

Author Index Volume 1–30

Advances and Technical Standards in Neurosurgery

- Adamson TE, see Yasargil MG, Vol. 18
- Aebischer P, see Hottinger AF, Vol. 25
- Agnati LF, Zini I, Zoli M, Fuxe K, Merlo Pich E, Grimaldi R, Toffano G, Goldstein M. Regeneration in the central nervous system: Concepts and Facts. Vol. 16
- Alafuzoff I, see Immonen A, Vol. 29
- Alafuzoff I, see Jutila L, Vol. 27
- Ancrì D, see Pertuiset B, Vol. 10
- Ancrì D, see Pertuiset B, Vol. 8
- Ancrì D, see Philippon J, Vol. 1
- Andre MJ, see Resche F, Vol. 20
- Auque J, see Sindou M, Vol. 26
- Axon P. see Macfarlane R, Vol. 28
- Backlund E-O.** Stereotactic radiosurgery in intracranial tumours and vascular malformations. Vol. 6
- Balagura S, see Derome PJ, Vol. 6
- Basset JY, see Pertuiset B, Vol. 10
- Bastide R, see Lazorthes Y, Vol. 18
- Benabid AL, Hoffmann D, Lavalée S, Cinquin P, Demongeot J, Le Bas JF, Danel F. Is there any future for robots in neurosurgery? Vol. 18
- Benabid AL, see Caparros-Lefebvre D, Vol. 25
- Bentivoglio P, see Symon L, Vol. 14
- Berkelbach van der Sprengel JW, Knufman NMJ, van Rijen PC, Luyten PR, den Hollander JA, Tulleken CAF. Proton spectroscopic imaging in cerebral ischaemia: where we stand and what can be expected. Vol. 19
- Besser M, see Owler BK, Vol. 30
- Bitar A, see Fohanno D, Vol. 14
- Blond S, see Caparros-Lefebvre D, Vol. 25
- Boniface S, see Kett-White R, Vol. 27
- Borgesen SE, see Gjerris F, Vol. 19
- Braakman R. Cervical spondylotic myelopathy. Vol. 6
- Bret P, see Lapras C, Vol. 11
- Bricolo A, see Sala F, Vol. 29
- Bricolo A, Turazzi S. Surgery for gliomas and other mass lesions of the brainstem. Vol. 22
- Brihaye J, Ectors P, Lemort M, van Houtte P. The management of spinal epidural metastases. Vol. 16
- Brihaye J, see Klastersky J, Vol. 6
- Brihaye J. Neurosurgical approaches to orbital tumours. Vol. 3
- Brihaye J. see Hildebrand J, Vol. 5
- Bull JWD, see Gawler J, Vol. 2
- Bydder GM. Nuclear magnetic resonance imaging of the central nervous system. Vol. 11
- Caemaert J, see Cosyns P, Vol. 21
- Campiche R, see Zander E, Vol. 1
- Caparros-Lefebvre D, Blond S, N'Guyen JP, Pollak P, Benabid AL. Chronic deep brain stimulation for movement disorders. Vol. 25
- Cappabianca P, see De Divitiis, Vol. 27

- Caron JP, see Debrun G, Vol. 4
- Caspar W, see Loew F, Vol. 5
- Castel JP. Aspects of the medical management in aneurysmal subarachnoid hemorrhage. Vol. 18
- Ceha J, see Cosyns P, Vol. 21
- Chaumier EE, see Loew F, Vol. 11
- Chauvin M, see Pertuiset B, Vol. 10
- Chazal J, see Chirossel JP, Vol. 22
- Chiaretti A, Langer A. Prevention and treatment of postoperative pain with particular reference to children. Vol. 30
- Chirossel JP, see Passagia JG, Vol. 25
- Chirossel JP, Vanneuville G, Passagia JG, Chazal J, Coillard Ch, Favre JJ, Garcier JM, Tonetti J, Guillot M. Biomechanics and classification of traumatic lesions of the spine. Vol. 22
- Choux M, Lena G, Genitori L, Foroutan M. The surgery of occult spinal dysraphism. Vol. 21
- Cinquin P, see Benabid AL, Vol. 18
- Ciricillo SF, Rosenblum ML. AIDS and the Neurosurgeon – an update. Vol. 21
- Cohadon F, see Loiseau H, Vol. 26
- Cohadon F. Brain protection, Vol. 21
- Cohadon F. Indications for surgery in the management of gliomas. Vol. 17
- Coillard Ch, see Chirossel JP, Vol. 22
- Cooper PR, see Lieberman A, Vol. 17
- Cophignon J, see Rey A, Vol. 2
- Costa e Silva IE, see Symon L, Vol. 14
- Cosyns P, Caemaert J, Haaijman W, van Veelen C, Gybels J, van Manen J, Ceha J. Functional stereotactic neurosurgery for psychiatric disorders: an experience in Belgium and The Netherlands. Vol. 21
- Crockard HA, Ransford AO. Surgical techniques in the management of colloid cysts of the third ventricle: stabilization of the spine. Vol. 17
- Cuny E, see Loiseau H, Vol. 26
- Curcic M, see Yasargil MG, Vol. 7
- Czosnyka M, see Kett-White R, Vol. 27
- Danel F, see Benabid AL, Vol. 18
- Dardis R, see Strong AJ, Vol. 30
- Daspit CP, see Lawton MT, Vol. 23
- Daumas-Duport C. Histoprognosis of gliomas. Vol. 21
- de Divitiis E, Cappabianca P. Endoscopic endonasal transsphenoidal surgery. Vol. 27
- de Divitiis E, Spaziante R, Stella L. Empty sella and benign intrasellar cysts. Vol. 8
- de Kersaint-Gilly A, see Resche F, Vol. 20
- de Seze M, see Vignes JR, Vol. 30
- de Tribolet N, see Porchet F, Vol. 23
- de Tribolet N, see Sawamura Y, Vol. 17
- de Tribolet N, see Sawamura Y, Vol. 25
- de Tribolet N, see Sawamura Y, Vol. 27
- Debrun G, Lacour P, Caron JP. Balloon arterial catheter techniques in the treatment of arterial intracranial diseases. Vol. 4
- Delalande O, see Villemure J-G, Vol. 26
- Delsanti C, see Pellet W, Vol. 28
- Demongeot J, see Benabid AL, Vol. 18
- den Hollander JA, see Berkelbach van der Sprenkel JW, Vol. 19
- Derlon JM. The in vivo metabolic investigation of brain gliomas with positron emission tomography. Vol. 24
- Derome P, see Guiot, Vol. 3
- Derome PJ, Guiot G in co-operation with Georges B, Porta M, Visot A, Balagura S. Surgical approaches to

