

References

1. Breathnach AS. Aspects of epidermal ultrastructure of human skin. London, Churchill, 1971
2. Stock W, Mäurer J, Felix R. Zur Kenntnis der normalen Schnittbildanatomie der Haut in der hochauflösenden Magnetresonanztomographie. *Der Hautarzt* 1997; 48: 26-30
3. Langer K. Zur Anatomie und Physiologie der Haut. I. Über die Spaltbarkeit der Cutis. Sitzungsbericht der Mathematisch-naturwissenschaftlichen Classe der Kaiserlichen Academie der Wissenschaften, 1862, 44:19
4. Borges AF, Alexander JE. Relaxed skin tension lines. Z-plasties on scars, and fusiform excision of lesions. *Brit J Plast Surg* 1962; 15: 242
5. Letourneau A, Daniel RK. The superficial musculocutaneous system of the nose. *Plastic and Reconstr Surg* 1988; 82: 48-52
6. Gossain AK, Yousif NJ, Madiedo G, Larson DL, Matloub HS, Sanger JR. Surgical anatomy of the SMAS: A re-investigation. *Plastic and Reconstr Surg* 1993; 92: 1264-1265
7. Gossain AK. Does a superficial musculocutaneous system exist in the face and neck? An anatomical study by the tissue plastination technique. *Plast Reconstr Surg* 2003; 111: 673-675
8. Iggo A. Cutaneous and subcutaneous sense organs. *Brit Med Bull* 1977; 33: 97
9. Winkelmann RK. The Merkel cell system and a comparison between it and the neurosecretory or APUD cell system. *J Invest Derm* 1977; 69: 41-46
10. Breathnach AS. Electron microscopy of cutaneous nerves and receptors. *J Invest Derm* 1977; 69: 8-26
11. Zottermann Y. Sensory functions of the skin in primates. Oxford, Pergamon Press, 1976
12. Hensel H. Thermoreceptors. *Ann Rev Physiol* 1974; 36: 233-249
13. Szabo G. The number of eccrine sweat glands in human skin. In: *Advances in Biology*, Vol.3, Montagna W, Ellis RA, Sivler AF (ed), Oxford, Pergamon Press, 1962, 1
14. Schaumberg-Lever G, Lever WF. Secretions from human apocrine glands. *J Invest Derm* 1975; 64: 38
15. Miles AEW. Sebaceous glands in oral and lip mucosa. In: *Advances in Biology*, Vol.4, Montagna W, Ellis RA, Sivler AF (ed), Oxford, Pergamon Press, 1963, 64
16. Hyman B, Gruiducci AA. Ectopic sebaceous glands. In: *Advances in Biology*, Vol.4, Montagna W, Ellis RA, Sivler AF (ed), Oxford, Pergamon Press, 1963, 78
17. Henriksen O, Nielsen SL, Paaske WP, Sejrsen P. Autoregulation of blood flow in human cutaneous tissue. *Acta Physiol Scand* 1973; 89: 538-543
18. Halloway jr. GA, Watkins DW. Laser doppler measurement of cutaneous blood flow. *J Invest Derm* 1977; 69: 306-309
19. Ryan TJ. The blood vessels of the skin. *J Invest Derm* 1976; 67: 110
20. Montagna W, Parakkal P. The structure and function of skin. 3 ed, London, Academic Press, 1974
21. Scheithauer MO, Dohr D, Riechelmann H. Funktionelle Ergebnisse nach primärer kombinierter perkutaner/interstitieller Strahlentherapie bei Kopf-Hals-Tumoren. *Laryngo-Rhino-Otol* 2002; 81: 1-6
22. Weerda H. Rekonstruktion des Ohres oder der Ohrregion bei Hautverlust oder Verbrennung. *Laryngorhinootologie* 2003; 82: 302-304
23. Segantini P. Angiologische Aspekte der lokalen Erfrierung. *Z Unfallmed Berufskr* 1980; 73: 171-174
24. Weerda H. Das frische Ohrmuscheltrauma. *HNO* 1996; 44: 701-709
25. Weerda H. Das Ohrmuscheltrauma. *HNO* 1980; 28: 209-217
26. Wenzel FG, Horn TD. Nonneoplastic disorders of the eccrine glands. *J Am Acad Dermatol* 1998; 38: 1-17
27. Vesper M, Heiland M, Flinzberg S, Schmelzle R. Klinische Ergebnisse der Resensibilisierung von Radialislappen und Musculus-latisimus-dorsi-Transplantaten. *Mund-Kiefer-Gesichts Chir* 2002; 6: 323-330
