

## 7 Literaturverzeichnis

1. Principles of Neurology. Adams, R. D., Victor, M., and Ropper, A. H. 6th Edition. **1997.** New York, McGraw-Hill Inc.
2. Abel, M. F., Mubarak, S. J., Wenger, D. R., Costello, J., and Hicks, G. E. Brain stem evoked potentials for scoliosis surgery: a reliable method allowing use of halogenated anesthetic agents. *J Pediatric Ortho* 10, 208. **1990.**
3. Abou-Madi, M., Trop, D., Lenis, S., Olivier, A., and Leblanc, R. Selective Neuromuscular Blockade for Intraoperative Electrocorticography. *Appl.Neurophysiol.* 50, 386-389. **1987.**
4. Agnew, W. and McCreery, D. Considerations for safty in the use of electrical stimulation for motor evoked potentials. *Neurosurgery* 20, 143-147. **1987.**
5. Aiba, T. and Seki, Y. Intraoperative Identification of the central sulcus: a practical method. *Acta Neurochirurgica (Suppl)* 42, 22-26. **1988.**
6. Allen, A., Starr, A., and Nudleman, K. Assessment of sensory function in the operating room utilizing cerebral evoked potentials: A study of fifty-six surgically anesthetized patients. *Clin Neurosurg* 28, 457-481. **1981.**
7. Allison, T. Scalp and cortical recordings of initial somatosensory cortex activity to median nerve stimulation in man. *Ann NY Acad Sci* 388, 671-678. **1982.**
8. Allison, T. Localization of sensorimotor cortex in neurosurgery by recording of somatosensory evoked potentials. *Yale J Biol Med* 60, 143-150. **1987.**

9. Allison, T., McCarthy, G., Wood, C., Darcey, T. M., Spencer, D. D., and Williamson, P. D. Human cortical potentials evoked by stimulation of the median nerve. I. Cytoarchitectonic areas generating short-latency activity. *J Neurophysiol* 62, 694-710. **1989**.
10. Ammirati, M., Vick, N., Liao, Y., Cricic, I., and Mikhael, M. Effect of the extent of surgical resection on survival and quality of life in patients with supratentorial glioblastomas and anaplastic astrocytomas. *Neurosurgery* 21, 201-206. **1987**.
11. Angel, A. and Gratton, D. A. The effect of anaesthetic agents on cerebral cortical responses in the rat. *Br J Pharmac* 76, 541-547. **1982**.
12. Angel, A., Gratton, D. A., and Halsey, M. J. Pressure reversal of the effect of urethane on the evoked somatosensory cortical response in the rat. *Br J Pharmac* 70, 241-251. **1980**.
13. Angel, A. and LeBeau, F. A comparison of the effects of propofol with other anesthetic agents on the centripetal transmission of sensory information. *Gen Pharmac* 23, 945. **1992**.
14. Baines, D. B., Whittle, I. R., Chaseling, R. W., Overton, J. H., and Johnson, I. H. Effect of halothane on spinal somatosensory evoked potentials in sheep. *Br J Anesth* 57, 896. **1985**.
15. Barthlow, R. Experimental investigations into functions of the human brain. *Am J Med Sci* 67, 305-313. **1874**.
16. Bartley, S. H. and Heinbecker, P. The response of the sensorimotor cortex to stimulation of a peripheral nerve. *Am J Physiol* 121, 21-31. **1938**.

17. Berger, M. S., Cohen, W. A., and Ojemann, G. A. Correlation of motor cortex brain mapping data with magnetic resonance imaging. *J Neurosurg* 72, 383-387. **1990**.
18. Berger, M. S., Kincaid, J., Ojemann, G. A., and Lettich, B. A. Brain mapping techniques to maximize resection, safety and seizure control in children with brain tumors. *Neurosurgery* 25, 789-798. **1989**.
19. Bimar-Blanc, M. C. and Dejode, J. M. Effets de l'isoflurane et de l'holothane sur les potentiels évoqués auditifs et somesthésiques. *Ann Fr Anesth Reanim* 7, 279-284. **1988**.
20. Brem, H., Piantadosi, S., and Burger, P. C. Placebo-controlled trial of safety and efficacy of intraoperative controlled delivery by biodegradable polymers of chemotherapy for recurrent gliomas. *Lancet* 345(8956), 1008-1012. **1995**.
21. Brodmann, K. Beiträge zur histologischen Lokalisation der Großhirnrinde. VI Mitteilung. Die Cortexgliederung des Menschen. *J Psychol Neurol* 10, 231-246. **1908**.
22. Calancie, B., Klose, J., Baier, S., and Green, B. A. Isoflurane-induced attenuation of motor evoked potentials caused by electrical motor cortex stimulation during surgery. *J Neurosurg* 74, 897-904. **1991**.
23. Cedzich, C., Pechstein, U., Schramm, J., and Schäfer, S. Electrophysiological considerations regarding electrical stimulation of motor cortex and brain stem in humans. *Neurosurgery* 42, 527-532. **1998**.
24. Cedzich, C., Taniguchi, M., Schäfer, S., and Schramm, J. Somatosensory evoked potential phase reversal and direct motor cortex stimulation during surgery in and around the central region. *Neurosurgery* 38, 962-970. **1996**.