- the sphenoidal and clival areas.
Vol. 6
- Deruty R, see Lapras C, Vol. 11
- Detwiler PW, Porter RW, Han PP,
Karahalios DG, Masferrer R,
Sonntag VKH. Surgical treatment
of lumbar spondylolisthesis. Vol.
26
- Diaz FG, see Zamorano L, Vol. 24
- Dietz, H. Organisation of the primary
transportation of head injuries and
other emergencies in the Federal
Republic of Germany. Vol. 18
- Dobremez E, see Vignes JR, Vol. 30
- Dolenc VV. Hypothalamic gliomas,
Vol. 25
- Drake CG, see Peerless SJ, Vol. 15
- du Boulay G, see Gawler J, Vol. 2
- Ebeling U, Reulen H-J. Space-
occupying lesions of the sensori-
motor region. Vol. 22
- Ectors P, see Brihaye J, Vol. 16
- Editorial Board. Controversial views
of Editorial Board on the
intraoperative management of
ruptured saccular aneurysms. Vol.
14
- Editorial Board. Controversial views
of the Editorial Board regarding
the management on non-traumatic
intracerebral haematomas. Vol. 15
- Epstein F. Spinal cord astrocytomas of
childhood. Vol. 13
- Fahlbusch R, see Nimsky C, Vol. 29
- Fankhauser H, see Porchet F, Vol. 23
- Faulhauer K. The overdrained
hydrocephalus: Clinical
manifestations and management.
Vol. 9
- Favre JJ, see Chirossel JP, Vol. 22
- Favre JJ, see Passagia JG, Vol. 25
- Fisch U, see Kumar A, Vol. 10
- Fisch U. Management of
intra-temporal facial palsy. Vol. 7
- Fohanno D, Bitar A. Sphenoidal ridge
meningioma. Vol. 14
- Fohanno D, see Pertuiset B, Vol. 5
- Foroutan M, see Choux M, Vol. 21
- Fox JP, see Yasargil MG, Vol. 2
- Frackowiak RSJ, see Wise RJS, Vol.
10
- Fries G, Perneckzy A. Intracranial
endoscopy. Vol. 25
- Fuxe K, see Agnati LF, Vol. 16
- Ganslandt O, see Nimsky C, Vol. 29
- Garcier JM, see Chirossel JP, Vol. 22
- Gardeur D, see Pertuiset B, Vol. 10
- Gasser JC, see Yasargil MG, Vol. 4
- Gawler J, Bull JWD, du Boulay G,
Marshall J. Computerised axial
tomography with the EMI-scanner.
Vol. 2
- Genitori L, see Choux M, Vol. 21
- Gentili F, Schwartz M, TerBrugge K,
Wallace MC, Willinsky R, Young
C. A multidisciplinary approach to
the treatment of brain vascular
malformations. Vol. 19
- George B. Extracranial vertebral
artery anatomy and surgery. Vol.
27
- Georges B, see Derome PJ, Vol. 6
- Gjerris F, Borgesen SE. Current
concepts of measurement of
cerebrospinal fluid absorption and
biomechanics of hydrocephalus.
Vol. 19
- Go KG. The normal and pathological
physiology of brain water. Vol. 23
- Goldstein M, see Agnati LF, Vol. 16
- Goutelle A, see Sindou M, Vol. 10
- Griebel RW, see Hoffman HJ, Vol. 14
- Griffith HB. Endoneurosurgery:
Endoscopic intracranial surgery.
Vol. 14
- Grimaldi R, see Agnati LF, Vol. 16
- Gros C. Spasticity-clinical
classification and surgical
treatment. Vol. 6

