

6. Literaturverzeichnis

- 1 Abbott R, Epstein F, Wisoff J. Chronic headache associated with a functioning shunt: usefulness of pressure monitoring. *Neurosurg* 1991; 28: 72-77.
- 2 Allin D, Czosnyka Z, Czosnyka M, Richards H, Pickard J. In vitro hydrodynamic properties of the Miethke proGAV hydrocephalus shunt. *Cerebrospinal Fluid Res* 2006; 3: 9-13.
- 3 Ames R. Ventriculoperitoneal shunts in the management of hydrocephalus. *J Neurosurg* 1967; 27: 525-529.
- 4 Amini A, Schmidt RH. Endoscopic Third Ventriculostomy in a series of 36 Adult Patients. *Neurosurg Focus* 2005; 19(6) online publication
- 5 Aronyk KE. The history and classification of hydrocephalus. *Neurosurg Clin North Am* 1993; 4: 599-610.
- 6 Aschoff A, Kremer P, Hashemi B, Kunze S. The scientific history of hydrocephalus and its treatment. *Neurosurg Rev* 1999; 22: 67-93.
- 7 Aschoff A, Biedermann D, Ludwig J, El Tayeh A, Biedermann N, Piotrowicz A, Kremer P. Long-Term-Experience (max. 22 years) with 38 Antisiphon-Devices. 2007; Poster, IVth International Hydrocephalus Workshop, Rhodos.
- 8 Aschoff A, Biedermann D, Biedermann N, El Tayeh A, Ludwig J, Piotrowicz A, Hashemi B, Kremer P. Progress and Controversy in 269 Valve Designs (150 on World Market). Stagnation or Approximation on an Intelligent Design. 2007; Abstract, IVth International Hydrocephalus Workshop, Rhodos.
- 9 Bamforth S, Baird A. Spina Bifida and Hydrocephalus: a Population Study over a 35-Year Period. *Am J Hum Genet* 1989; 44: 225-232.
- 10 Baumeister F, Hofer M, Egger J. Progressive posthämorrhagische Ventrikelerweiterung der Frühgeborenen. *Monatsschr Kinderheilkd* 2000; 148: 1072-1077.
- 11 Berfelde D. Komplikationen nach Shuntimplantation bei Kindern und Erwachsenen. Diss., Berlin 1999.

- 12 Borch J. Erste klinische Ergebnisse der Implantation des schwerkraftgeregelten Ventils PaediGAV bei Kindern mit Hydrocephalus. Diss., Berlin 2005.
- 13 Brydon H, Hayward R, Harkness W, Baystone R. Physical Properties of cerebrospinal fluid of relevance to shunt function. 1: The effect of protein upon CSF viscosity. *British J Neurosurg* 1995; 9(5): 639-644.
- 14 Brydon H, Keir G, Thompson E, Bayston R, Harkness W. Protein adsorption to hydrocephalus shunt catheters: CSF protein adsorption. *J Neurol Neurosurg Psychiatry* 1998; 64: 643-647.
- 15 Caldarelli M, Di Rocco C, La Marca F. Shunt complications in the first postoperative year in children with meningomyelocele. *Childs Nerv Syst* 1996; 12: 748-754.
- 16 Carrion E, Hertzog J, Medlock M, Hauser G, Dalton H. Use of acetazolamide to decrease cerebrospinal fluid production in chronically ventilated patients with ventriculopleural shunts. *Arch Dis Child* 2001; 84: 68-71.
- 17 Cedzich C, Wießner A. Die Behandlung des kindlichen Hydrocephalus mit hydrostatischen Ventilen. *Zentralbl Neurochir* 2003; 64: 51-57.
- 18 Choksey M, Malik I. Zero tolerance to shunt infections: can it be achieved? *J Neurol Neurosurg Psychiatry* 2004; 75: 87-91.
- 19 Choux M, Genitori L, Lang D, Lena G. Shunt implantation: reducing the incidence of shunt infection. *J Neurosurg* 1992; 77: 875-880.
- 20 Cinalli G. Endoscopic third ventriculostomy for obstructive hydrocephalus. *Neurosurg Rev* 2005; 28: 37-38.
- 21 Cowan F, Whitelaw A. Acute effects of acetazolamide on cerebral bloodflow velocity and pCO₂ in the newborn infant. *Acta Paediatr Scand* 1991; 80: 22-27.
- 22 Cutler R, Page J, Galicich J, Watters G. Formation and absorption of cerebrospinal fluid in man. *Brain* 1968; 91(4): 707-720.
- 23 Czosnyka Z, Czosnyka M, Whitehouse H, Pickard J. Hydrodynamic properties of hydrocephalus shunts. *J Neurol Neurosurg Psychiatry* 1997; 62: 43-50.