- 
25. Cedzich, C., Taniguchi, M., and Schramm, J. Die exakte Bestimmung des Sulcus centralis mittels SEP-Phasenumkehr. *Z EEG-EMG* 21(96). **1991**.
  26. Ciric, I., Ammirati, M., Vick, N., and Mikhael, M. Supratentorial gliomas: surgical considerations and immediate postoperative results. Gross total resection versus partial resection. *Neurosurgery* 21, 21-26. **1987**.
  27. Cracco, R. Q. and Bickford, R. G. Somatomotor and somatosensory evoked responses. Median nerve stimulation in man. *Arch Neurol* 18, 52-68. **1968**.
  28. Cushing, H. A note upon the faradic stimulation of central gyrus in conscious patients. *Brain* 32, 42-53. **1909**.
  29. Dawson, G. D. Cerebral responses to electrical stimulation of peripheral nerve in man. *J Neurol Neurosurg Psychiatry* 10, 137-140. **1947**.
  30. Dawson, G. D. Investigations on a patient subject to myotonic seizures after sensory stimulation. *J Neurol Neurosurg Psychiatry* 10, 141-149. **1947**.
  31. Dawson, G. D. A summation technique for the detection of small evoked potentials. *Electroencephalogr Clin Neurophysiol* 6, 65-84. **1954**.
  32. Desmendt, J. E. Neural generators of somatosensory evoked potential components in human beings. Nodar and Barber. Evoked potentials II. 39-50. **1984**. Boston, Butterworth.
  33. Desmendt, J. E. and Chéron, G. Somatosensory evoked potentials in man: subcortical and cortical components and their neural basis. *Ann NY Acad Sci* 388, 388-411. **1982**.

34. Donchin, E., Callaway, E., Cooper, R., and Sutton, S. Publication criteria for studies of evoked potentials in man: report of a committee. *Prog Clin Neurophysiol* 1, 1-11. **1977**.
35. Duus, P. Das motorische System. Duus, P. *Neurologisch-topische Diagnostik*. 5. Aufl.(2), 40-98. **1990**. Stuttgart, Georg Thieme Verlag.
36. Ebeling, U., Schmid, U., and Reulen, H. J. Tumor surgery within the central motor strip: surgical results with aid of electrical motor cortex stimulation. *Acta Neurochir (Wien)* 101, 101-107. **1990**.
37. Ebeling, U., Schmid, U., Ying, H., and Reulen, H. J. Safe surgery of lesions near the motor cortex using intra-operative mapping techniques: a report on 50 patients. *Acta Neurochir (Wien)* 119, 23-28. **1992**.
38. Firsching, R., Klug, N., Börner, U., and Sanker, P. Lesions of the sensorimotor region: somatosensory evoked potentials and ultrasound guided surgery. *Acta Neurochirurgica* 118, 87-90. **1992**.
39. Förster, O. The motor cortex in man in the light of Hughlings Jackson's doctrine. *Brain* 59(2), 10-159. **1936**.
40. Fritsch, G. and Hitzig, E. Über die elektrische Erregbarkeit des Großhirns. *Arch Anat Physiol Wiss Med* 37, 300-332. **1870**.
41. Goldring, S. A method for surgical management of focal epilepsy, especially as it relates to children. *J Neurosurg* 49, 344-356. **1978**.
42. Goldring, S. and Gregorie, E. Surgical management of epilepsy using epidural recordings to localize the seizure focus. *J Neurosurg* 60, 457-466. **1984**.