- Guenot M, Isnard J, Sindou M. Surgical anatomy of the insula. Vol. 29
- Guenot M, see Sindou M, Vol. 28
- Guerin J, see Vignes JR, Vol. 30
- Guglielmi, G. The interventional neuroradiological treatment of intracranial aneurysms. Vol. 24
- Guidetti B, Spallone A. Benign extramedullary tumours of the foramen magnum. Vol. 16
- Guidetti B. Removal of extramedullary benign spinal cord tumors. Vol. 1
- Guillot M, see Chirossel JP, Vol. 22
- Guilly M, see Pertuiset B, Vol. 10
- Guimaraes-Ferreira J, Miguéns J, Lauritzen C. Advances in craniostylosis research and management. Vol. 29
- Guiot G, Derome P. Surgical problems of pituitary adenomas. Vol. 3
- Guiot G, see Derome PJ, Vol. 6
- Gullotta F. Morphological and biological basis for the classification of brain tumors. With a comment on the WHO-classification 1979. Vol. 8
- Gur D, see Yonas H, Vol. 15
- Gybels J, see Cosyns P, Vol. 21
- Gybels J, van Roost D. Spinal cord stimulation for spasticity. Vol. 15
- Haaijman W, see Cosyns P, Vol. 21
- Halmagyi GM, see Owler BK, Vol. 30
- Han PP, see Detwiler PW, Vol. 26
- Hankinson J. The surgical treatment of syringomyelia. Vol. 5
- Harding AE. Clinical and molecular neurogenetics in neurosurgery. Vol. 20
- Harris P, Jackson IT, McGregor JC. Reconstructive surgery of the head. Vol. 8
- Hendrick EB, see Hoffman HJ, Vol. 14
- Higgins JN, see Owler BK, Vol. 30
- Hildebrand J, Brihaye J. Chemotherapy of brain tumours. Vol. 5
- Hirsch J-F, Hoppe-Hirsch E. Medulloblastoma. Vol. 20
- Hirsch J-F, Hoppe-Hirsch E. Shunts and shunt problems in childhood. Vol. 16
- Hoffman HJ, Griebel RW, Hendrick EB. Congenital spinal cord tumors in children. Vol. 14
- Hoffmann D, see Benabid AL, Vol. 18
- Hood T, see Siegfried J, Vol. 10
- Hoppe-Hirsch E, see Hirsch J-F, Vol. 16
- Hoppe-Hirsch E, see Hirsch J-F, Vol. 20
- Hottinger AF, Aebischer P. Treatment of diseases of the central nervous system using encapsulated cells. Vol. 25
- Houtteville JP. The surgery of cavernomas both supra-tentorial and infra-tentorial. Vol. 22
- Huber G, Piegras U. Update and trends in venous (VDSA) and arterial (ADSA) digital subtraction angiography in neuroradiology. Vol. 11
- Hummel Th, see Landis BN, Vol. 30
- Hurskainen H, see Immonen A, Vol. 29
- Hutchinson PJ, see Kett-White R, Vol. 27
- Iannotti F. Functional imaging of blood brain barrier permeability by single photon emission computerised tomography and Positron Emission Tomography. Vol. 19
- Immonen A, Jutila L, Kalviainen R, Mervaala E, Partanen K, Partanen J, Vanninen R, Ylinen A, Alafuzoff

- I, Paljarvi L, Hurskainen H, Rinne J, Puranen M, Vapalahti M. Preoperative clinical evaluation, outline of surgical technique and outcome in temporal lobe epilepsy. Vol. 29
- Immonen A, see Jutila L, Vol. 27
- Ingvar DH, see Lassen NA, Vol. 4
- Isamat F. Tumours of the posterior part of the third ventricle: Neurosurgical criteria. Vol. 6
- Isnard J, see Guenot M, Vol. 29
- Jackson IT, see Harris P, Vol. 8
- Jaksche H, see Loew F, Vol. 11
- Jennett B, Pickard J. Economic aspects of neurosurgery. Vol. 19
- Jewkes D. Neuroanaesthesia: the present position. Vol. 15
- Jiang Z, see Zamorano L, Vol. 24
- Johnston IH, see Owler BK, Vol. 30
- Joseph PA, see Vignes JR, Vol. 30
- Jutila L, Immonen A, Partanen K, Partanen J, Mervalla E, Ylinen A, Alafuzoff I, Paljarvi L, Karkola K, Vapalahti M, Pitanen A. Neurobiology of epileptogenesis in the temporal lobe. Vol. 27
- Jutila L, see Immonen A, Vol. 29
- Kahan-Coppens L, see Klastersky J, Vol. 6
- Kalviainen R, see Immonen A, Vol. 29
- Karahalios DG, see Detwiler PW, Vol. 26
- Karkola K, see Jutila L, Vol. 27
- Kelly PJ. Surgical planning and computer-assisted resection of intracranial lesions: Methods and results. Vol. 17
- Kett-White R, Hutchinson PJ, Czosnyka M, Boniface S, Pickard JD, Kirkpatrick PJ. Multi-modal monitoring of acute brain injury. Vol. 27
- Kirkpatrick PJ, see Kett-White R, Vol. 27
- Kjällquist Å, see Lundberg N, Vol. 1
- Klastersky J, Kahan-Coppens L, Brihaye J. Infection in neurosurgery. Vol. 6
- Knufman NMJ, see Berkelbach van der Sprenkel JW, Vol. 19
- Konovalov AN. Operative management of craniopharyngiomas. Vol. 8
- Kovacs K, see Thapar K, Vol. 22
- Kullberg G, see Lundberg N, Vol. 1
- Kumar A, Fisch U. The infratemporal fossa approach for lesions of the skull base. Vol. 10
- Lacour P, see Debrun G, Vol. 4
- Lacroix J-S, see Landis BN, Vol. 30
- Landis BN, Hummel Th, Lacroix J-S. Basic and clinical aspects of olfaction. Vol. 30
- Landolt AM, Strebel P. Technique of transsphenoidal operation for pituitary adenomas. Vol. 7
- Landolt AM. Progress in pituitary adenoma biology. Results of research and clinical applications. Vol. 5
- Langer A, see Chiaretti A, Vol. 30
- Lanteri P, see Sala F, Vol. 29
- Lantos PL, see Pilkington GJ, Vol. 21
- Lapras C, Deruty R, Bret P. Tumours of the lateral ventricles. Vol. 11
- Lassen NA, Ingvar DH. Clinical relevance of cerebral blood flow measurements. Vol. 4
- Latchaw R, see Yonas H, Vol. 15
- Lauritzen C, see Guimaraes-Ferreira J, Vol. 29
- Lavallee S, see Benabid AL, Vol. 18
- Laws ER, see Thapar K, Vol. 22
- Lawton MT, Dasptit CP, Spetzler RF. Presigmoid approaches to skull base lesions. Vol. 23