- 24 Czosnyka Z, Czosnyka M, Pickard J. Hydrodynamic performance of a new siphon preventing device: the Siphon Guard. *J Neurol Neurosurg Psychiatry* 1998; 66: 408-410.
- 25 Czosnyka Z, Czosnyka M, Richards H, Pickard J. Hydrodynamic properties of hydrocephalus shunts. *Acta Neurochir Suppl* 1998; 71: 334-339.
- 26 Czosnyka Z, Pickard J. Monitoring and interpretation of intracranial pressure. *J Neurol Neurosurg Psychiatry* 2004; 75: 813-821.
- 27 Czosnyka Z, Czosnyka M, Whitehouse H, Pickard J. Hydrodynamic properties of hydrocephalus shunts: United Kingdom shunt evaluation laboratory. *J Neurol Neurosurg Psychiatry* 1997; 62: 43-50.
- 28 Dandy W. The diagnosis and treatment of hydrocephalus resulting from strictures of the aquaeduct of Sylvius. *Surg Gynecol Obstet* 1920; 31: 340-358.
- 29 Dandy W. An operative procedure for hydrocephalus. *John Hopkins Hosp Bull* 1922; 33: 189-196.
- 30 Dandy W. Extirpation of the choroid plexus of the lateral ventricles in communicating hydrocephalus. *Ann Surg* 1918a; 37: 569-579.
- 31 Dandy W. Ventriculography following the injection of air into the ventricles. *Ann Surg* 1918b; 68: 5-11.
- 32 Dandy W. Experimental hydrocephalus. *Ann Surg* 1919; 37: 129-142.
- 33 Dandy W, Blackfan KD. An experimental and clinical study of internal hydrocephalus. *J Am Med Assoc* 1913; 61: 2216-2217.
- 34 Dandy W, Blackfan KD. Internal hydrocephalus. *Am J Dis Child* 1914; 8: 406-482.
- 35 Dastague J. Die Paläopathologie. In: R. Toellner (Hrsg). *Illustrierte Geschichte der Medizin*. Salzburg: Andreas und Andreas, 1986: 39.
- 36 De Lange SA. Progressive hydrocephalus. In: Vinken PJ, Bruyn GW, Myrianthopoulos NC (Hrsg). *Handbook of clinical neurology*, Vol 30. North Holland, Amsterdam: 1977a: 525-563.

