References

1. Clasen, B.P.E., Kellermann S., Steinhoff H.J., Schwab W. Das Larynxkarzinom in Deutschland Otolaryngol Nova. 1991; 1: 321-327
2. de Maddalena H. The influence of early speech rehabilitation with voice prostheses on the psychological state of laryngectomized patients. Eur. Arch Otorhinolaryngol 2002; 259: 48-52
3. Schuster M., Lohscheller J., Hoppe U., Kummer P., Eysholdt U., Rosanowski F.
4. Voice handicap of laryngectomies with tracheoesophageal speech.
5. Folia Phoniatr Logop 2004; 56: 62-67
6. Finizia C., Bergman B. Health-related quality of life in patients with laryngeal cancer: a post-treatment comparison of different modes of communication. Laryngoscope 2001; 111: 918-923
7. Kramp B., Boehm F., Fischer A.L. Speech rehabilitation using a voice prostheses following laryngectomy. Otolaryngol Pol 2000; 54: 697-701
8. Hagen R. Stimmrehabilitation nach totaler Laryngektomie in der Bundesrepublik Deutschland. HNO 1990; 38: 417-420
9. Maier H., Johansen H.S. (Hrsg). Stimmrehabilitation nach Laryngektomie. Phoniatrische Ambulanz der Universität Ulm 1995
10. Seinsch W. Laryngektomie ein auslaufendes Therapieverfahren? Laryngorhinootologie 2001; 80: 674-676
11. Max L., Steurs W., de Bruyn W. Vocal capacities in esophageal and tracheoesophageal speakers. Laryngoscope 1996; 106: 93-96
12. Arias M.R., Ramon J.L., Campos M., Cervantes J.J. Acoustic analysis of the voice in phonatory fistuloplasty after total laryngectomy. Otolaryngol Head Neck Surg 2000; 122: 743-747
13. Schutte H.K., Nieboer G.J. Aerodynamics of esophageal voice production with and without a Groningen voice prosthesis. Folia Phoniatr Logop 2002; 54: 8-18
14. Brown D.H., Hilgers F.J., Irish J.C., Balm A.J. Postlaryngectomy voice rehabilitation: state of the art at the millennium. World J Surg. 2003; 27: 824-831
15. Schultz-Coulon H.J. Nachsorge von laryngektomierten Patienten mit Stimmprothesen. HNO 1993; 41: 597-608
16. Hagen R. Laryngoplasty with a radialis pedicle flap from the forearm: a surgical procedure for voice rehabilitation after total laryngectomy. Am J Otolaryngol 1990; 11: 85-89
17. Maier H, Weidauer H. Chirurgische Stimmrehabilitation nach Laryngektomie durch eine Modifikation des Verfahrens nach Asai. HNO 1994; 42: 99-103
18. Staffieri M., Procaccini A., Steiner W., Staffieri A. Chirurgische Stimmrehabilitation nach Laryngektomie. Die Staffieritechnik. Laryngol Rhinol Otol 1978; 57: 477-88
19. Minnigerode B., Arnhold-Schneider M., Polyzoidis T. Langzeiterfahrungen mit der Methode nach Asai und Staffieri zur Wiederherstellung der Stimme nach Laryngektomie: eine vergleichende Untersuchung. HNO 1988; 36: 119-122
20. Klima A. Is the laryngoplasty a successful method after total laryngectomy? Auris Nasus Larynx 1987; 14: 101-104
21. Vuyk H.D., Klinkenberg-Knol E., Tiwari R.M. The role of the upper oesophageal sphincter in voice rehabilitation after laryngectomy and Staffieri's procedure. J Laryngol Otol 1986; 100: 59-68
22. Vieira M.B., Maia A.F., Ribeiro J.C. Speech rehabilitation after laryngectomy with the amatsu tracheoesophageal shunt. Auris Nasus Larynx 1999; 26: 69-77
23. Kinishi M., Amatsu M., Tahara S., Makino K. Primary tracheojejunal shunt operation for voice restoration following pharyngolaryngoesophagectomy. Ann Otol Rhinol Laryngol 1991; 100: 435-438
24. Amatsu M., Makino K., Kinishi M., Tani M., Kokubu M. Primary tracheoesophageal shunt operation for postlaryngectomy speech with sphincter mechanism. Ann Otol Rhinol Laryngol 1986; 95: 373-376
25. Strome M., Mustoe T.A., Kelly J.H. Voice rehabilitation following laryngectomy. Myomucosal tracheoesophageal shunt. Arch Otolaryngol Head Neck Surg 1986; 112: 1168-1171.