- Lazorthes Y, Sallerin-Caute B, Verdier JC, Bastide R. Advances in drug delivery systems and applications in neurosurgery. Vol. 18
- Le Bas JF, see Benabid AL, Vol. 18
- Lemort M, see Brihaye J, Vol. 16
- Lena G, see Choux M, Vol. 21
- Lenzi GL, see Wise RJS, Vol. 10
- Lieberman A, Cooper PR, Ransohoff J. Adrenal medullary transplants as a treatment for advanced Parkinson's disease. Vol. 17
- Lienhart A, see Pertuiset B, Vol. 8
- Lindegaard K-F, Sorteberg W, Nornes H. Transcranial Doppler in neurosurgery. Vol. 20
- Lindquist C, see Steiner L, Vol. 19
- Livraghi S, Melancia JP, Lobo Antunes J. The management of brain abscesses. Vol. 28
- Lobato RD. Post-traumatic brain swelling. Vol. 20
- Lobo Antunes J, see Monteiro Trindade A, Vol. 23
- Lobo Antunes J, see Livraghi S, Vol. 28
- Loew F, Caspar W. Surgical approach to lumbar disc herniations. Vol. 5
- Loew F, Papavero L. The intra-arterial route of drug delivery in the chemotherapy of malignant brain tumours. Vol. 16
- Loew F, Pertuiset B, Chaumier EE, Jaksche H. Traumatic spontaneous and postoperative CSF rhinorrhea. Vol. 11
- Loew F. Management of chronic subdural haematomas and hygromas. Vol. 9
- Logue V. Parasagittal meningiomas. Vol. 2
- Loiseau H, Cuny E, Vital A, Cohadon F. Central nervous system lymphomas. Vol. 26
- Lopes da Silva FH. What is magnetoencephalography and why it is relevant to neurosurgery? Vol. 30
- Lorenz R. Methods of percutaneous spino-thalamic tract section. Vol. 3
- Lumley JSP, see Taylor GW, Vol. 4
- Lundberg N, Kjällquist Å, Kullberg G, Pontén U, Sundbärg G. Non-operative management of intracranial hypertension. Vol. 1
- Luyendijk W. The operative approach to the posterior fossa. Vol. 3
- Luyten PR, see Berkelbach van der Sprenkel JW, Vol. 19
- Lyon-Caen O, see Pertuiset B, Vol. 5
- Macfarlane R, Axon P, Moffat D. Invited commentary: Respective indications for radiosurgery in neuro-otology for acoustic schwannoma by Pellet et al. Vol. 28
- Manegalli-Boggelli D, see Resche F, Vol. 20
- Mansveld Beck HJ, see Streefkerk HJ, Vol. 28
- Mantoura J, see Resche F, Vol. 20
- Marshall J, see Gawler J, Vol. 2
- Masferrer R, see Detwiler PW, Vol. 26
- Matthies C, see Samii M, Vol. 22
- McGregor JC, see Harris P, Vol. 8
- Medele RJ, see Schmid-Elsaesser R, Vol. 26
- Melancia JP, see Livraghi S, Vol. 28
- Merlo Pich E, see Agnati LF, Vol. 16
- Mervaala E, see Immonen A, Vol. 29
- Mervalla E, see Jutila L, Vol. 27
- Metzger J, see Pertuiset B, Vol. 10
- Michel CM, see Momjian S, Vol. 28
- Miguéns J, see Guimaraes-Ferreira J, Vol. 29
- Millesi H. Surgical treatment of facial nerve paralysis: Longterm results: Extratemporal surgery of the facial nerve – Palliative surgery. Vol. 7
- Mingrino S. Intracranial surgical repair of the facial nerve. Vol. 7

