3 months after starting wound care. The contact burn injury was covered with epithelium and continued using collagen lotion until the wound healed.

Key word: Contact burn, Soft Silicone dressing with silver, Collagen gel

Introduction

Contact burns may result in severe burn injury due to prolonged transfer of heat from an object to the skin. Severity of burn injury is related to the rate at which heat is transferred from the heating agent to the skin¹. It tends to cause full thickness burns. The most important first action is to stop the burning process. The source of the burn should promptly be removed and treat the wound according to a severity of burn injury².

In case has contact burn at heel that's thick epidermis layers, there is a risk of injury, of hurting deeper skin layers as well as of an infection developing. The treatment will therefore have

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