43. Gorman, A. L. F. Differential patterns of activation of the pyramidal system elicited by surface anodal and cathodal cortical stimulation. *J Physiol* 29, 547-564. **1966**.
44. Gregorie, E. and Goldring, S. Localization of function in the excision of lesions from the sensorimotor region. *J Neurosurg* 61, 1047-1054. **1984**.
45. Gruenbaum, A. S. F. and Sherrington, C. Observations on physiology of the cerebral cortex of some of the higher apes. *Proc R Soc Lond* 72, 152-209. **1903**.
46. Grundy, B. L. Intraoperative monitoring of sensory-evoked potentials. *Anesthesiology* 58, 72-87. **1983**.
47. Halliday, A. M. Changes in the form of cerebral evoked responses in man associated with various lesions of the nervous system. *Electroencephalogr Clin Neurophysiol (Suppl)* 25, 178-192. **1967**.
48. Hern, E. C., Landgren, S., Philips, C. G., and Porter, R. Selective excitation of corticofugal neurons by surface-anodal stimulation of the baboon's motor cortex. *J Physiol* 161, 73-90. **1962**.
49. Herz, A., Fraling, F., Niedner, I., and Farber, G. Pharmacologically induced alterations of cortical and subcortical evoked potentials compared with physiological changes during the awake-sleep cycle in cats. *EEG Clin Neurophysiol* 26, 164. **1967**.
50. Himwich, H. E. Brain metabolism and cerebral disorders. **1951**. Baltimore, Williams & Wilkins.
51. Hirakawa, K., Suzuki, K., Ueda, S., Nakawa, Y., Yoshino, E., and Ibayashi, N. Multivariate analysis of factors affecting postoperative survival in malignant astrocytomas. *J Neurooncol* 2, 331-340. **1984**.

52. Horsley, V. Remarks on ten consecutive cases of operations upon the brain and cranial cavity to illustrate the details and safety of method employed. *Br J Med* 1, 863. **1887.**
53. Horsley, V. The Croonian Lecture: On the mammalian nervous system, its functions and their localization, determined by an electrical method. *Philos Trans R Soc Lond* 182, 267-326. **1891.**
54. Horsley, V. and Schaefer, E. A. Experimental researches in cerebral physiology: 1. On the functions of the marginal convolution. *Proc R Soc Lond* 36, 437-442. **1883.**
55. Horsley, V. and Schaefer, E. A. A record of experiments upon the functions of the cerebral cortex. *Philos Trans R Soc Lond* 179, 1-45. **1888.**
56. Jasper, H., Lende, R., and Rasmussen, T. Evoked potentials from the exposed somatosensory cortex in man. *J Nerv Ment Dis* 130, 526-537. **1960.**
57. Kalkman, C. J., Drummond, J. C., and Ribberink, A. A. Low concentration of isoflurane abolish motor evoked response transcranial electrical stimulation during nitrous oxide/opioid anesthesia in humans. *Neurosurgery and Anesthesia* 73, 410-415. **1991.**
58. Keen, W. W. Cerebral localization and topography. Gray, H. Anatomy. Descriptive and Surgical. 681-684. **1887.** Philadelphia, Lea Brothers & Co.
59. Keen, W. W. Three successful cases of cerebral surgery. *Am J Med Sci* 96, 452-464. **1888.**
60. Keen, W. W. Topography of the brain in its surgical relations. Keen, W. W. and White, J. W. An American Textbook of Surgery for Practitioners and Students. 548-554. **1903.** Philadelphia, W.B. Saunders Co.