- Mingrino S. Supratentorial arteriovenous malformations of the brain. Vol. 5
- Moffet D, see Macfarlane R, Vol. 28
- Moisan JP, see Resche F, Vol. 20
- Momjian S, Seghier M, Seeck M, Michel CM. Mapping of the neuronal networks of human cortical brain functions. Vol. 28
- Momma F, see Symon L, Vol. 14
- Monteiro Trindade A, Lobo Antunes J. Anterior approaches to non-traumatic lesions of the thoracic spine. Vol. 23
- Mortara RW, see Yasargil MG, Vol. 7
- Müller U, see von Cramon DY, Vol. 24
- N'Guyen JP, see Caparros-Lefebvre D, Vol. 25
- Nemoto S, see Peerless SJ, Vol. 15
- Nimsky C, Ganslandt O, Fahlbusch R. Functional neuronavigation and intraoperative MRI. Vol. 29
- Nornes H, see Lindegaard K-F, Vol. 20
- Ostenfeld T, see Rosser AE, Vol. 26
- Ostenfeld T, Svendsen CN. Recent advances in stem cell neurobiology. Vol. 28
- Owler BK, Parker G, Halmagyi GM, Johnston IH, Besser M, Pickard JD, Higgins JN. Cranial venous outflow obstruction and pseudotumor cerebri syndrome. Vol. 30
- Paljarvi L, see Immonen A, Vol. 29
- Paljarvi L, see Jutila L, Vol. 27
- Papavero L, see Loew F, Vol. 16
- Parker G, see Owler BK, Vol. 30
- Partanen J, see Immonen A, Vol. 29
- Partanen J, see Jutila L, Vol. 27
- Partanen K, see Immonen A, Vol. 29
- Partanen K, see Jutila L, Vol. 27
- Passagia JG, Chirossel JP, Favre JJ. Surgical approaches of the anterior fossa and preservation of olfaction. Vol. 25
- Passagia JG, see Chirossel JP, Vol. 22
- Pasztor E. Surgical treatment of spondylotic vertebral artery compression. Vol. 8
- Pasztor E. Transoral approach for epidural craniocervical pathological processes. Vol. 12
- Peerless SJ, Nemoto S, Drake CG. Acute surgery for ruptured posterior circulation aneurysms. Vol. 15
- Pellet W, Regis J, Roche P-H, Delsanti C. Respective indications for radiosurgery in neuro-otology for acoustic schwannoma. Vol. 28
- Perneckzy A, see Fries G, Vol. 25
- Perrin-Resche I, see Resche F, Vol. 20
- Pertuiset B, Ancrì D, Lienhart A. Profound arterial hypotension (MAP \leq 50 mm Hg) induced with neuroleptanalgesia and sodium nitroprusside (series of 531 cases). Reference to vascular autoregulation mechanism and surgery of vascular malformations of the brain. Vol. 8
- Pertuiset B, Ancrì D, Sichez JP, Chauvin M, Guilly M, Metzger J, Gardeur D, Basset JY. Radical surgery in cerebral AVM – Tactical procedures based upon hemodynamic factors. Vol. 10
- Pertuiset B, Fohanno D, Lyon-Caen O. Recurrent instability of the cervical spine with neurological implications – treatment by anterior spinal fusion. Vol. 5
- Pertuiset B, see Loew F, Vol. 11
- Pertuiset B. Supratentorial craniotomy. Vol. 1
- Philippon J, Ancrì D. Chronic adult hydrocephalus. Vol. 1

- Pickard J, see Jennett B, Vol. 19
 Pickard JD, see Kett-White R, Vol. 27
 Pickard JD, see Sussman JD, Vol. 24
 Pickard JD, see Walker V, Vol. 12
 Pickard JD, see Owler BK, Vol. 30
 Piegras U, see Huber G, Vol. 11
 Pilkington GJ, Lantos PL. Biological markers for tumours of the brain. Vol. 21
 Pitanen A, see Jutila L, Vol. 27
 Poca MA, see Sahuquillo J, Vol. 27
 Polkey CE. Multiple subpial transection. Vol. 26
 Pollak P, see Caparros-Lefebvre D, Vol. 25
 Pontén U, see Lundberg N, Vol. 1
 Porchet F, Fankhauser H, de Tribolet N. The far lateral approach to lumbar disc herniations. Vol. 23
 Porta M, see Derome PJ, Vol. 6
 Porter RW, see Detwiler PW, Vol. 26
 Powiertowski H. Surgery of craniostenosis in advanced cases. A method of extensive subperiosteal resection of the vault and base of the skull followed by bone regeneration. Vol. 1
 Puranen M, see Immonen A, Vol. 29

