

Minimal invasive Techniken der Gesichtsverjüngung

DETLEV HEBEBRAND
ROTENBURG

1. Iblher N, Penna V, Stark GB (2014) Morphologiebasierte Chirurgie des alternden Gesichts – Face 01-2014
2. Iblher N, Gladilin E, Stark GB (2013) Soft-tissue mobility of the lower face depending on positional changes and age: a three-dimensional morphometric surface analysis. *Plast Reconstr Surg* 131: 372–381
3. Köhler S (2017) Langzeitbehandlung von Blepharospasmus mit den Neurotoxinen Botox®, Xeomin® und Dysport®. Dissertation Hannover 2017
4. Czerny V (1957) In: *Neue Deutsche Biographie (NDB)*. Duncker & Humblot, Berlin, S. 461
5. Goldwyn RM (1980) The paraffin story. *Plast Reconstr Surg* 65: 517–524
6. Zhukova O, Dydykin S, Kubíková E, et al (2022) A new complex minimally invasive thread lift method for one-time three-step fixation of the face and neck soft tissues. *Arch Plast Surg* 49: 296–303
7. Mastroluca E, Patalano M, Bertossi D (2021) Minimally invasive aesthetic treatment of male patients: The importance of consultation and the lower third of the face. *J Cosmet Dermatol* 20: 2086–2092
8. Cotofana S, Moellhoff N, Frank K, et al (2021) Biomechanical concepts of the aging face. *J Ästhet Chir*: 1–9
9. Sonnet M (2019) Microneedling plus PRP/TCA verjüngt die Gesichtshaut. *Ästhet Dermatol Kosmetol* 11: 16
10. Beleznyay K, Carruthers JDA, Humphrey S, et al (2019) Update on avoiding and treating blindness from fillers: a recent review of the world literature. *Aesthet Surg J* 39: 662–674
11. Wibowo A, Kapoor KM, Philipp-Dormston WG (2019) Reversal of post-filler vision loss and skin ischaemia with high-dose pulsed hyaluronidase injections. *Aesthetic Plast Surg* 43: 1337–1344
12. Wu WTL (2013) Nichtchirurgisches Facelifting durch lange, mit Widerhaken versehene Schlingennähte. *J Ästhet Chir* 6: 13–20
13. Pavicic ST, Gauglitz GG, Lersch P, et al (2011) Efficacy of cream-based novel formulations of hyaluronic acid of different molecular weights in anti-wrinkle treatment. *J Drugs Dermatol* 10: 990–1000
14. Lafaille P, Benedetto A (2010) Fillers: contraindications, side effects and precautions. *J Cutan Aesthet Surg* 3: 16–19
15. American Society for Aesthetic Plastic Surgery, ASAPS (2011) 15th annual cosmetic surgery national data bank statistics. <http://www.surgery.org/sites/default/files/ASAPS-2011-Stats.pdf>
16. Vereinigung der Deutschen Ästhetisch-Plastischen Chirurgen, VDÄPC (2022) *Behandlungsstatistik 2022*
17. Lewis MB, Bowler PJ (2009) Botulinum toxin cosmetic therapy correlates with a more positive mood. <https://doi.org/10.1111/j.1473-2165.2009.00419.x>
18. Fritz K, Borelli C, Imhof L (2022) *Ästhetische Dermatologie*, 28. FOBI München, 14. Juli 2022
19. Taub AF, Tucker RD, Palange A (2012) Facial tightening with an advanced 4-MHz monopolar radiofrequency device. *J Drugs Dermatol* 11: 1288–1294
20. Jones JK (2013) Nonsurgical skin tightening with three heat-producing devices: Thermage, Exilis, and Ulthera. *Plast Aesthet Nursing* 33: 137–139
21. Sukvanicharat P, Panyasiripan N, Thaichinda S, et al (2018) Electroencephalographic study of pluse electromagnetic field in Venus Freeze™ treatment: A case study. 2018 International ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering (ECTI-NCON)
22. Somenek MT, Ronan SJ, Pittman TA (2021) A multi-site, single-blinded, prospective pilot clinical trial for non-invasive fat reduction of the abdomen and flanks using a monopolar 2 MHz radiofrequency device. *Lasers Surg Med* 53: 337–343
23. Pereira TRC, Vassão PG, Venancio MG, et al (2017) Non-ablative radiofrequency associated or not with low-level laser therapy on the treatment of facial wrinkles in adult women: a randomized single-blind clinical trial. *J Cosmet Laser Ther* 19: 133–139
24. Oliveira Paggiaro A, Pinheiro R, Soares K, et al (2021) Evaluation of the evidence level for the use of radiofrequency in aesthetic treatments: a systematic review and meta-analysis. *J Cosmet Dermatol* 20: 2691–2702
25. Halepas S, Chen XJ, Ferneini EM (2020) Thread-lift sutures: anatomy, technique, and review of current literature. *J Oral Maxillofac Surg* 78: 813–820
26. Khiabanloo SR, Jebreili R, Aalipour E, et al (2019) Outcomes in thread lift for face and neck: a study performed with Silhouette Soft and Promo Happy Lift double needle, innovative and classic techniques. *J Cosmet Dermatol* 18: 84–93

27. Dover J, Burns J, Coleman S, et al (2009) A prospective clinical study of noninvasive cryolipolysis for subcutaneous fat layer reduction – interim report of available subject data. *Laser Surg Med* 52: 45
28. Coleman SR, Sachdeva K, Egbert BM, et al (2009) Clinical efficacy of noninvasive cryolipolysis and its effects on peripheral nerves. *Aesth Plast Surg* 33: 482–488
29. Manstein D, Laubach H, Watanabe K, et al (2009) Selective cryolysis: A novel method of non invasive fat removal. *Lasers Surg Med* 40: 595–604
30. Kruglikov IL (2018) Sehr hochfrequenter Ultraschall in der ästhetischen Medizin und Chirurgie. *J Ästhet Chir* 11: 124–129
31. Muggenthaler F (2018) Ästhetische Peelings. *J Ästhet Chir* 11: 115–120
32. Birk R, Muggenthaler F (2018) Megatrends in der ästhetischen Medizin: neue und etablierte Verfahren. *J Ästhet Chir* 11: 104–105
33. Stoian AP, Hainarosie R, Pietrosanu C, et al (2019) Modern concepts in non-surgical esthetics; a review. *J Mind Med Sci* 6: 190–195
34. Kaye K (2022) Ein erweitertes Facelift-Behandlungskonzept. *J Ästhet Chir* 15: 153–161
35. Gülbitti HA, Colebunders B, Pirayesh A, et al (2018) Thread-lift sutures: still in the lift? A systematic review of the literature. *Plast Reconstr Surg* 141: 341e–347e
36. Capla JM, Rubin JP (2011) Discussion: randomized sham-controlled trial to evaluate the safety and effectiveness of a high-intensity focused ultrasound device for noninvasive body sculpting. *Plast Reconstr Surg* 128: 263–264
37. McKeown DJ, Payne J (2021) Significant improvement in body contour with multiple cycles of CoolSculpting: results of a prospective study. *Dermatol Ther* 34: e14850
38. Hwang CI, Kim KK, Lee KR (2020) Cryolipolysis-induced abdominal fat change: split-body trials. *PLOS ONE* 15: e0242782
39. Duncan DI, Busse M (2023) Effectiveness of combined use of targeted pressure energy, radiofrequency and high-intensity focused electromagnetic fields to improve skin quality and appearance of fat and muscle tissue in different body parts. *J Cosmet Dermatol* 22: 200–205