61. Keller, B. P., Haghghi, S. S., Oro, J. J., and Eggers, G. W. N. The effects of propofol anesthesia on transcortical electric evoked potentials in the rat. *Neurosurgery* 30, 557. **1992**.
62. Kelly, D. L., Goldring, S., and O'Leary, J. L. Averaged evoked somatosensory responses from exposed cortex of man. *Arch Neurol* 13, 1-9. **1965**.
63. King, R. B. and Schell, G. R. Cortical localization and monitoring during cerebral operations. *J Neurosurg* 67, 210-219. **1987**.
64. Koht, A., Schutz, W., Schmidt, G., Schramm, J., and Watanabe, E. Effects of etomidate, midazolam and thiopental on median nerve somatosensory evoked potentials and the additive effects of fentanyl and nitrous oxide. *Anesth Analg* 67, 435. **1988**.
65. Lam, A. M., Sharar, S. R., Mayberg, T. S., and Eng, C. C. Isoflurane compared with nitrous oxide anesthesia for intraoperative monitoring of somatosensory evoked potentials. *Can J Anaesth* 41, 295-301. **1994**.
66. Le Roux, P., Berger, M. S., Heyland, M., Pilchner, W., and Ojemann, G. A. Use of stimulation in motor mapping in the resection of intrinsic tumors from face motor cortex (Poster-Presentation). *Annual AANS Meeting Nashville, TN* . **4-29-1990**.
67. Lesser, R. P., Koehle, R., and Lueders, H. Effect of stimulus intensity on short latency somatosensory evoked potentials. *Electroencephalogr Clin Neurophysiol* 47, 377-382. **1979**.
68. Levin, V. A., Leibel, S. A., and Gutin, P. H. Neoplasms of the central nervous system. DeVita, V. T. Jr, Hellman, S., and Rosenberg, S. A. Cancer: Principles and

- Practice of Oncology. 5. Auflage, 2022-2082. **1999**. Philadelphia, Lippincott-Raven Publishers.
69. Leyton, A. S. F. and Sherrington, C. Observation on the excitable cortex of the chimpanzee, orangutan and gorilla. *Q J Exp Physiol* 11, 135-222. **1917**.
  70. Loughnan, B. A., King, M. J., Grundy, E. M., Young, D. L., and Hall, G. M. Effects of halothane on somatosensory evoked potentials recorded in the extradural space. *Br J Anesth* 62, 297. **1989**.
  71. Lüders, H., Lesser, R. P., and Hahn, J. Cortical somatosensory evoked potentials in response to hand stimulation. *J Neurosurg* 58, 885-894. **1983**.
  72. Mahaley, M. S., Mettlin, C., and Natarajan, N. National survey of patterns of care for brain-tumor patients. *J Neurosurg* 71(6), 826-836. **1989**.
  73. Mason, D. G., Higgins, D., Boyd, S. G., and Lloyd-Thomas, A. R. Effects of isoflurane anesthesia on the median nerve somatosensory evoked potential in children. *Br J Anesth* 69, 552. **1992**.
  74. Mason, D. G., Higgins, D., Boyd, S. G., and Lloyd-Thomas, A. R. Sequential measurement of the median nerve somatosensory evoked potential during isoflurane anesthesia in children. *Br J Anesth* 69, 567. **1992**.
  75. Mavroudakis, N., Vandesteene, A., Brunko, E., Defevrimont, M., and Zegers de Bey I, D. Spinal and brain stem SEPs and H reflex during enflurane anesthesia. *Electroencephalogr Clin Neurophysiol* 92, 82. **1994**.
  76. McCreery, D., Agnew, W., Yuen, T. G. H., and Bullara, L. Charge density and charge per phase as cofactors in neural injury induced by electrical stimulation. *IEEE Trans Biomed Eng* 37, 996-1001. **1990**.

77. McPherson, R. W., Mahla, M., Johnson, R., and Traystman, R. J. Effects of enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials during phentanyl anesthesia. *Anesthesiology* 62, 626. **1985**.
78. Northfield, D. W. C. Sir Victor Horsley: his contributions to neurological surgery. *Surg neurol* 1, 131-134. **1973**.
79. Nuwer, M. R. Localization of motor cortex with median nerve somatosensory evoked potentials. Schramm, J. and MØller, A. Intraoperative Neurophysiological Monitoring in Neurosurgery. 35-41. **1991**. Berlin, Springer-Verlag.
80. Ojemann, J. G., Miller, J. W., and Silbergeld, D. L. Preserved function in brain invaded by tumor. *Neurosurgery* 39, 253-258. **1996**.
81. Penfield, W. Ferrier lecture: some observations on cerebral cortex of man. *Proc Roy Soc Lond* 134, 329-347. **1947**.
82. Penfield, W. and Boldrey, E. Somatic motor and sensory representation in the cerebral cortex of man as studied by electrical stimulation. *Brain* 60, 389-443. **1937**.
83. Penfield, W. and Rasmussen, T. The cerebral cortex of man. A clinical study of localization of function. **1950**. New York, MacMillan.
84. Penfield, W. and Welch, K. The supplementary motor area of the cerebral cortex. *A.M.A.Arch Neurol Psych* 66, 289-317. **1951**.
85. Perlki, S. J., VanEgeren, R., and Fisher, M. A. Somatosensory evoked potential surgical monitoring. Observations during combined isoflurane/nitrous oxide anesthesia. *Spine* 17, 273. **1992**.