- 37 Detwiler P, Porter R, Rekate H. Hydrocephalus - clinical features and management. In: Choux M, Di Rocco C, Hockley A, Walker M (Hrsg). Pediatric Neurosurgery. London, Churchill Livingstone, 1999: 262-267.
- 38 Detwiler P, Porter R, Rekate H. Hydrocephalus - clinical features and management. In: Choux M, Di Rocco C, Hockley A, Walker M (Hrsg) Pediatric Neurosurgery. London, Churchill Livingstone, 1999: 268.
- 39 Di Rocco C, Di Trapani G, Pettorossi V, Caldarelli M. On the pathology of experimental hydrocephalus induced by artificial increase in endoventricular CSF pulse pressure. *Childs Brain* 1979; 5: 81-95.
- 40 Di Rocco C, Cinalli G, Massimi L, Spennato P, Cianciulli E, Tamburini G. Endoscopic third ventriculostomy in the treatment of hydrocephalus in pediatric patients. *Adv Tech Stand Neurosurg* 2006; 31: 119-219.
- 41 Di Rocco C. Is the slit ventricle syndrome always a slit ventricle syndrome? *Childs Nerv Syst* 1994; 10: 49-58.
- 42 Dickermann R, McConathy W, Morgan J, Stevens Q, Jolley J, Schneider S. Failure rate of frontal versus parietal approaches for proximal catheter placement in ventriculoperitoneal shunts: revisited. *J Clin Neurosci* 2005; 12(7): 781-783.
- 43 Drake J, Kestle J. Rationale and methodology of the multicenter pediatric cerebrospinal fluid shunt design trial. *Childs Nerv Syst* 1996; 12: 434-447.
- 44 Drake J, Kestle J, Milner R, Cinalli G, Boop F, Piatt J, Haines S, Schiff S, Cochran D, Steinbok P, MacNeil N. Randomized Trial of Cerebrospinal Fluid Shunt Valve Design in Pediatric Hydrocephalus. *Neurosurgery* 1998; 43: 294-305.
- 45 Egnor M, Rosiello A, Zheng L. A model of intracranial pulsations. *Pediatr Neurosurg* 2001; 35: 284-298.
- 46 Egnor M, Zheng L, Rosiello A, Gutman F, Davis R. A model of pulsations in communicating hydrocephalus. *Pediatr Neurosurg* 2002; 36: 281-303.
- 47 El Khamlichi. African neurosurgery. Part I: historical outline. *Surg Neurol* 1998; 49: 222-227.

- 48 Erbengi A. History and Development of Neurosurgery in Anatolia (Part One). *Turkish Neurosurgery* 1993; 3: 1-5.
- 49 Eymann R. Pediatric gravitational shunts: initial results from a prospective study. *J Neurosurg (3 Suppl Pediatrics)* 2007; 106: 179-184.
- 50 Eymann R, Kiefer M. Clinical experience with the first pediatric gravitational CSF-shunt: The Miethke PaediGAV. *Nervous System in Children* 2000; 25 (6): 348
- 51 Fennell E, Hagberg G, Hagberg B. Infantile hydrocephalus epidemiology: an indicator of enhanced survival. *Arch Dis Child Fetal Neonatal Ed.* 1994; 70 (2): F123-128.
- 52 Marek Fisz. Wahrscheinlichkeitsrechnung und mathematische Statistik. Berlin: VEB Deutscher Verlag der Wissenschaften, 1976.
- 53 Frim DM, Goumnerova LC. In vivo intracranial pressure dynamics in patients with hydrocephalus treated by shunt placement. *J Neurosurg* 2000; 92: 927-932.
- 54 Geyer C. Morphometrie beim kindlichen Hydrocephalus. Berlin 2007; Konferenz-Abstract. Studientreffen PaediGAV.
- 55 Gjerris F, Snorrason E. The history of hydrocephalus. *J Hist Neurosci* 1992; 1: 285-312.
- 56 Grant J. Victor Darwin Lespinasse. *Neurosurg* 1996; 39: 1232-1237.
- 57 Grant J, McLone D. Third ventriculostomy: A review. *Surg Neurol* 1997; 47: 210-212.
- 58 Greitz D, Franck A. On the pulsatile nature of intracranial and spinal CSF - circulation demonstrated by MR imaging. *Acta Radiol* 1993; 34: 321-328.
- 59 Greitz D, Hannerz J. A proposed model of cerebrospinal fluid circulation: observations with radionuclide cisternography. *Am J Neuroradiol* 1996; 17: 431-438.
- 60 Greitz D. On the active vascular absorption of plasma proteins from tissue: re-thinking the role of the lymphatic system. *Med Hypoth* 2002; 59: 696-702.
- 61 Greitz D. Radiological assessment of hydrocephalus: new theories and implications for therapy. *Neurosurgical Review* 2004; 27(3): 145-165.