28. Urken ML, Weinberg H, Vickery C, Biller HF. The neurofasciocutaneous radial forearm flap in head and neck reconstruction: a preliminary report. *Laryngoscope* 1990; 100: 161-173
29. Quante M, Lorenz J, Vesper M, Bretschneider B, Schmelzle R, Bromm B. Sensory reinnervation of myocutaneous flaps revealed by infrared laser evoked sensations and brain potentials. *Neurorehabil-Neural-Repair* 2003; 17: 58-65
30. Terzis JK. Functional aspects of reinnervation of free skin grafts. *Plast Reconstr Surg* 1976; 58: 142
31. Rudolph R, Fisher JC, Ninnemann JL: Innervation von Hauttransplantaten. In: Rudolph R, Fisher JC, Ninnemann JL (Hrsg), *Hauttransplantationen*. Stuttgart, New York: Thieme, 1989: 72-73
32. Janeway CA, Travers P, Walport M, Shlomchik MJ. *Immunobiology*, 5th ed, New York: Churchill Livingston, 2001, 248-249
33. Schuler G, Thurner B, Romani N. Dendritic cells: from ignored cells to major players in T-cell mediated immunity. *Int Arch Allergy Immunol* 1997; 112: 317-322
34. Stingl G, Bergstresser PR. Dendritic cells: a major story unfolds. *Immunology Today* 1995; 16: 330-333
35. Leach J. Proper handling of soft tissue in the acute phase. *Fac Plast Surg* 2001; 17: 227-238
36. Zitelli JA. Secondary intention healing: An alternative to surgical repair. *Clin Dermatol* 1984; 2: 92-106
37. Scheithauer MO, Riechelmann H. Grundlagen der kutanen Wundheilung. Übersicht Teil I. *Laryngo-Rhino-Otol* 2003; 82: 31-35
38. Vogt PM. Kutane Wundheilung: Untersuchungen zum Einfluß von Wundmilieu und gentechnisch modulierten

- Keratinozytentransplantaten auf die epidermale Wundheilung. Berlin, Heidelberg, New York: Springer, 1998, 24-36
39. Field CK, Kerstein MD. Overview of healing in a moist environment. *Am J Surg* 1994; 167 (Suppl): 2S-6S
40. Quinn J, Lowe L, Mertz M. The effect of a new tissue-adhesive wound dressing on the healing of traumatic abrasions. *Dermatology* 2000; 201(4): 343-346
41. Noordzji JP, Foresman PA, Rodeheaver GT, Quinn JV, Edlich RF. Tissue adhesive wound repair revisited. *J Emerg Med* 1994; 12 (5): 645-649
42. O'Grady KM, Agrawal A, Bhattacharyya TK, Shah A, Toriumi DM. An evaluation of fibrin tissue adhesive concentration and application thickness on skin graft survival. *Laryngoscope* 2000; 110(11): 1931-1935
43. Hove CR, Williams EF III, Rodgers BJ. Z-Plasty: a concise review. *Fac Plast Surg* 2001; 17(4): 289-293
44. Rodgers BJ, Williams EF III, Hove CR. W-plasty and geometric broken line closure. *Fac Plast Surg* 2001; 17(4): 239-244
45. Haas E. Grundlagen der plastisch-rekonstruktiven Versorgung von Defekten im Schädel- und Gesichtsbereich. *Arch Oto-Rhino-Laryngol* 1977; 216: 1-121
46. Andina F. Die freien Hauttransplantationen. Berlin, Heidelberg, New York: Springer 1970
47. Walter C. Die Verwendung von freien Transplantaten und Schwenklappen bei der rekonstruktiven Chirurgie der Nase. *Z Laryng Rhinol* 1968; 47: 265
48. Walter C. Survey of the use of composite grafts in the head and neck region. *Otolaryngologic Clinics of North America* 1972; 5: 571
49. Bootz F, Müller GH. Der freie Unterarm-lappen zur Defektdeckung im Pharynx- und Mundhöhlenbereich. *HNO* 1988; 36: 462
50. Marx RE. Mandibular reconstruction - Advances in oral and maxillofacial surgery, 1943-1993. *J Oral Maxillofacial Surg* 1993; 51(5): 466-479
51. Percival NJ, Earley MJ. Pharyngostome closure using the radial forearm free flap. *Br J Plast Surg* 1989; 42: 473
52. Cordeiro PG, Santamaria E. A classification system and algorithm for reconstruction of maxillectomy and midfacial defects. *Plast Reconstr Surg* 2000; 105: 2331-2346