86. Peterson, D. O., Drummond, J. C., and Todd, M. M. Effects of halothane, enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials in humans. *Anesthesiology* 65, 35. **1986**.
87. Porkkala, T., Jantti, V., Kaukinen, S., and Hakkinen, V. Somatosensory evoked potentials during isoflurane anesthesia. *Acta Anaesthesiol Scand* 38, 206-210. **1994**.
88. Salzman, S. K., Beckman, A. L., Marks, H. G., Naidu, R., Bunnell, W. P., and MacEwen, G. D. Effects of halothane on intraoperative scalp-recorded somatosensory evoked potentials to posterior tibial nerve stimulation in man. *Electroencephalogr Clin Neurophysiol* 65, 36. **1986**.
89. Samra Satwant, K., Vanderzant, C. W., Domer, P. A., and Sackellares, J. C. Differential effects of isoflurane on human median nerve somatosensory evoked potentials. *Anesthesiology* 66, 29. **1987**.
90. Scheepstra, G. L., De Lange, J. J., Booij, L. H., and Ros, H. H. Median nerve evoked potentials during propofol anesthesia. *Br J Anesth* 62, 92. **1989**.
91. Schirmer, M. Epidemiologie intrakranieller Tumoren. Schirmer, M. Neurochirurgie: Eine Einführung. 8. Auflage(Kapitel 9.1.2), 175-176. **1994**. München, Urban und Schwarzenberg Verlag.
92. Schwegler, J. S. and Bienstein, C. Anatomie und Physiologie des Menschen. Schwegler, J. S. 1. Edition, 300. **1996**. Stuttgart, New York, Thieme Verlag.
93. Sebel, P. S., Erwin, C. W., and Neville, W. K. Effects of halothane and enflurane on far and near field somatosensory evoked potentials. *Br J Anesth* 59, 1492. **1987**.

- 
94. Sebel, P. S., Ingram, D. A., Flynn, P. J., Rutherford, C. F., and Rogers, H. Evoked potentials during isoflurane anaesthesia. *Br J Anesth* 58, 580. **1986**.
95. Senn, H. J., Drings, P., Glaus, A., Jungi, W. F., Pralle, H. B., Sauer, R., and Schlag, P. M. Tumoren des zentralen Nervensystems. Sturm, A., Largiader, F., and Wicki, O. Onkologie. 4. Auflage, 364-365. **1998**. Stuttgart, Georg Thieme Verlag.
96. Shimoji, K., Maruyama, Y., Shimizu, H., Fuyioka, H., and Urano, S. The effects of anesthetics on somatosensory evoked potentials from the brain and spinal cord in man. Gomez, Q. J., Egay, L. M., and de la Cruz-Odi, M. F. Anaesthesia - Safety for all. 159-164. **1984**. Elsevier Science Publishers B.V.
97. Skirboll, S. S., Ojemann, J. G., Berger, M. S., Lettich, E., and Winn, H. R. Functional cortex and subcortical white matter located within gliomas. *Neurosurgery* 38, 678-684. **1996**.
98. Sloan, T. B. Evoked potentials: Effects on anesthesia and physiology. Albin, M. S. A textbook of neuroanesthesia with neurosurgical and neuroscience perspective. 221-276. **1996**. New York, McGraw-Hill.
99. Sloan, T. B. and Koht, A. Depression of cortical somatosensory evoked potentials by nitrous oxide. *Br J Anesth* 57, 849-852. **1985**.
100. Starr, A. Sensory evoked potentials in clinical disorders of the nervous system. *Ann Rev Neurosci* 1, 103-127. **1978**.
101. Stohr, P. E. and Goldring, S. Origin of somatosensory evoked scalp responses in man. *J Neurosurg* 31, 117-127. **1969**.
102. Stone, J. L., Ghaly, R. F., Levy, J. W., Kartha, R., Krinsky, L., and Roccaforte, P. A comparative analysis of enflurane anesthesia on primate motor and