 Ransford AO, see Crockard HA, Vol. 17
 Ransohoff J, see Lieberman A, Vol. 17
 Ray MW, see Yasargil MG, Vol. 2
 Regis J, see Pellet W, Vol. 28
 Rehnrcrona S. A critical review of the current status and possible developments in brain transplantation. Vol. 23
 Resche F, Moisan JP, Mantoura J, de Kersaint-Gilly A, Andre MJ, Perrin-Resche I, Menegalli-Boggelli D, Richard Y. Lajat. Haemangioblastoma, haemangioblastomatosis and von Hippel-Lindau disease. Vol. 20
 Rétif J. Intrathecal injection of neurolytic solution for the relief of intractable pain. Vol. 4
 Reulen H-J, see Ebeling U, Vol. 22
 Rey A, Cophignon J, Thurel C, Thiebaut JB. Treatment of traumatic cavernous fistulas. Vol. 2
 Richard Y. Lajat, see Resche F, Vol. 20
 Rinne J, see Immonen A, Vol. 29
 Roche P-H, see Pellet W, Vol. 28
 Romodanov AP, Shcheglov VI. Intravascular occlusion of saccular aneurysms of the cerebral arteries by means of a detachable balloon catheter. Vol. 9
 Rosenblum ML, see Ciricillo SF, Vol. 21
 Rosser AE, Ostenfeld T, Svendsen CN. Invited commentary: Treatment of diseases of the central nervous system using encapsulated cells, by AF Hottinger and P Aebischer. Vol. 25
 Roth P, see Yasargil MG, Vol. 12
 Roth P, see Yasargil MG, Vol. 18

 Sahuquillo J, Poca MA. Diffuse axonal injury after head trauma. A review. Vol. 27
 Sala F, Lanteri P, Bricolo A. Motor evoked potential monitoring for spinal cord and brain stem surgery. Vol. 29
 Sallerin-Caute B, see Lazorthes Y, Vol. 18
 Samii M, Matthies C. Hearing preservation in acoustic tumour surgery. Vol. 22
 Samii M. Modern aspects of peripheral and cranial nerve surgery. Vol. 2
 Sarkies N, see Sussman JD, Vol. 24
 Sawamura Y, de Tribolet N. Immunobiology of brain tumours. Vol. 17

- Sawamura Y, de Tribolet N. Neurosurgical management of pineal tumours. Vol. 27
- Sawamura Y, Shirato H, de Tribolet N. Recent advances in the treatment of the central nervous system germ cell tumors. Vol. 25
- Schmid-Elsaesser R, Medele RJ, Steiger H-J. Reconstructive surgery of the extracranial arteries. Vol. 26
- Schwartz M, see Gentili F, Vol. 19
- Schwerdtfeger K, see Symon L, Vol. 14
- Seck M, see Momjian S, Vol. 28
- Seghier M, see Momjian S, Vol. 28
- Shcheglov VI, see Romodanov AP, Vol. 9
- Shirato H, see Sawamura Y, Vol. 25
- Sichez JP, see Pertuiset B, Vol. 10
- Siegfried J, Hood T. Current status of functional neurosurgery. Vol. 10
- Siegfried J, Vosmansky M. Technique of the controlled thermocoagulation of trigeminal ganglion and spinal roots. Vol. 2
- Sindou M, Auque J. The intracranial venous system as a neurosurgeon's perspective. Vol. 26
- Sindou M, Goutelle A. Surgical posterior rhizotomies for the treatment of pain. Vol. 10
- Sindou M, Guenot M. Surgical anatomy of the temporal lobe for epilepsy surgery. Vol. 28
- Sindou M, see Guenot M, Vol. 29
- Smith RD, see Yasargil MG, Vol. 4
- Sonntag VKH, see Detwiler PW, Vol. 26
- Storberg W, see Lindegaard K-F, Vol. 20
- Spallone A, see Guidetti B, Vol. 16
- Spaziante R, see de Divitiis E, Vol. 8
- Spetzler RF, see Lawton MT, Vol. 23
- Spieß H. Advances in computerized tomography. Vol. 9
- Steiger H-J, see Schmid-Elsaesser R, Vol. 26
- Steiner L, Lindquist C, Steiner M. Radiosurgery. Vol. 19
- Steiner M, see Steiner L, Vol. 19
- Stella L, see de Divitiis E, Vol. 8
- Strebel P, see Landolt AM, Vol. 7
- Streefkerk HJN, van der Zwan A, Verdaasdonk RM, Mansveld Beck HJ, Tulleken CAF. Cerebral revascularization. Vol. 28
- Strong AJ, Dardis R. Depolarisation phenomena in traumatic and ischaemic brain injury. Vol. 30
- Sundbärg G, see Lundberg N, Vol. 1
- Sussman JD, Sarkies N, Pickard JD. Benign intracranial hypertension. Vol. 24
- Svendsen CN, see Rosser AE, Vol. 26
- Svendsen CN, see Ostefeld T, Vol. 28
- Symon L, Momma F, Schwerdtfeger K, Bentivoglio P, Costa e Silva IE, Wang A. Evoked potential monitoring in neurosurgical practice. Vol. 14
- Symon L, see Yasargil MG, Vol. 11
- Symon L. Olfactory groove and suprasellar meningiomas. Vol. 4
- Symon L. Surgical approaches to the tentorial hiatus. Vol. 9
- Taylor GW, Lumley JSP. Extracranial surgery for cerebrovascular disease. Vol. 4
- Teddy PJ, see Yasargil MG, Vol. 11
- Teddy PJ, see Yasargil MG, Vol. 12
- TerBrugge K, see Gentili F, Vol. 19
- Tew JM, Jr, Tobler WD. Present status of lasers in neurosurgery. Vol. 13
- Thapar K, Kovacs K, Laws ER. The classification and molecular biology of pituitary adenomas. Vol. 22
- Thiebaut JB, see Rey A, Vol. 2