53. Riediger D. Restoration of mastatory function by microsurgically revascularized iliac crest bone grafts using enosseous implants. *Plast Reconstr Surg* 1988; 81: 861-876
54. Swanson E, Boyd JB, Manktelow RT. The radial forearm flap: reconstructive applications and donor-site defects in 35 consecutive patients. *Plast Reconstr Surg* 1990; 85: 258-266
55. Bootz F, Biesinger E. Reduction of complication rate at radial forearm flap donor site. *Oto-Rhino-Laryngol* 1990; 53: 160-164
56. Ariyan S. Pectoralis major musculocutaneous flap - a versatile flap for reconstruction of the head and neck. *Plast Reconstr Surg* 1979; 63: 73-81
57. Shumrick KA, Smith TL. The anatomic basis for the design of forehead flaps in nasal reconstruction. *Arch Otolaryngol Head Neck Surg* 1992; 118: 373-379
58. Peers M. Cheek flaps in partial rhinoplasty. A new variation: The in-and-out flap. *Scand J Plast Surg* 1967; 37: 1
59. Baker SR. Local cutaneous flaps. *Otolaryngol Clin N Am* 1994; 27(1): 139-159
60. Clark MJ, Wang TD. Local flaps in scar revision. *Fac Plast Surg* 2001; 17(4): 295-308
61. Burrow A v.. Beschreibung einer neuen Transplantationsmethode (Methode der seitlichen Dreiecke) zum Wiederersatz verlorengegangener Teile des Gesichts (zit. n. v. Bruns), Berlin 1856
62. Johnson TM, Swanson N, Baker SR. Concepts of sliding and lifting tissue movement in flap reconstruction. *Dermatol Surg* 2000; 26: 274-278
63. Shumrick KA, Smith TL. The anatomic basis for the design of forehead flaps in nasal reconstruction. *Arch Otolaryngol Head Neck Surg* 1992; 118: 373-379
64. Marchac D, Toth B. The axial frontonasal flap revisited. *Plast Reconstr Surg* 1985; 76(5): 686-694
65. Limberg A. Plastic interchange in triangular flaps. *Stomat* 1928; 2: 74
66. Dufourmentel C, Mouly R. Chirurgie plastique. Paris : Edition Médicales Flammarion, 1959
67. Esser JFS. Gestielte lokale Lappenplastik mit zweizipfligen Lappen, Deckung des sekundären Defekts vom ersten Zipfel durch den zweiten. *Dtsch Z Chir* 1918; 143: 385
68. Tardy ME jr, Tenta LT, Azem K. The bilobed flap in nasal repair. *Arch Otolaryngol (Chicago)* 1972; 95: 1
69. Zitelli JA. The bilobed flap for nasal reconstruction. *Arch Derm* 1989; 125(7): 957-959
70. Rettinger G. Plastisch-rekonstruktive Gesichtschirurgie. In: Theissing J. *HNO-Operationslehre*, 3. Aufl. Stuttgart, New York: Thieme, 1996, 27-28, 324-325
71. Converse JM, Wood-Smith D. Experience with the forehead island flap with the subcutaneous pedicle. *Plast Reconstr Surg* 1963; 31: 521
72. Imre J. Lidplastik und plastische Operationen anderer Weichteile des Gesichts. Budapest: Studium Verlag, 1928
73. Radovan C. Tissue expansion in soft-tissue reconstruction. *Plast Reconstr Surg* 1984; 74: 482-492
74. Baker SR, Swanson NA. Tissue expansion of the head and neck. Indications, technique, and complications. *Arch Otolaryngol Head Neck Surg* 1990; 116: 1147-1153
75. Johnson TM, Lowe L, Brown MD, Sullivan MJ, Nelson BR. Histology and physiology of tissue expansion. *J Dermatol Surg Oncol* 1993; 19: 1074-1078
76. Branemark PI. Introduction to osseointegration. In: Branemark PI, Zarb G, Albrektsson T (eds): *Tissue-integrated*

- Prostheses. Chicago: Quintessence Publishing Co.; Inc. 1985: 11-76
77. Albrektsson T, Branemark PI, Jacobsson M, Tjellström A. Present clinical applications of osseointegrated percutaneous implants. *Plast Reconstr Surg* 1987; 79: 721-730