- 62 Greitz D. Paradigm shift in hydrocephalus research in legacy of Dandy's pioneering work: rationale for third ventriculostomy in communicating hydrocephalus. *Childs Nerv Syst* 2007; 23(5): 487-489.
- 63 Greitz D. The bulk flow model cannot explain communicating hydrocephalus and must be replaced by a new concept. *Childs Nerv Syst* 2007; 2007, Epub ahead of print.
- 64 Greitz D, Greitz T. The pathogenesis and hemodynamics of hydrocephalus. *Int J Neuroradiol* 1997; 3: 367-375.
- 65 Haberl H, Michael T, Thomale UW. Hydrocephalus. *Pädiatrie update* 2007; 1 (2. Jahrgang): 25-43.
- 66 Hakim S, Adams R. The special clinical problem of symptomatic hydrocephalus with normal cerebrospinal fluid pressure. *J Neurol Sci* 1965; 2: 307-327.
- 67 Hampl J, Jansen B, Schierholz J, Aschoff A. In vitro and in vivo efficacy of a rifampicin-loaded silicone catheter for the prevention of CSF shunt infections. *Acta Neurochir* 1995; 133: 147-152.
- 68 Hanekorn W, Yoge R. Cerebrospinal fluid shunt infections. *Adv Pediatr Infect Dis* 1996; 11: 29-53.
- 69 Hanlo P, Cinalli G, Vandertop W, Faber J, Bogeskov L, Borgesen S, Boschert J, Chumas P, Eder H, Pople I, Serlo W, Vitzthum E. Treatment of hydrocephalus determined by the European Orbis Sigma Valve II survey: a multicenter prospective 5-year shunt survival study in children and adults in whom flow-regulating shunt was used. *J Neurosurg* 2003; 99: 52-57.
- 70 Haynes I. Congenital internal hydrocephalus: its treatment by drainage of the cisterna magna into the cranial sinuses. *Ann Surg* 1913; 57(4): 449-484.
- 71 Hellwig D, Grotenhuis J, Tirakotai W, Riegel T, Schulte D, Bauer B, Bertalanffy H. Endoscopic third ventriculostomy for obstructive hydrocephalus. *Neurosurg Rev* 2005; 28: 1-34.
- 72 Henle A. Beitrag zur Pathologie und Therapie des Hydrocephalus. In: *Mitteilungen aus dem Grenzgebiet Medizin und Chirurgie*. 1896: 264-302.

- 73 Ingraham FD, Campell JB. An opportunity for closed drainage of ventricular systems. *Ann Surg* 1941; 114: 1096-98.
- 74 International PHVD Drug Trial Group. International randomised controlled trial of acetazolamide and furosemide in posthaemorrhagic ventricular dilatation in infancy. *Lancet* 1998; 352: 433-440.
- 75 Jain H, Sgouros S, Walsh A, Hockley A. The treatment of infantile hydrocephalus: "differential-pressure" or "flow-control" valves. *Childs Nerv Syst* 2000; 16: 242-246.
- 76 Jamous M, Sood S, Kumar R, Ham S. Frontal and occipital Horn Width Ratio for the Evaluation of Small and Asymmetrical Ventricles. *Pediatric Neurosurg* 2003; 39:17-21.
- 77 Kestle J, Drake J, Cochrane D, Milner R, Walker M, Abbott R, Boop F. Lack of efficacy of antibiotic-impregnated shunt systems in preventing shunt infections in children. *Childs Nerv Syst* 2007; 23(7): 773-777.
- 78 Kestle J, Drake J, Milner R, Sainte-Rose C, Cinalli G, Boop F, Piatt J, Haines S, Schiff S, Cochrane D, Steinbok P, MacNeil N. Long-Term Follow-Up Data from the Shunt Design Trial. *Pediatr Neurosurg* 2000; 33(5): 230-236.
- 79 Kestle J, Drake J, Cochrane D, Milner R, Walker M, Abbott R, Boop F. Lack of benefit of endoscopic ventriculoperitoneal shunt insertion: a multicenter randomized trial. *J Neurosurg* 2003; 98: 284-290.
- 80 Kestle J, Walker M. Strata Investigators. A multicenter prospective cohort study of the strata valve for the management of hydrocephalus in pediatric patients. *J Neurosurg* 2005; 102(2 Suppl): 141-145.
- 81 Kestle J, Garton H, Whitehead W, Drake J, Kilkarni A, Cochrane D, Muszynski C, Walker M. Management of shunt infections: a multicenter pilot study. *J Neurosurg* 2006; 105(3 Suppl): 177-181.
- 82 Key EAH, Retzius M. Studien in der Anatomie des Nervensystems und des Bindegewebes. Stockholm: Samson and Wallin, 1875.

