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Usage of ultra-thin split thickness skin graft in the treatment of post burn hypopigmentation and vitiligo

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One of the offensive sequel as of burn is permanent skin hypopigmentation that can occur on donor site, graft site and spontaneously healed burnt areas. These patients and also patients with vitiligo, seek many treatments that may not be perfect.

After abrasion on areas with hypopigmentation and vitiligo, we covered the iatrogenic wound with ultra-thin skin harvested from proximal thigh (nonexposed area) with surgical knife (epiderm-melanocyte with very thin derm autotransplantation). Patients and physician satisfaction were excellent and good due to serial photography and a five-point Likert scale. Due to our work, this type of vitiligo and post burn hypopigmentation treatment have many advantages: effective, fast and with nearly immediate result, less expensive, easy to do, possible with local anesthesia and in office. We recommend this procedure as effective and cost effective treatment of vitiligo and post burn hypopigmentation.

Biography

Mehdi Ayaz has graduated in General Surgery at the age of 36 from Shiraz University of Medical Sciences, Iran. He is the Chairman of Ghotbodin Burn Center & Burn Committee in Shiraz. He published several papers in ISI Journals. Shiraz Burn Research Center, Ghotbeddin Shirazi burn hospital, East Fakhr Abad St, Shiraz, Iran.

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