26. Brasnu D., Strome M., Menard M., Pfauwadel M.C., Martinez P., Janot F., Laccourreye H. Myomucosal shunt following total laryngectomy: a report of 31 cases. Arch Otorhinolaryngol 1989; 246: 407-409
27. Roka R., Piza H., Ehrenberger K., Wicke W. Eine neue Methode zur Stimmrehabilitation: Neuglottis aus Dünndarm. Langenbecks Arch Chir 1985; 366: 145-147
28. Chen H.C., Patel H., Chen Y.C., Tang Y.B., Tan B.K., Aydin A. Talking jejunum: a new, safe technique for voice reconstruction using free-jejunum transfer. Plast Reconstr Surg 2003; 111: 336-340
29. Marusch F., Koch A., Kluge J., Stobe R., Immer P., Gastinger I. Laparoscopy-assisted harvesting of free small intestine transplants for reconstruction of voice and deglutition after total laryngopharyngectomy-an animal experiment study. Zentralbl Chir 1998; 123: 944-994
30. Denk D.M., Grasl M.C., Frank F., Deutsch W., Ehrenberger K. Surgical voice rehabilitation after laryngopharyngectomy. Functional results of tracheo-hypopharyngeal shunts by jejunal transplantation. Eur Arch Otorhinolaryngol 1992; 249: 248-252
31. Kinishi M., Amatsu M., Tahara S. Further experience with tracheojejunal shunt speech after pharyngolaryngoesophagectomy. Ann Otol Rhinol Laryngol 2001; 110: 41-44
32. Remmert S., Ahrens K.H., Sommer K., Muller G., Weerda H. Stimmrehabilitation mit Jejunum-Sprechsiphon – der

Biventerzügel zur Verhinderung der Aspiration. Laryngorhinootologie 1994; 73: 84-87
33. Remmert S., Muller G, Weerda H. Revaskularisierte, überlange Jejunumsegmente zur einzeitigen Rekonstrukion der Sprech- uns Schluckfunktion nach totaler Laryngopharyngektomie. HNO 1993; 41: 485-490
34. Theile DR, Robinson DW, Theile DE, Coman WB. Free jejunal interposition reconstruction after pharyngolaryngectomy: 201 consecutive cases. Head Neck 1995; 17: 83-88
35. Kobayashi M, Onozuka N, Fukuda A, Matsubara A, Kobayashi W. New surgical technique for primary and secondary voice restoration using a free ileocecal patch graft after total laryngectomy. Surg Today 2003; 33: 817-822
36. Namyslowski G, Religa Z, Stezewska U, Misiollek M, Czesior E. A case of laryngeal carcinoma as a result of immunosuppressive therapy with cyclosporin A following heart transplantation. Otolaryngol Pol 1994;48: 72-74
37. Garlicki M, Wierzbicki K, Prybylowski P, Drop D, Biernat M, Rudzinski P, Olszewska B, Dziatkowiak A. The incidence of malignancy in heart transplant recipients. Ann Transplant 1998; 3: 41-47
38. Strome M, Stein J, Esclamado R, Hicks D, Lorenz RR, Braun W, Yetman R, Eliachar I, Mayes J. Laryngeal transplantation and 40-month follow-up. N Engl J Med 2001; 344: 1676-1679
39. Strome M. Human laryngeal transplantation: consierations and implications. Microsurgery 2000, 20: 372-374
40. Delaere PR. Laryngotracheal Reconstruction. From Lab to Clinic. Berlin Heidelberg New York: Springer, 2004
41. Lascaratos JG, Trompoukis C, Segas JV, Assimakopoulos DA. Professor Nicolas Taptas (1871-1955): a pioneer of postlaryngectomy voice rehabilitation. Laryngoscope 2003; 113: 702-705
42. Mozolewski E. Chirurgiczhna rehabilitacija glosu mowy po layngektomy. Otolaryngol Pol 1972;26: 653-661
43. Blom ED. Tracheoesophageal voice restoration: origin-evolution-state-of-the-art. Folia Phoniatr Logop 2000; 52: 14-23
