

**Ausgabe:** face & body 2/2019

**Thema:** Medical Needling – Auswirkungen einer idealen Therapie

**Autor:** Antigonu Aliu, Priv.-Doz. Dr. med. Matthias Aust

**Literatur:**

1. Ferguson MWJ, O'Kane S, Ferguson MW, et al.: Scarfree healing: from embryonic mechanisms to adult therapeutic intervention. *Philos Trans R Soc Lond B Biol Sci* 359:839-850 2004; 359: 839–50
2. Aust MC, Reimers K, Repenning C, et al.: Percutaneous collagen induction: minimally invasive skin rejuvenation without risk of hyperpigmentation - fact or fiction? *Plastic and reconstructive surgery* 2008; 122: 1553–63
3. Herrmann K, Trinkkeller U. *Dermatologie und medizinische Kosmetik: Leitfaden für die kosmetische Praxis*, 2nd edn. Springer E-book Collection. Berlin: Springer, 2007
4. Bombaro KM, Engrav LH, Carrougher GJ, et al.: What is the prevalence of hyper-trophic scarring following burns? *Burns* 2003; 29: 299–302
5. Slemple AE, Kirschner RE: Keloids and scars: a review of keloids and scars, their pathogenesis, risk factors, and management. *Current opinion in pediatrics* 2006; 18: 396–402
6. Cheng B, Liu H-W, Fu X-B: Update on pruritic mechanisms of hypertrophic scars in postburn patients: the potential role of opioids and their receptors. *Journal of burn care & research : official publication of the American Burn Association* 2011; 32: e118-25
7. Forbes-Duchart L, Cooper J, Nedelec B, et al.: Burn therapists' opinion on the application and essential characteristics of a burn scar outcome measure. *Journal of burn care & research : official publication of the American Burn Association* 2009; 30: 792–800
8. Anthonissen M, Daly D, Peeters R, et al.: Reliability of Repeated Measurements on Post-Burn Scars with Corneometer CM 825((R)). *Skin research and technology : official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI)* 2015; 21: 302–12
9. Busche MN, Roettger A, Herold C, et al.: Evaporative Water Loss in Superficial to Full Thickness Burns. *Annals of plastic surgery* 2016
10. Cohen S: An investigation and fractional assessment of the evaporative water loss through normal skin and burn eschars using a microhygrometer. *Plastic and reconstructive surgery* 1966: 475–86
11. Meaume S, Le Pillouer-Prost A, et al.: Management of scars: updated practical guidelines and use of silicones. *European journal of dermatology : EJD* 2014; 24: 435–43
12. Choi YH, Kim KM, Kim HO, et al.: Clinical and histological correlation in post-burn hypertrophic scar for pain and itching sensation. *Annals of dermatology* 2013; 25: 428–33
13. Bandyopadhyay B, Fan J, Guan S, et al.: A "traffic control" role for TGFbeta3: orchestrating dermal and epidermal cell motility during wound healing. *J Cell Biol.* 2006, 172:1093-1105.
14. Armour A, Scott PG, Tredget EE: Cellular and molecular pathology of HTS: basis for treatment. *Wound repair and regeneration: official publication of the Wound Healing Society [and] the European Tissue Repair Society* 2007; 15 Suppl 1: S6-17
15. Berman B, Viera MH, Amini S, et al.: Prevention and management of hypertrophic scars and keloids after burns in children. *J Craniofac Surg.* 2008, 19:989-1006.  
10.1097/SCS.0b013e318175f3a7
16. Chang HY, Sneddon JB, Alizadeh AA, et al.: Gene expression signature of fibroblast serum response predicts human cancer progression: similarities between tumors and wounds. *PLoS biology* 2004; 2: E7