



Trapeze flap for correction of post burn finger contractures

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Background and Objective: Scar flexion contractures of the fingers are a significant complication of burns of the hand and they are a common cause of hand disability. Many reconstructive techniques are currently used and new procedures are being investigated. The objective is to evaluate the Trapeze flap for correction of post burn finger contractures.

Methods: This is a prospective study conducted in Rizgary teaching hospital and private hospitals in Erbil-Iraq from May' 2013 to Jun' 2017. The data of 48 patients (103 fingers) with post burn contractures treated with Trapeze flap were included. Follow-up results were observed from six months to one year after surgery. Full finger active flexion and active extension was regarded as a good result.

Results: The results were good with full restoration of finger motion in 45 patients (94%). Partial flap necrosis happened in two patients (4%). Mild scar contractures were found in three patients (6.25%) which were caused by infection and partial flap necrosis. Patients' satisfaction rate was above 90%.

Conclusions: Trapeze flap is a reliable and effective local flap for correcting post burn finger contractures.

Biography: Jalal Hamasalih Fattah is an Assistant professor in Plastic Surgery and the Head of plastic surgery unit at the college of medicine/HMU in Erbil-Iraq. He Graduated from College of Medicine, Salahaddin University in 1994 in Erbil. He has received High Diploma in General surgery in 2002. Got Iraqi Board in plastic and reconstructive surgery in 2008 in Baghdad. Got European Board in Plastic, reconstructive, and aesthetic surgery in 2010 in Switzerland. He works as a plastic Surgeon at Rizgary teaching hospital and CMC Private Hospital in Erbil. He is a Member of ISRAS, ASPS, and ISAPS. He is also the Director of Erbil center of KBMS of plastic surgery. He has published nine articles in the field of plastic surgery.

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