44. Herrmann IF. Chirurgische Stimmrehabilitation nach Laryngektomie.
45. Laryngorhinootologie 1999; 78: OP57-68
46. Panje WR. Prosthetic vocal rehablitation following laryngectomy: The voice button. Ann. Otol. 1981; 90: 116-120
47. Hoogen van den FJ, Nijdam HF, Veenstra A, Manni JJ. The Nijdam voice prosthesis: a self-retaining valveless voice prosthesis for vocal rehabilitation after total laryngectomy. Acta Otolaryngol 1996; 116: 913-917
48. Veenstra A, van den Hoogen FJ, Schutte HK, Nijdam HF, Manni JJ, Verkerke GJ. Aerodynamic characteristics of the Nijdam voice prosthesis in relation to tracheo-esophageal wall thickness. Eur Arch Otorhinolaryngol 1997; 254: 1-5
49. Chung RP, Geskus J, Mahieu HF. The ultra-low resistance Groningen voice prosthesis: aerodynamic properties. Rev Laryngol Otol Rhinol 1999; 120: 245-248
50. Hilgers FJM, Balm AJM, Gregor RT. Stimmrehabilitation nach Laryngektomie mit der Provox-Stimmprothese. Chirurgische und technische Aspekte. HNO 1995; 43: 197-201
51. Happ MB, Roesch T, Kagan SH. Communication needs, methods, and perceived voice quality following head and neck surgery: a literature review. Cancer Nurs 2004; 27: 1-9
52. Akbas Y, Dursun G. Voice restoration with low pressure blom singer voice prosthesis after total laryngectomy. Yonsei Med J 2003; 44: 615-618
53. Schäfer P, Klutzke N, Schwerdtfeger FP. Prothetische Stimmrehabilitation nach Laryngektomie. Laryngorhinootologie 2001; 80: 677-681
54. Eerenstein SE, Schouwenburg PF. Long-term results of VoiceMaster voice prosthesis use in laryngectomized patients. Acta Otolaryngol 2003; 123: 655-660
55. Eksteen EC, Rieger J, Nesbitt M, Seikaly H. Comparison of voice characteristics following three different methods of treatment for laryngeal cancer.
56. J Otolaryngol 2003; 32: 250-253
57. Graville D, Gross N, Andersen P, Everts E, Cohen J. The long-term indwelling tracheoesophageal prosthesis for alaryngeal voice rehabilitation. Arch Otolaryngol Head Neck Surg 1999; 125: 288-292
58. Makitie AA, Niemensivu R, Juvas A, Aaltonen LM, Back L, Lehtonen H. Postlaryngectomy voice restoration using a voice prosthesis: a single institution's ten-year experience. Ann Otol Rhinol Laryngol 2003; 112: 1007-1010
59. Rosingh HJ, Mahieu HF, Annyas AA, Schutte HK, Goorhuis-Brouwer SM. Voice rehabilitation following larynx extirpation using the Groningen button. Ned Tijdschr Geneeskd 1991; 135: 1315-1318
60. Vlantis AC, Gregor RT, Elliot H, Oudes M. Conversion from a non-indwelling to a Provox 2 indwelling voice prosthesis for speech rehabilitation: comparison of voice quality and patient preference. J Laryngol Otol 2003; 117: 815-820
61. Hilgers FJ, Balm AJ. Long-term results of vocal rehabilitation after total laryngectomy with the low-resistance, indwelling Provox voice prosthesis system. Clin Otolaryngol 1993; 18: 517-523
62. Lith-Bijl van JT, Mahieu HF, Patel P, Zijlstra RJ. Clinical experience with the low-resistance Groningen button. Eur Arch Otorhinolaryngol 1992; 249: 354-357
63. Leder SB, Erskine MC. Voice restoration after laryngectomy: experience with the Blom-Singer extended-wear indwelling tracheoesophageal voice prosthesis. Head Neck 1997; 19: 487-493

64. Balle VH, Rindso L, Thomsen JC. Primary speech restoration at laryngectomy by insertion of voice prosthesis-10 years experience. Acta Otolaryngol Suppl 2000; 543: 244-245
