

## عنوان مقاله:

Advances in skin and wound care

## محل انتشار:

اولین کنگره بین المللی مهندسی بافت و پزشکی بازساختی ایران (سال: 1397)

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## خلاصه مقاله:

For centuries, skin grafts have been successfully used as coverage over acute and chronic wounds. This wide application has made skin the most transplanted organ in the body. Split-thickness skin grafts (STSGs) are commonly used to help close burn wounds, melanomas and chronic wounds, however STSGs are often associated with donor-site damage and low expansion ratios. Cosmetic outcome is another drawback to traditional skin grafting. Novel and very different approaches to skin grafting including an automated epidermal harvesting system and skin copying or autologous regeneration of tissue are low-risk skin grafting technologies that are coming to fruition make skin grafting a lot easier and more practical and broaden the applications for grating by saving the donor-site. Laser is amazing for scars, it heals the scar to almost normal skin

## کلمات کلیدی:

Skin graft, Acute and chronic wounds, Automated epidermal harvesting system, Autologous regeneration, Laser

## لینک ثابت مقاله در پایگاه سیویلیکا:

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