- somatosensory evoked potentials. *Electroencephalogr Clin Neurophysiol* 84, 180-187. **1992**.
103. Stöhr, M. Somatosensorisch evozierte Potentiale (SEP). Maurer, K., Lowitzsch, K., and Stöhr, M. *Evozierte Potentiale*. 2. Aufl.(3), 130-175. **1990**. Stuttgart, Ferdinand Enke Verlag.
104. Stöhr, M. Somatosensible Reizantwort von Rückenmark und Gehirn. Stöhr, M., Dichgans, J., Buettner, U. W., Hess, C. W., and Altenmüller, E. *Evozierte Potentiale*. 3. Edition, 63. **1996**. Berlin, Heidelberg, New York, Springer Verlag.
105. Süß, O. Die monopolare Kortex Stimulation (MKS) : eine neue Methode für das intraoperative neurophysiologische Monitoring bei Operationen im bzw. in der Nähe des Gyrus praecentralis. **1999**. Fachbereich Medizin der Freien Universität Berlin.
106. Taniguchi, M., Cedzich, C., and Schramm, J. Modification of cortical stimulation for motor evoked potentials under general anesthesia: technical description. *Neurosurgery* 32, 219-226. **1993**.
107. Taniguchi, M., Schramm, J., and Cedzich, C. Recording of myogenetic motor evoked potentials (mMEP) under general anesthesia. Schramm, J. and MØller, A. *Intraoperative neurophysiologic monitoring in neurosurgery*. 72-87. **1991**. Berlin, Springer Verlag.
108. Thornton, C., Creagh-Barry, P., Jordan, C., and Newton, D. E. F. Somatosensory and auditory evoked responses recorded simultaneously: Differential effects of nitrous oxide and isoflurane. *Br J Anesth* 68, 508. **1992**.
109. Tönnis, W. and Walter, W. Das Glioblastoma multiforme (Bericht über 2.611 Fälle). *Acta Neurochir Suppl* 6, 40-62. **1959**.

110. Uematsu, S., Lesser, R. P., and Gordon, B. Localization of the sensorimotor cortex: The influence of Sherrington and Cushing on the modern concept. *Neurosurgery* 30(6), 904-913. **1992**.
111. Wang, A. D., Costa e Silva, I., Symon, L., and Jewkes, D. The effects of halothane on somatosensory and flash visual evoked potentials during operations. *Neurol Res* 7, 58. **1985**.
112. Weir, B. The relative significance of factors affecting postoperative survival in astrocytomas, grades 3 and 4. *J Neurosurg* 38, 448-452. **1973**.
113. Weir, B. and Grace, M. The relative significance of factors affecting postoperative survival in astrocytomas, grades one and two. *Can J Neurol Sci* 3, 47-50. **1976**  
.
114. Wood, C., Spencer, D., Allison, T., McCarthy, G., Williamson, P., and Goff, W. Localisation of human sensorimotor cortex during surgery by cortical surface recording of somatosensory evoked potentials. *J Neurosurg* 68, 99-111. **1988**.
115. Woolsey, C. N. Tonotopic organisation of the auditory cortex. Sachs, M. B. Physiology of the auditory system: A workshop. **1972**. Baltimore, Nat Educ Consultants.
116. Woolsey, C. N. and Erickson, T. C. Study of the postcentral gyrus of man by the evoked potential technique. *Trans Am Neurol Assoc* 75, 50-52. **1950**.
117. Woolsey, C. N., Erickson, T. C., and Gilson, W. E. Localisation in somatic sensory and motor areas of human cerebral cortex as determined by direct recording of evoked potentials and electrical stimulation. *J Neurosurg* 51, 476-506. **1979**.

118. Yousry, T. A., Schmid, U., and Jassoy, A. G. Topography of the cortical motor hand area: prospective study with functional MR Imaging and direct motor mapping at surgery. *Radiology* 195, 23-29. **1995**.
119. Zentner, J., Albrecht, T., and Heuser, D. Propofol increases amplitudes of SEP. *Func Neurol* 6, 411. **1991**.
120. Zentner, J., Hufnagel, A., Pechstein, U., Wolf, H. K., and Schramm, J. Functional results after resective procedures involving the supplementary motor area. *J Neurosurg* 85, 542-549. **1996**.
121. Zentner, J., Kiss, I., and Ebner, A. Influence of anesthetics - nitrous oxide in particular - on electromyographic response evoked by transcranial electrical stimulation of the cortex. *Neurosurgery* 24, 253-256. **1989**.