65. Stafford FW. Current indications and complications of tracheoesophageal puncture for voice restoration after laryngectomy. Curr Opin Otolaryngol Head Neck Surg 2003; 11: 89-95
66. Kerr AI, Denholm S, Sanderson RJ, Anderson SJ. Blom-Singer prostheses--an 11 year experience of primary and secondary procedures. Clin Otolaryngol 1993; 18: 184-187
67. Koscielny, S; Bräuer, B. Welches System zum Stimmprothesenwechsel - Provox 1 oder Provox 2? Otorhinolaryngol Nova 2000; 10: 85-86
68. Lavertu P, Guay ME, Meeker SS, Kmiecik JR, Secic M, Wanamaker JR, Eliachar I, Wood BG. Secondary tracheoesophageal puncture: factors predictive of voice quality and prosthesis use. Head Neck 1996; 18: 393-398
69. Koscielny S. Chirurgische Möglichkeiten der Stimmrehabilitation. Ärztebl Thüring 2000; 9: 499-502
70. Koscielny S, Bräuer B Management von Problemen mit Provox-Stimmprothesen in Klinik und Praxis. Oto-Rhino-Laryngologia Nova 2004; 12: 250
71. Sharma RK, Rogers M, Thind J, Mabley AT. Technique for secondary tracheoesophageal puncture in difficult necks. J Laryngol Otol 2003; 117: 718-719
72. Costa CC, Abrahao M, Cervantes O, Chagas JF. New endoscopic secondary tracheoesophageal voice prosthesis placement technique. Otolaryngol Head Neck Surg 2003; 128: 686-690
73. Deschler DG, DeLassus Gress C, Singer MI. Outpatient retrograde placement of the indwelling voice prosthesis. Laryngoscope 2000; 110: 1063-1065
74. Lichtenberger G. Simple and safe puncture technique for voice prosthesis implantation. Otolaryngol Head Neck Surg 2003; 128: 835-840
75. Loughran S, McKee G, Carding P. Tracheo-oesophageal puncture by retrograde passage of a gastroscope via mini-laparotomy and gastrotomy. J Laryngol Otol 1999; 113: 564-565
76. Schipper JH. Ein Trockar zur Formung einer tracheoösophagealen Fistel für die sekundäre Implantaton einer Stimmprothese. Laryngorhinootologie 1994; 73: 660-661
77. Desyatnikova S, Caro JJ, Andersen PE, Cohen JI, Wax MK. Tracheoesophageal puncture in the office setting with local anesthesia. Ann Otol Rhinol Laryngol 2001; 110: 613-616
78. Lau WF, Wei WI, Ho CM, Lam KH. Immediate tracheoesophageal puncture for voice restoration in laryngopharyngeal resection. Am J Surg 1988; 156: 269-272
79. Maniglia AJ, Leder SB, Goodwin WJ Jr, Sawyer R, Sasaki CT. Tracheogastric puncture for vocal rehabilitation following total pharyngolaryngoesophagectomy Head Neck 1989; 11: 524-527
80. Anthony JP, Singer MI, Deschler DG, Dougherty ET, Reed CG, Kaplan MJ. Long-term functional results after pharyngoesophageal reconstruction with the radial forearm free flap. Am J Surg 1994; 168: 441-415
81. Cumberworth VL, O'Flynn P, Perry A, Bleach NR, Cheesman AD. Surgical voice restoration after laryngopharyngectomy with free radial forearm flap repair using a Blom-Singer prosthesis. J R Soc Med 1992; 85: 760-761
82. Parise O Jr, Cutait R, Correa PA, Miguel RE, de Angelis EC, Jorge SC. Primary placement of a voice prosthesis on transposed colon after total pharyngolaryngo-esophagectomy. Head Neck 1999; 21: 363-365
83. Benazzo M, Bertino G, Lanza L, Occhini A, Mira E. Voice restoration after circumferential pharyngolaryngectomy with free jejunum repair. Eur Arch Otorhinolaryngol 2001; 258: 173-176
84. Blom ED, Pauloski BR, Hamaker RC. Functional outcome after surgery for prevention of pharyngospasms in tracheoesophageal speakers. Part I: Speech characteristics. Laryngoscope 1995; 105: 1093-1103