- 83 Kiefer M, Eymann R, Strowitzki M, Steudel W. Gravitational shunts in longstanding overt ventriculomegaly in adults. *Neurosurgery* 2005; 57: 109-119.
- 84 Kiefer M, Eymann R, Meier U. Five years experience with gravitational shunts in chronic hydrocephalus of adults. *Acta Neurochir* 2002; 144: 755-767.
- 85 Krause F. Hirnpunktion und Ventrikelpunktion. Wien: Urban und Schwarzenberg, 1911.
- 86 Kulkarni A, Drake J, Armstrong D, Dirks B. Measurement of Ventricular Size: Reliability of the Frontal and Occipital Horn Ratio compared to Subjective Assessment. 1999; 31(2): 65-70.
- 87 Kulkarni A, Rabin D, Drake J. An instrument to measure the health status in children with hydrocephalus: The Hydrocephalus Outcome Questionnaire. *J Neurosurg (Pediatrics)* 2004; 101: 134-140.
- 88 Kulkarni A, Drake J, Lamberti-Pasculli M. Cerebrospinal fluid shunt infection: a prospective study of risk factors. *Journal of Neurosurgery* 2001; 94: 195-201.
- 89 Mangano F, Menendez J, Harbrock T, Narayan P, Leonard J, Park S, Smyth M. Early programmable valve malfunctions in pediatric hydrocephalus. *J Neurosurg (Pediatrics)* 2005; 103(6): 501-507.
- 90 McNickle H. The surgical treatment of hydrocephalus: a simple method of performing third ventriculostomy. *Br J Surg* 1947; 34: 302-307.
- 91 Meier U, Kiefer M, Sprung C. Evaluation of the Miethke dual switch valve in the treatment of pediatric hydrocephalus. *Surg Neurol* 2004; 61: 119-128.
- 92 Meier U, Kiefer M, Sprung C. Evaluation des Miethke-Dual-Switch-Ventils bei Patienten mit Normaldruckhydrozephalus. *Akt Neurol* 2000; 27: 435-441.
- 93 Meier U, Kintzel D. Clinical experiences with different valve systems in patients with normal-pressure hydrocephalus: evaluation of the Miethke dual-switch valve. *Childs Nerv Syst* 2002; 18: 288-294.
- 94 Meling T, Egge A, Due-Tønnessen B. The Gravity-Assisted Paed-Gav Valve in the Treatment of Pediatric Hydrocephalus. *Pediatric Neurosurgery* 2005; 41(8): 8-14.