78. Tjellström A. Osseointegrated systems and their application in the head and neck. *Adv Otolaryngol Head Neck Surg* 1989; 3: 39-70
79. Federspil P, Bull HG, Federspil PA. Epithetische Wiederherstellung im Gesicht. *Dt Ärzteblatt* 1998; 95: A-206-213 [Heft5]
80. Theissing J. HNO-Operationslehre. 3. Aufl. Stuttgart, New York: Thieme, 1996
81. Naumann HH (Hrsg.), Helms J, Herberhold C, Jahrsdoerfer RA, Kastenbauer ER, Panje WR, Tardy jr. ME. Kopf- und Halschirurgie. 2. Aufl. Stuttgart, New York: Thieme, 1995
82. Lindsay WH, Davis PT. Facial keloids. A 15-year experience. *Arch Otolaryngol Head Neck Surg* 1997; 123: 397-400
83. Riede UN. Regeneration. In: Riede UN, Wehner H (Hrsg.). Allgemeine und spezielle Pathologie. Stuttgart, New York: Thieme, 1986: 289
84. Lippert H. Wundatlas. Heidelberg: J.A. Barth Verlag, 2001; 41-42
85. Brisett AE, Sherris DA. Scar contractures, hypertrophic scars and keloids. *Fac Plast Surg* 2001; 17: 263-271
86. Niessen FB, Spauwen PHM, Schalwijk J, Kon M. On the nature of hypertrophic scars and keloids: a review. *Plast Reconstr Surg* 1999; 104: 1435-1458
87. Niessen FB, Spauwen PHM, Kon M. The role of suture material in hypertrophic scar formation: Monocryl vs. Vicryl-rapide. *Ann Plast Surg* 1997; 39: 254-260
88. Bloom DA. A review of the literature and report of a family with multiple keloids in five generations. *NY State J Med* 1956; 56: 511-519
89. Engrav LH. A comparison of intramarginal and extramarginal excision of hypertrophic burn scars. *Plast Reconstr Surg* 1988; 81: 40-45
90. Urioste SS, Arndt KA, Dover JS. Keloids and hypertrophic scars: review and treatment strategies. *Semin Cutan Med Surg* 1999; 18: 159-171
91. Linares HA, Larson DL, Willis-Galstaun BA. Historical notes on the use of pressure in the treatment of hypertrophic scars or keloids. *Burns* 1993; 19: 17-21
92. Larrabee WF. Intralesional interferon gamma treatment for keloids and hypertrophic scars. *Arch Otolaryngol Head Neck Surg* 1990; 116: 1159-1162
93. Sedlmaier B, Fuhrer A, Jovanovic S. Neue Behandlungsmöglichkeiten von Hautveränderungen mit dem CO₂-Laser in der Kopf-Hals-Chirurgie. *HNO* 1997; 45: 625-629
94. Gjuric M, Rettinger G. Comparison of carbon dioxide laser and electrosurgery in the treatment of rhinophyma. *Rhinology* 1993; 31: 37-39
95. Berman B, Bieley HC. Adjunct therapies to surgical management of keloids. *Dermatol Surg* 1996; 22: 126-130
96. Alster TS, West TB. Treatment of scars: a review. *Ann Plast Surg* 1997; 39: 418-432
97. Offergeld C, Schellong S, Hackert I, Schmidt A, Hüttenbrink KB. Interstitielle Nd:YAG-Lasertherapie. *HNO* 2002; 50: 46-51
98. Werner JA, Lippert BM, Gottschlich S, Folz BJ, Fleiner B, Hoeft S, Rudert H. Ultrasound-guided interstitial Nd:YAG-laser treatment of voluminous hemangiomas and vascular malformations in 92 patients. *Laryngoscope* 1998; 108: 463-470
99. Ammirati CT, Carniol PJ, Hruza G. Laser treatment of facial vascular lesions. *Fac Plast Surg* 2001; 17: 193-201
100. Gosepath K, Pfeiffer M, Mann WJ. Die Behandlung kavernöser Hämangiome mit dem Nd:YAG-Laser. *Laryngo-Rhino-Otol* 1997; 76: 284-288
101. Hamilton MM, Dayan SH, Carniol PJ. Laser hair removal update. *Fac Plast Surg* 2001; 17: 219-222
102. Baker TJ, Stuzin JM, Baker TM. Facial Skin Resurfacing, 1st ed., St.Louis: Quality Medical Publishing, 1998: 2-7
103. Fulton JE. Dermabrasion, chemabrasion and laserabrasion. *Dermatol Surg* 1996; 22: 619-628
104. Romo T III, Baskin JZ, Sclafani AP. Augmentation of the cheeks, chin, pre-jowl sulcus, and nasolabial folds. *Fac Plast Surg* 2001; 17: 67-77