85. Op de Coul BM, Hilgers FJ, Balm AJ, Tan IB, van den Hoogen FJ, van Tinteren H.
86. A decade of postlaryngectomy vocal rehabilitation in 318 patients: a single Institution's experience with consistent application of provox indwelling voice prostheses. Arch Otolaryngol Head Neck Surg 2000; 126: 1320-1328
87. Hilgers FJ, Ackerstaff AH, Balm AJ, Van den Brekel MW, Bing Tan I, Persson JO. A new problem-solving indwelling voice prosthesis, eliminating the need for frequent Candida- and „underpressure"-related replacements: Provox ActiveValve. Acta Otolaryngol 2003; 123: 972-979
88. Schouwenburg PF, Eerenstein SE, Grolman W. The VoiceMaster voice prosthesis for the laryngectomized patient. Clin Otolaryngol 1998; 23: 555-559
89. Belforte G, Carello M, Miani C, Staffieri A. Staffieri tracheo-oesophageal prosthesis for voice rehabilitation after laryngectomy: an evaluation of characteristics. Med Biol Eng Comput 1998; 36: 754-757
90. Torn van der M, de Vries MP, Festen JM, Verdonck-de Leeuw IM, Mahieu HF. Alternative voice after laryngectomy using a sound-producing voice prosthesis. Laryngoscope 2001; 111: 336-346
91. Torn van der M, Verdonck-de Leeuw IM, Festen JM, de Vries MP, Mahieu HF. Female-pitched sound-producing voice prostheses-initial experimental and clinical results. Eur Arch Otorhinolaryngol 2001; 258: 397-405
92. Weissenbruch van R, Kunnen M, Albers FW, van Cauwenberge PB, Sulter AM. Cineradiography of the pharyngoesophageal segment in postlaryngectomy patients. Ann Otol Rhinol Laryngol 2000; 109: 311-319
93. As van CJ, Op de Coul BM, van den Hoogen FJ, Koopmans-van Beinum FJ, Hilgers FJ. Quantitative videofluoroscopy: a new evaluation tool for tracheoesophageal voice production. Arch

Otolaryngol Head Neck Surg 2001; 127: 161-169
94. Zormeier MM, Meleca RJ, Simpson ML, Dworkin JP, Klein R, Gross M, Mathog RH. Botulinum toxin injection to improve tracheoesophageal speech after total laryngectomy. Otolaryngol Head Neck Surg 1999; 120: 314-319
95. Neumann A, Schultz-Coulon HJ. Management von Komplikationen nach Stimmprothesenrehabilitation. HNO 2000; 48: 508-516
96. Bayles SW, Deschler DG. Operative prevention and management of voice-limiting pharyngoesophageal spasm. Otolaryngol Clin North Am. 2004; 37: 547-558
97. Clevens RA, Esclamado RM, Hartshorn DO, Lewin JS. Voice rehabilitation after total laryngectomy and tracheoesophageal puncture using nonmuscle closure. Ann Otol Rhinol Laryngol 1993; 102: 792-796
98. Hilgers FJ. Evaluation of the effects of primary myotomy in total laryngectomy on the neoglottis with the use of quantitative videofluoroscopy. Arch Otolaryngol Head Neck Surg 2003; 129: 1000-1005
99. Koybasioglu A, Oz O, Uslu S, Ileri F, Inal E, Unal S. Comparison of pharyngoesophageal segment pressure in total laryngectomy patients with and without pharyngeal neurectomy. Head Neck 2003; 25: 617-623
100. Hamaker RC, Blom ED. Botulinum neurotoxin for pharyngeal constrictor muscle spasm in tracheoesophageal voice restoration. Laryngoscope 2003; 113: 1479-1482
101. Meleca RJ, Dworkin JP, Zormeier MM, Simpson ML, Shibuya T, Mathog RH. Videostroboscopy of the pharyngoesophageal segment in laryngectomy patients treated with botulinum toxin. Otolaryngol Head Neck Surg 2000; 123: 38-43
102. Ramachandran K, Arunachalam PS, Hurren A, Marsh RL, Samuel PR. Botulinum toxin injection for failed tracheoesophageal voice in laryngectomees: the Sunderland experience. J Laryngol Otol 2003; 117: 544-548
103. Blitzer A, Komisar A, Baredes S, Brin MF, Stewart C. Voice failure after tracheoesophageal puncture: management with botulinum toxin. Otolaryngol Head Neck Surg 1995; 113: 668-670
104. Huo J, Klastsky I, Labruna A, Weiss MH. Secondary pharyngeal myotomy for tracheoesophageal speech. Ear Nose Throat J 1995; 74: 405-408
105. Scott PM, Bleach NR, Perry AR, Cheesman AD. Complications of pharyngeal myotomy for alaryngeal voice rehabilitation. J Laryngol Otol 1993; 107: 430-433