- 95 Miethe C, Affeld K. A new valve for the treatment of Hydrocephalus. *Biomed Techn* 1994; 39: 181-187.
- 96 Mixter W. Ventriculoscopy and puncture of the floor of the third ventricle. *Boston Med Surg J* 1923; 188: 277-278.
- 97 Mori K. Hydrocephalus - revision of its definition and classification with special reference to "intractable infantile hydrocephalus". *Childs Nerv Syst* 1990; 6: 198-204.
- 98 Naidich T, McLone D. Radiographic classification and gross morphologic features of hydrocephalus. In: Hoffman H, Epstein F (Hrsg). Disorders of the Developing Nervous System; Diagnoses And Treatment. Oxford, Blackwell Scientific Publications, 1986: 505-539.
- 99 Nulsen F, Spitz E. Treatment of hydrocephalus by direct shunt from ventricle to jugular vein. *Surg Forum* 1952; 2: 399-403.
- 100 O'Connel J, Meling T. The vascular factor in intracranial pressure and the maintenance of the cerebrospinal fluid circulation. *Brain* 1943; 66: 204-228.
- 101 O'Hayon B, Drake J, Ossip M, Tuli S, Clarke M. Frontal and occipital Horn Ratio: A Linear Estimate of Ventricular Size for Multiple Imaging Modalities in Pediatric Hydrocephalus. *Pediatr Neurosurg* 1998; 29: 245-249.
- 102 Pampus F. Zur Technik der Ventrikeldrainage. *Zentralbl Neurochir* 1953; 13: 219-223.
- 103 Paraskevopoulos D, Aschoff A, Scheihing M, Kockro R, Halatsch M, Zweckberger K. Efficacy and Cost-Benefit of Antibiotically Impregnated Catheters. A Review of 1255 Patients (62 Own). 2007; Abstract, IVth International Hydrocephalus Workshop, Rhodos.
- 104 Payr E. Elfjähriger Dauererfolg einer Ventrikeldrainage bei Hydrocephalus. *Med Klin* 1919; 49: 1247-1251.
- 105 Persson E, Anderson S, Wiklund L, Uvebrant P. Hydrocephalus in children born in 1999-2002: epidemiology, outcome and ophthalmological findings. *Childs Nerv Syst* 2006; epub ahead of print.

- 106 Pollack I, Albright A, Adelson P. The Hakim-Medos Investigator Group. A Randomized, Controlled Study of a Programmable Shunt Valve versus a Conventional Valve for Patients with Hydrocephalus. *Neurosurgery* 1999; 45(6): 1399-1419.
- 107 Pople I, Ettles D. The Role of Endoscopic Choroid Plexus Coagulation in the Management of Hydrocephalus. *Neurosurgery* 1995; 36(4): 698-702.
- 108 Poremba M. Normaldruckhydrocephalus. In: Brandt T, Dichgans J, Diener HC (Hrsg). Therapie und Verlauf neurologischer Erkrankungen. Stuttgart, Kohlhammer, 1994: 969-976 sowie 684-85.
- 109 Pötzsch S, Hoyer-Schuschke J, Köhn A, Vogt C, Götz D, Haase M. Jahresbericht des Bundeslandes Sachsen-Anhalt zur Häufigkeit von kongenitalen Fehlbildungen und Anomalien sowie genetisch bedingten Erkrankungen. Magdeburg 2005.
- 110 Pudenz R. Experimental and clinical observations of the shunting of cerebrospinal fluid into the circulatory system. *Clin Neurosurg* 1958; 98: 115.
- 111 Pudenz R. The Surgical Treatment of Hydrocephalus - An Historical Review. *Surg Neurol* 1981; 15: 15-26.
- 112 Quincke H. Die Lumbalpunktion des Hydrocephalus. *Berli Klin Wschr* 1891; 28: 929-933, 965-968.
- 113 Rachel R. Surgical treatment of hydrocephalus: a historical perspective. *Pediatr Neurosurg* 1999; 30(6): 296-304.
- 114 Raimondi A, Matsumoto S. A simplified technique for performing the ventriculo-peritoneal shunt. Technical note. *J Neurosurg* 1967; 26: 357-363.
- 115 Raimondi A. Hydrocephalus. In: Raimondi A (Hrsg). Pediatric Neurosurgery. New York, Springer, 1987: 453-491.
- 116 Raimondi A. A unifying theory for the definition and classification of hydrocephalus. *Childs Nerv Syst* 1994; 10(1): 2-12.
- 117 Rawlings C, Rossich E. The history of trephination in Africa with a discussion of its current status and continuing practice. *Surg Neurol* 1994; 41: 507-513.