105. Goodman G. Post acne scarring: a review. *J Cosmet Laser Ther* 2003; 5(2): 77-95
106. Trellés MA, Benítez V, García-Solana L. Controlled vaporization of the skin for the treatment of wrinkles. *Fac Plast Surg* 2001; 17: 165-173
107. Jeong JT, Park JH, Kye YC. Resurfacing of pitted facial acne scars using Er:YAG laser with ablation and coagulation mode. *Aesth Plast Surg* 2003; 27(2): 130-134
108. Bradley DT, Park SS. Scar revision via resurfacing. *Fac Plast Surg* 2001; 17: 253-262
109. Goldman MP. CO₂ laser resurfacing of the neck and face. *Fac Plast Surg Clin North Am* 2001; 9(2): 283-290
110. Riedel F, Bergler W, Baker-Schreyer A, Stein E, Hörmann K. Kontrollierte Feinstdernablation im Gesichtsbereich mit dem Erbium:YAG-Laser. *HNO* 1999; 47(2): 101-106
111. Weinstein C. Carbon dioxide laser resurfacing. Long term follow-up in 2123 patients. *Clin Plast Surg* 1998; 25(1): 109-130
112. Woo SH, Park JH, Kye YC. Resurfacing of different types of facial acne scars with short-pulsed, variable-pulsed, and dual-mode Er:YAG laser. *Dermatol Surg* 2004; 30: 488-493
113. Millman B. Carbon dioxide laser resurfacing. *Fac Plast Surg* 2001; 17: 175-185
114. Jordan RE, Cummins CL, Burls AJ, Seukeran DC. Laser resurfacing for facial

- acne scars. Cochrane-Database-Syst Rev 2001; (1): CD001866
115. Patel N, Clement M. Selective nonablative treatment of acne scarring with 585 nm flashlamp pulsed dye laser. *Dermatol Surg* 2002; 28(10): 942-945; discussion 945
116. Tanzi EL, Alster TS. Comparison of a 1450-nm diode laser and a 1320-nm Nd:YAG laser in the treatment of atrophic facial scars: a prospective clinical and histological study. *Dermatol Surg* 2004; 30: 152-157
117. Jacono AA, Moskovitz B. Transconjunctival versus transcutaneous approach in upper and lower blepharoplasty. *Fac Plast Surg* 2001; 17: 21-27
118. Münker R. Laser blepharoplasty and periorbital laser skin resurfacing. *Fac Plast Surg* 2001; 17: 209-217
119. Romo T III; Jacono AA, Scalfani A. Endoscopic forehead lifting and contouring. *Fac Plast Surg* 2001; 17: 3-10
120. Hamra ST. Prevention an correction of the „face-lifted“ appearance. *Fac Plast Surg* 2000; 16(3): 215-229
121. Ramirez OM. Fourth generation subperiosteal approach to the midface: The tridimensional functional cheek lift. *Aesth Surg J* 1998; 18: 133-135
122. Pitanguy I, Radwanski HN, Amorim NFG. Treatment of the aging face using the “round lifting” technique. *Aesth Surg J* 1999; 19: 216-222
123. Rohrich RJ, Griffin JR, Adams WP jr. Rhinophyma: review and update. *Plast Reconstr Surg* 2002; 110(3): 860-869
124. Payne WG, Wang X, Walusimbi M, Ko F, Wright TE, Robson MC. Further evidence for the role of fibrosis in the pathology of rhinophyma. *Ann Plast Surg* 2002; 48(6): 641-645
125. Redett RJ, Manson PN, Goldberg N, Girotto J, Spence RJ. Methods and results of rhinophyma treatment. *Plast Reconstr Surg* 2001; 107(5): 1115-1123
126. Metternich FU, Wenzel S, Sagowski C, Jakel K, Koch U. Die operative Therapie des Rhinophyma mit dem ultraschallaktivierten Skalpell (Ultracision Harmonic Scalpel). *Laryngo-Rhino-Otol* 2003; 82(2): 132-137
127. Wang KH, Macomber BW, Elliott RA jr. Deformities of the eyebrow. In: Converse JM (ed). *Reconstructive Plastic Surgery*, Vol. II, Philadelphia, London: WB Saunders Company, 1964, 636-639
128. Vallis CP. Surgical treatment of the receding hairline. *Plast Reconstr Surg* 1964; 33: 247
129. Orentreich N. Autografts in alopecias and other selected dermatological conditions. *Ann N.Y. Acad Sci* 1959; 83: 463