106. Bastian RW, Muzaffar K. Endoscopic laser cricopharyngeal myotomy to salvage tracheoesophageal voice after total laryngectomy. Arch Otolaryngol Head Neck Surg 2001; 127: 691-693
107. Hoogen Van Den FJ, Oudes MJ, Hombergen G, Nijdam HF, Manni JJ. The Groningen, Nijdam and Provox voice prostheses: a prospective clinical comparison based on 845 replacements. Acta Otolaryngol 1996; 116: 119-124
108. Hoogen van den FJ, Van den Berg RJ, Oudes MJ, Manni JJ. A prospective study of speech and voice rehabilitation after total laryngectomy with the low-resistance Groningen, Nijdam and Provox voice prostheses. Clin Otolaryngol 1998; 23: 425-431
109. Hotz MA, Baumann A, Schaller I, Zbaren P. Success and predictability of provox prosthesis voice rehabilitation. Arch Otolaryngol Head Neck Surg 2002; 128: 687-691
110. Trussart C, Lawson G, Remacle M. Voice prostheses: long-term follow-up retrospective study (three- to sixteen-year follow-up of 22 patients).Rev Laryngol Otol Rhinol (Bord) 2003; 124: 299-304
111. Hiltmann O, Buntrock M, Hagen R. Mechanischer Illeus durch Provox2-Stimmprothese–Beschreibung einer „iatrogenen“ enteralen Komplikation nach Stimmprothesenwechsel. Laryngorhinootologie 2002; 81: 890-893
112. Natarajan B, Richardson MD, Irvine BW, Thomas M. The Provox voice prosthesis and Candida albicans growth: a preliminary report of clinical, mycological and scanning electron microscopic assessment. J Laryngol Otol 1994; 108: 666-668
113. Arweiler-Harbeck D, Sanders A, Held M, Jerman M, Ehrich H, Jahnke K. Does metal coating improve the durability of silicone voice prostheses? Acta Otolaryngol 2001; 121: 643-646
114. Everaert EP, Belt-Gritter BV, Van Der Mei HC, Busscher HJ, Verkerke GJ, Dijk F, Mahieu HF, Reitsma A. In vitro and in vivo microbial adhesion and growth on argon plasma-treated silicone rubber voice prostheses. Mater Sci Mater Med 1998; 9: 147-157
115. Free RH, Van der Mei HC, Dijk F, Van Weissenbruch R, Busscher HJ, Albers FW. Biofilm formation on voice prostheses: influence of dairy products in vitro.
116. Acta Otolaryngol 2000; 120: 92-99
117. Issing WJ, Fuchshuber S, Wehner M. Incidence of tracheo-oesophageal fistulas after primary voice rehabilitation with the Provox or the Eska-Herrmann voice prosthesis. Eur Arch Otorhinolaryngol 2001; 258: 240-242
118. Brasnu D, Pages JC, Laccourreye O, Jouffre V, Monfrais Pfauwadel MC, Crevier Buchman L. Results of the treatment of spontaneous widening of tracheo-esophageal punctures after laryngeal implant. Ann Otolaryngol Chir Cervicofac 1994; 111: 456-460
119. Moerman M, Vermeersch H, Heylbroeck P. A simple surgical technique for tracheoesophageal fistula closure. Eur Arch Otorhinolaryngol 2004; 261: 381-385
120. Perie S, Ming X, Dewolf E, St Guily JL. Autologous fat injection to treat leakage around tracheoesophageal puncture. Am J Otolaryngol 2002; 23: 345-350
121. Luff DA, Izzat S, Farrington WT. Viscoaugmentation as a treatment for leak-

age around the Provox 2 voice rehabilitation system. J Laryngol Otol 1999; 113: 847-848
122. Lorincz BB, Lichtenberger G, Bihari A, Falvai J. Therapy of periprosthetical leakage with tissue augmentation using Bioplastique around the implanted voice prosthesis. Eur Arch Otorhinolaryngol 2004
123. Rokade AV, Mathews J, Reddy KT. Tissue augmentation using Bioplastique as a treatment of leakage around a Provox 2 voice prosthesis. J Laryngol Otol 2003; 117: 80-82
124. Brasnu D, Pages JC, Laccourreye O, Jouffre V, Monfrais Pfauwadel MC, Crevier Buchman L. Results of the treatment of spontaneous widening of tracheo-esophageal punctures after laryngeal implant. Ann Otolaryngol Chir Cervicofac 1994; 111: 456-460
125. Ahmad I, Kumar BN, Radford K, O'Connell J, Batch AJ. Surgical voice restoration following ablative surgery for laryngeal and hypopharyngeal carcinoma. J Laryngol Otol 2000; 114: 522-525
126. Lewin JS. Nonsurgical management of the stoma to maximize tracheoesophageal speech. Otolaryngol Clin North Am 2004; 37: 585-596.