- 118 Rekate H. Classification of slit-ventricle syndromes using intracranial pressure monitoring. *Pediatr Neurosurg* 1993; 19: 15-20.
- 119 Rekate H, Nadkarni T, Wallace D. Severe intracranial hypertension in slit ventricle syndrome managed using a cisterna magna-ventricle-peritoneum shunt. *J Neurosurg* 2006; 104(4 Suppl): 240-244.
- 120 Rekate H. Comments on the article by D. Greitz "Paradigm shift in hydrocephalus research in legacy of Dandy's pioneering work: rationale for third ventriculostomy in communicating hydrocephalus". *Childs Nerv Syst* 2007; 2007, epub ahead of print.
- 121 Richards G, Anton S. Craniofacial configuration and postnatal development of a hydrocephalic child ca. 2500 BC-500 AD: with a review of cases and comments on diagnostic criteria. *Am J Phys Anthropol* 1991; 85: 185-200.
- 122 Riechert T, Umbach W. In: Olivecrona H, Tönnis W (Hrsg). Handbuch der Neurochirurgie Band 1. Berlin, Springer, 1960: 662-663.
- 123 Rösch C, Götz D, Lehmann R, Vogt C, Wieprecht A, Hopstock S, Steinbicker V. Jahresbericht zur Häufigkeit von Fehlbildungen und Anomalien sowie mitgeteilten genetisch bedingten Erkrankungen 1999. Magdeburg 2000.
- 124 Pudenz RH, Russel F, Hurd A, Sheldon C. Ventriculoauriculostomie. A technique for shunting cerebrospinal fluid into the right auricle preliminary report. *J Neurosurg* 1957; 14: 171-179.
- 125 Sainte-Rose C, Piatt J, Renier D, Pierre-Kahn A, Hirsch J, Hoffman H, Humphreys R, Hendrick E. Mechanical Complications in Shunts. *Pediatr Neurosurg* 1991-92; 17: 2-9.
- 126 Scarff J. The treatment of nonobstructive (communicating) hydrocephalus by endoscopic cauterisation of the choroids plexus. *J Neurosurg* 1991; 33: 1-18.
- 127 Scarff G, Stookey B. Treatment of obstructive hydrocephalus by third ventriculostomy. Report of two cases. *Arch Neurol* 1936; 36: 1400-1411.