130. Krull EA. Hair replacement techniques. An overview. *Dermatol Clin* 1987; 5(3): 509-514
131. Sadick NS, Hitzig GS. Adjuvant techniques in punch graft hair transplantation. *J Dermatol Surg Oncol* 1986; 12(7): 700-705
132. Hernandez-Zendejas G, Guerrerosantos J. Eyelash reconstruction and aesthetic augmentation with strip composite sideburn graft. *Plast Reconstr Surg* 1998; 101(7): 1978-1980
133. Hata Y, Matsuka K. Eyelash reconstruction by means of strip skin grafting with vibrissae. *Br J Plast Surg* 1992; 45(2): 163-164
134. Harada T, Inoue T, Harashina T. Dermis-fat graft after parotidectomy to prevent Frey's syndrome and the concave deformity. *Ann Plast Surg* 1993; 31: 450-452
135. Kim S, Mathog R. Platysma muscle-cervical fascia-sternocleidomastoides muscle (PCS) flap for parotidectomy. *Head Neck* 1999; 21 (5): 428-433
136. Dulgerov P, Quinodoz D, Cosendai G. Prevention of Frey's syndrome during parotidectomy. *Arch Otolaryngol Head Neck Surg* 1999; 125: 833-839
137. Bonanno PC, Palaia D, Rosenberg M, Casson P. Prophylaxis against Frey's syndrome in parotid surgery. *Annals of Plastic Surgery* 2000; 44: 498-501
138. Laskawi R, Drobik C, Schönebeck C. Up-to-date report of Botulinum Toxin Type A treatment in patients with gustatory sweating (Frey's syndrome). *Laryngoscope* 1998; 108: 381-384
139. Pitta MC, Wolford LM, Mehra P, Hopkin J. Use of Gore-Tex tubing as a conduit for inferior alveolar and lingual nerve repair: experience with 6 cases. *J Oral Maxillofac Surg* 2001; 59(5): 493-496
140. Pogrel MA, Maghen A. The use of autogenous vein grafts for inferior alveolar and lingual nerve reconstruction. *J Oral Maxillofac Surg* 2001; 59(9): 988-993
141. Ward BB, Feinberg SE, Friedman CD. Tissue matrices for soft tissue and mucosal augmentation and replacement. *Fac Plast Surg* 2002; 18: 3-11
142. Frame JD, Still J, Lakhel-LeCoadou A, Carstens MH, Lorenz Ch, Orlet H, Spence R, Berger AC, Dantzer E, Burd A. Use of dermal regeneration template in contracture release procedures: A multicenter evaluation. *Plast Reconstr Surg* 2004; 113: 1330-1338
143. Molnar JA, DeFranzo AJ, Hadaegh A, Morykwas MJ, Shen P, Argenta LC. Acceleration of Integra® incorporation in complex tissue defects with subatmospheric pressure. *Plast Reconstr Surg* 2004; 113: 1339-1346
144. Gallico GG, O'Connor NE, Compton CC, Kehinde O, Green H. Permanent coverage of large burn wounds with autologous cultured human epithelium. *N Engl J Med* 1984; 311: 448-451
145. Sheridan RL, Hegarty M, Tompkins RG, Burke JF. Artificial skin in massive burns-results to ten years. *Plast Surg* 1994; 17: 91-93
146. Robson MC, Mustoe TA, Hunt TK. The future of recombinant growth factors in wound healing. *Am J Surg* 1998; 176(Suppl 2A): 80S-82S
147. Lorenz HP, Hedrick MH, Chang J, Mehrara BJ, Longacker M. The impact of biomolecular medicine and tissue engineering on plastic surgery in the 21st century. *Plast Reconstr Surg* 2000; 105: 2467-2481

148. Cupp CL, Bloom DC. Gene therapy, electroporation, and the future of wound healing therapies. *Fac Plast Surg* 2002; 18: 53-57
149. Marcus JR, Tyrone JW, Bonomo S, Xia Y, Mustoe TA. Cellular mechanisms for diminished scarring with aging. *Plast Reconstr Surg* 2000; 105: 1591-1599
150. Xia Y, Zhao Y, Marcus JR, Jiminez P, Mustoe TA. Effect of keratinocyte growth factor-2 on wound healing in ischemia-impaired wound healing animal model and scar formation. *J Pathol* 1999; 188: 431-438