127. As van CJ, Hilgers FJ, Koopmans-van Beinum FJ, Ackerstaff AH. The influence of stoma occlusion on aspects of tracheoesophageal voice. Acta Otolaryngol 1998; 118: 732-738
128. Gerwin JM, Culton GL. Prosthetic voice restoration with the tracheostomal valve: a clinical experience. Am J Otolaryngol 1993; 14: 432-439
129. Ackerstaff AH, Fuller D, Irvin M, Maccracken E, Gaziano J, Stachowiak L.
130. Multicenter study assessing effects of heat and moisture exchanger use on respiratory symptoms and voice quality in laryngectomized individuals. Otolaryngol Head Neck Surg 2003; 129: 705-712
131. Ackerstaff AH, Hilgers FJM. Die Folgen einer totalen Kehlkopfentfernung unter besonderer Beachtung der Rehabilitation der Stimme und der unteren Luftwege. HNO 1997; 45: 97-104
132. Herrmann IF, Koss W. Fingerfreies Sprechen nach totaler Laryngektomie: Instrumente und Techniken der chirurgischen Stimmrehabilitation. HNO. 1985; 33: 124-129
133. Hoogen van den FJ, Meeuwis C, Oudes MJ, Janssen P, Manni JJ. The Blom-Singer tracheostoma valve as a valuable addition in the rehabilitation of the laryngectomized patient. Eur Arch Otorhinolaryngol 1996; 253: 126-129
134. Grolman W, Schouwenburg PF, de Boer MF, Knegt PP, Spoelstra HA, Meeuwis CA. First results with the Blom-Singer adjustable tracheostoma valve. ORL J Otorhinolaryngol Relat Spec 1995; 57: 165-170
135. Hagen R, Schwarz C, Berning K, Geertsema AA, Verkerke GJ. Tracheostomaventil mit integrierter Hustenklappe zur Verbesserung des fingerfreien Sprechens von laryngektomierten Patienten – Entwicklung und klinische Anwendungen. Laryngorhinootologie 2001; 80: 324-328
136. Schwarz Ch, Cirugeda-Kuhnert M, Hagen R. Tracheostomaventil mit integrierter Hustenklappe für das fingerfreie Sprechen bei Laryngektomierten – Langzeitresultate. Laryngorhinootologie 2004; 83: 173-179
137. Hilgers FJ, Ackerstaff AH, Van As CJ, Balm AJ, Van den Brekel MW, Tan IB. Development and clinical assessment of a heat and moisture exchanger with a multi-magnet automatic tracheostoma valve (Provox FreeHands HME) for vocal and pulmonary rehabilitation after total laryngectomy. Acta Otolaryngol 2003; 123: 91-99
138. Tsai TL, Chang SY, Guo YC, Chu PY. Voice rehabilitation in laryngectomees: comparison of daily-life performance of 4 types of alaryngeal speech. J Chin Med Assoc 2003; 66: 360-363
139. Espy-Wilson CY, Chari VR, MacAuslan JM, Huang CB, Walsh MJ. Enhancement of electrolaryngeal speech by adaptive filtering. J Speech Lang Hear Res 1998; 41: 1253-1264
140. Goldstein EA, Heaton JT, Kobler JB, Stanley GB, Hillman RE. Design and implementation of a hands-free electrolarynx device controlled by neck strap muscle electromyographic activity. IEEE Trans Biomed Eng 2004; 51: 325-332
141. Niu HJ, Wan MX, Wang SP, Liu HJ. Enhancement of electrolarynx speech using adaptive noise cancelling based on independent component analysis. Med Biol Eng Comput 2003; 41: 670-678