- 128 Schoemann J. Childhood pseudotumor cerebri: clinical and intracranial pressure response to acetazolamide and furosemide treatment in a case series. *J Child Neurol* 1994; 9(2): 130-134.
- 129 Schroeder H, Oertel J, Gaab M. Complications of endoscopic third ventriculostomy. *J Neurosurg* 2002; 96: 1032-1040.
- 130 Schulze Raestrup U, Smektala R. Are There Relevant Minimum Procedure Volumes in Trauma and Orthopedic Surgery? *Zentralbl Chir* 2006; 131: 483-492.
- 131 Sciubba D, Stuart R, Mc Girt M, Woodworth G, Samdani A, Carson B, Jallo G. Effect of antibiotic-impregnated shunt catheters in decreasing the incidence of shunt infection in the treatment of hydrocephalus. *J Neurosurg (Pediatrics)* 2005; 103: 131-136.
- 132 Serlo W, Heikinen E, Sakkonen A, v. Wendt L. Classification and management of the slit ventricle syndrome. *Childs Nerv Syst* 1985; 1: 194-199.
- 133 Shinnar S, Gammon K, Bergmann E, Epstein M, Freeman J. Management of hydrocephalus in infancy: use of acetazolamide and furosemide to avoid cerebrospinal fluid shunts. *J Pediatr* 1985; 107: 31-37.
- 134 Steinbok P, Boyd M, Flodmark C, Cochrane D. Radiographic imaging requirements following ventriculoperitoneal shunt procedures. *Pediatr Neurosurg* 1995; 22(3): 141-146.
- 135 Torack R. Historical aspects of normal and abnormal brain fluids. II. Hydrocephalus. *Arch Neurol* 1982b; 39: 276-279.
- 136 Torkildsen A. A new palliative operation in cases of inoperable occlusion of the Sylvian Aqueduct. *Acta Chir Scand* 1939; 82: 177-185.
- 137 Trost H, Sprung C, Lanksch W, Stolke D, Miethke C. Dual-Switch Valve: Clinical Performance of a new Hydrocephalus Valve. *Acta Neurochir* 1998; Suppl 71: 360-363.
- 138 Tuli S, O'Hayon B, Drake J, Clarke M, Kestle J. Change in ventricular size and effect of ventricular catheter placement in pediatric patients with shunted hydrocephalus. *Neurosurgery* 1999; 45(6): 1329-1335.

- 139 Tuli S, Drake J, Lawless J, Wigg M, Math M, Lamberti-Pascual M. Risk factors for repeated cerebrospinal shunt failures in pediatric patients with hydrocephalus. *J Neurosurg* 2000; 92: 31-38.
- 140 Villavicencio A, Leveque J, McGirt M, Fuchs H, George T. Comparison of revision rates following endoscopically versus nonendoscopically placed ventricular shunt catheters. *Surg Neurol* 2003; 59(5): 375-380.
- 141 Wallmann L. Shunting for hydrocephalus: an oral history. *Neurosurgery* 1982; 11: 308-313.
- 142 Warf B. Comparison of endoscopic third ventriculostomy alone and combined with choroid plexus cauterization in infants younger than 1 year of age: a prospective study in 550 African children. *J Neurosurg* 2005; 103(6 Suppl): 475-81.
- 143 Warf B. Hydrocephalus in Uganda: the predominance of infectious origin and primary management with endoscopic third ventriculostomy. *J Neurosurg* 2005; 102(1Suppl): 1-15.
- 144 Welch K, Friedman V. The cerebrospinal fluid valves. *Brain* 1960; 83: 454-469.
- 145 Wenning M, Hupe K, Scheuer I, Senninger N, Smekta R, Windhorst T. Ist viel gleich gut? Eine Analyse von 116.000 Patienten zum Zusammenhang zwischen Fallzahl und Ergebnisqualität. *Der Chirurg* 2000; 71(6): 717-722.
- 146 Wernicke C. *Lehrbuch der Gehirnkrankheiten*. Kassel, Fischer, 1881.
- 147 Winston K, Lopez J, Freeman J. CSF Shunt Failure with Stable Normal Ventricular Size. *Pediatr Neurosurg* 2006; 42: 151-156.
- 148 Wüllenweber R, Käufer C. Ergebnisse der Ventrikulocisternostomie nach Torkildsen. *Acta Neurochir (Wien)* 1960; 9: 39-67.
- 149 Xenos C, Sgouros S, Natarajan K, Walsh A, Hockley A. Influence of shunt type on ventricular volume changes in children with hydrocephalus. *J Neurosurg* 2003; 98(2): 277-283.
- 150 Zemack G, Romner B. Seven Years of clinical experience with the programmable Codman Hakim valve: a retrospective study of 583 patients. *J Neurosurg* 2000; 92: 941-948.

- 151 Zemack G, Bellner J, Siesjö P, Strömbäck L, Romner B. Clinical experience with the use of a shunt with an adjustable valve in children with hydrocephalus. *J Neurosurg* 2003; 98(3): 471-476.