

Eigenfett zur Behandlung chronischer Wunden

Zwischenergebnisse einer prospektiv-randomisierten Studie

OLIVER C. THAMM, CLARA DEKKER, KAI SCHRÖDER, MICHAEL BROCKMANN, PAUL C. FUCHS
BERLIN, KÖLN

1. Köster I, Schubert I (2015) Epidemiologie und Versorgung von Patienten mit chronischen Wunden. Eine Analyse auf der Basis der Versichertenstichprobe AOK Hessen/KV Hessen. Modul 1: Falldefinitionen und administrative Prävalenzschätzungen. (PMV Forschungsgruppe)
2. Purwins S, Herberger K, Debus ES, et al (2010) Cost-of-illness of chronic leg ulcers in Germany. *Int Wound J* 7: 97–102
3. Brittenden J, Baker P, Bray J, et al (2010) Management of chronic venous leg ulcers: a national clinical guideline. NHS Quality Improvement Scotland (NHS QIS), Scottish Intercollegiate Guidelines Network
4. Nambu M, Kishimoto S, Nakamura S, et al (2009) Accelerated wound healing in healing-impaired db/db mice by autologous adipose tissue-derived stromal cells combined with atelocollagen matrix. *Ann Plast Surg* 62: 317–321
5. Kim W-S, Park BS, Sung JH, et al (2007) Wound healing effect of adipose-derived stem cells: A critical role of secretory factors on human dermal fibroblasts. *J Dermatol Sci* 48: 15–24
6. Stasch T, Hoehne J, Huynh T, et al (2015) Débridement and autologous lipotransfer for chronic ulceration of the diabetic foot and lower limb improves wound healing. *Plast Reconstr Surg* 136: 1357–1366
7. Coleman SR (1995) Long-Term survival of fat transplants: Controlled demonstrations. *Aesthetic Plast Surg* 19: 421–425
8. Rigotti, G. Marchi, Galiè M, et al (2007) Clinical treatment of radiotherapy tissue damage by lipoaspirate transplant: a healing process mediated by adipose-derived adult stem cells. *Plast Reconstr Surg* 119: 1409–1422
9. Mojallal A, Lequeux C, Shipkov C, et al (2009) Improvement of skin quality after fat grafting: Clinical observation and an animal study. *Plast Reconstr Surg* 124: 765–774
10. Phulpin B, Gangloff P, Tran N, et al (2009) Rehabilitation of irradiated head and neck tissues by autologous fat transplantation. *Plast Reconstr Surg* 123: 1187–1197
11. Yang HJ, Kim KJ, Kim MK, et al (2014) the stem cell potential and multipotency of human adipose tissue-derived stem cells vary by cell donor and are different from those of other types of stem cells. *Cells Tissues Organs* 199: 373–383
12. Darby IA, Zakuan N, Billet F, Desmoulière A (2016) The myofibroblast, a key cell in normal and pathological tissue repair. *Cell Mol Life Sci* 73: 1145–1157
13. Hinz B (2016) The role of myofibroblasts in wound healing. *Curr Res Transl Med* 64: 171–177