- Thomas DGT. Dorsal root entry zone (DREZ) thermocoagulation. Vol. 15
- Thurel C, see Rey A, Vol. 2
- Tobler WD, see Tew JM, Jr, Vol. 13
- Toffano G, see Agnati LF, Vol. 16
- Tonetti J, see Chirossel JP, Vol. 22
- Tranmer BI, see Yasargil MG, Vol. 18
- Troupp H. The management of intracranial arterial aneurysms in the acute stage. Vol. 3
- Tulleken CAF, see Berkelbach van der Sprenkel JW, Vol. 19
- Tulleken CAF, see Streefkerk HJ, Vol. 28
- Turazzi S, see Bricolo A, Vol. 22
- Uttley D. Transfacial approaches to the skull base. Vol. 23
- Valatx J-L. Disorders of consciousness: Anatomical and physiological mechanisms. Vol. 29
- Valavanis A, Yasargil MG. The endovascular treatment of brain arteriovenous malformations. Vol. 24
- van der Zwan A, see Streefkerk HJ, Vol. 28
- van Houtte P, see Brihaye J, Vol. 16
- van Manen, see Cosyns P, Vol. 21
- van Rijen PC, see Berkelbach van der Sprenkel JW, Vol. 19
- van Roost D, see Gybels J, Vol. 15
- van Veelen C, see Cosyns P, Vol. 21
- Vanneuville G, see Chirossel JP, Vol. 22
- Vanninen R, see Immonen A, Vol. 29
- Vapalahti M, see Immonen A, Vol. 29
- Vapalahti M, see Jutila L, Vol. 27
- Verdaasdonk RM, see Streefkerk HJ, Vol. 28
- Verdie JC, see Lazorthes Y, Vol. 18
- Vernet O, see Villemure J-G, Vol. 26
- Vignes JR, de Seze M, Dobremez E, Joseph PA, Guerin J. Sacral neuromodulation in lower urinary tract dysfunction. Vol. 30
- Villemure J-G, Vernet O, Delalande O. Hemispheric disconnection: Callosotomy and hemispherotomy
- Vinas FC, see Zamorano L, Vol. 24
- Visot A, see Derome PJ, Vol. 6
- Vital A, see Loiseau H, Vol. 26
- von Cramon DY, Müller U. The septal region and memory. Vol. 24
- von Werder K. The biological role of hypothalamic hypophysiotropic neuropeptides. Vol. 14
- Vosmanský M, see Siegfried J, Vol. 2
- Walker V, Pickard JD. Prostaglandins, thromboxane, leukotrienes and the cerebral circulation in health and disease. Vol. 12
- Wallace MC, see Gentili F, Vol. 19
- Wang A, see Symon L, Vol. 14
- Wieser HG. Selective amygdalohippocampectomy: Indications, investigative technique and results. Vol. 13
- Williams B. Subdural empyema. Vol. 9
- Williams B. Surgery for hindbrain related syringomyelia. Vol. 20
- Willinsky R, see Gentili F, Vol. 19
- Wise RJS, Lenzi GL, Frackowiak RSJ. Applications of Positron Emission Tomography to neurosurgery. Vol. 10
- Wolfson SK, Jr, see Yonas H, Vol. 15
- Woolf CJ. Physiological, inflammatory and neuropathic pain. Vol. 15
- Yasargil MG, Fox JP, Ray MW. The operative approach to aneurysms of the anterior communicating artery. Vol. 2
- Yasargil MG, Mortara RW, Curcic M. Meningiomas of basal posterior cranial fossa. Vol. 7
- Yasargil MG, see Valavanis A, Vol. 24

- Yasargil MG, see Yonekawa Y, Vol. 3
- Yasargil MG, Smith RD, Gasser JC.
Microsurgical approach to acoustic
neurinomas. Vol. 4
- Yasargil MG, Symon L, Teddy PJ.
Arteriovenous malformations of
the spinal cord. Vol. 11
- Yasargil MG, Teddy PJ, Roth P.
Selective
amygdalohippocampectomy:
Operative anatomy and surgical
technique. Vol. 12
- Yasargil MG, Tranmer BI, Adamson
TE, Roth P. Unilateral partial
hemilaminectomy for the removal
of extra- and intramedullary
tumours and AVMs. Vol. 18
- Ylinen A, see Immonen A, Vol. 29
- Ylinen A, see Jutila L, Vol. 27
- Yonas H, Gur D, Latchaw R, Wolfson
SK, Jr. Stable xenon CI/CBF
imaging: Laboratory and clinical
experience. Vol. 15
- Yonekawa Y, Yasargil MG. Extra-
Intracranial arterial anastomosis:
Clinical and technical aspects.
Results. Vol. 3
- Young C, see Gentili F, Vol. 19
- Zamorano L, Vinas FC, Jiang Z, Diaz
FG. Use of surgical wands in
neurosurgery. Vol. 24
- Zander E, Campiche R. Extra-dural
hematoma. Vol. 1
- Zini I, see Agnati LF, Vol. 16
- Zoli M, see Agnati LF, Vol. 16

Subject Index Vol. 1–30

Advances and Technical Standards in Neurosurgery

- Abscess**
brain, 2002, Vol. 28
- Acoustic schwannoma**
hearing preservation, 1995, Vol. 22
microsurgery, 1977, Vol. 4; 2002,
Vol. 28
radiosurgery, 2002, Vol. 28
- AIDS**
neurosurgery, 1994, Vol. 21
- Amygdalohippocampectomy**
indications, investigations and
results, 1986, Vol. 13
operative anatomy and surgical
technique, 1985, Vol. 12
- Anatomy**
insula, 2003, Vol. 29
- Aneurysms**
acute stage, 1976, Vol. 3
acute surgery for ruptured posterior
circulation, 1987, Vol. 15
anterior communicating artery,
1975, Vol. 2
balloons, 1982, Vol. 9
controversies in their intraoperative
management, 1986, Vol. 14
interventional neuroradiology,
1982, Vol. 9; 1998, Vol. 24
- Anterior fossa**
preservation of olfaction, 1999,
Vol. 25
- Arteriovenous malformation, 1979,**
Vol. 6
endovascular approaches, 1998,
Vol. 24
multidisciplinary approach to
management, 1992, Vol. 19
radical surgery, 1983, Vol. 10
spinal cord, 1984, Vol. 11
supratentorial, 1978, Vol. 5
- Benign intracranial hypertension, 1998,**
Vol. 24; 2004, Vol. 30
- Blood brain barrier**
permeability, 1992, Vol. 19
single photon emission
computerised tomography and
positron emission tomography,
1992, Vol. 19
- Brain protection, 1994, Vol. 21; 2004,**
Vol. 30
- Brain swelling**
brain water, 1997, Vol. 23
post traumatic, 1993, Vol. 20
- Brain tumours**
biological markers, 1994, Vol. 21
brain stem glioma, 1995, Vol. 22
- Central Nervous System**
lymphomas, 2000, Vol. 26
chemotherapy, 1978, Vol. 5
germ cell, 1999, Vol. 25
gliomas, 1990, Vol. 17; 1994, Vol.
21; 1998, Vol. 24
haemangioblastoma, 1993, Vol. 20
histological prognosis, 1994, Vol.
21
hypothalamic glioma, 1999, Vol. 25
immunobiology, 1990, Vol. 17
indications for surgery, 1990, Vol.
17
medulloblastoma, 1993, Vol. 20
pineal: neurosurgical management,
2001, Vol. 27

- Brain tumours (cont.)
 Positron Emission Tomography, 1998, Vol. 24
 von Hippel-Lindau disease, 1993, Vol. 20
 WHO classification, 1981, Vol. 8
- Brain water
 normal and pathological physiology, 1997, Vol. 23
- Cavernomas, 1995, Vol. 22
- Cavernous fistulae
 traumatic, 1975, Vol. 2
- Cerebral angiography
 digital subtraction, 1984, Vol. 11
- Cerebral blood flow
 measurements, 1977, Vol. 4
 stable Xenon technique, 1987, Vol. 15
- Cerebral ischaemia, 2004, Vol. 30*
- Cerebral revascularisation, 2002, Vol. 28
- Cerebral venous system, 2000, Vol. 26; 2004, Vol. 30
- Cerebrovascular autoregulation
 profound arterial hypotension, 1981, Vol. 8
- Cerebrovascular disease
 balloon occlusion, 1977, Vol. 4
 extracranial arteries, 2000, Vol. 26
 extracranial surgery, 1977, Vol. 4
 extracranial vertebral artery anatomy and surgery, 2001, Vol. 27
- Cervical spine
 anterior spinal fusion, 1978, Vol. 5
 instability, 1978, Vol. 5
- Cervical spondylosis
 myelopathy, 1979, Vol. 6
- Clivus
 surgical approach, 1979, Vol. 6
- Consciousness
 coma, 2003, Vol. 29
 neuropharmacology, 2003, Vol. 29
- Cranial nerves
 surgery, 1975, Vol. 2
- Craniopharyngioma
 operative management, 1981, Vol. 8
- Craniostenosis, 1974, Vol. 1
- Craniosynostosis, 2003, Vol. 29
- Craniotomy
 supratentorial, 1974, Vol. 1
- CSF rhinorrhea, 1984, Vol. 11
- CT Scanning, 1975, Vol. 2; 1982, Vol. 9
- Drug delivery
 advances, 1991, Vol. 18
 intra-arterial administration of chemotherapy, 1988, Vol. 16
- Endoscopy
 endonasal transsphenoidal surgery, 2001, Vol. 27
 in neurosurgery, 1986, Vol. 14
 intracranial, 1999, Vol. 25
- Epilepsy
 hemispheric disconnection: callosotomy and hemispherotomy, 2000, Vol. 26
 multiple subpial transection, 2000, Vol. 26
 neurobiology of epileptogenesis, 2001, Vol. 27
 outcome, 2003, Vol. 29
 preoperative evaluation, 2003, Vol. 29
 surgery, 2003, Vol. 29
 surgical anatomy of the temporal lobe, 2002, Vol. 28
 temporal lobe epilepsy, 2003, Vol. 29
- Evoked potentials
 monitoring in neurosurgical practice, 1986, Vol. 14
- Extradural haematoma, 1974, Vol. 1
- Extra-intracranial arterial anastomosis, 1976, Vol. 3; 2002, Vol. 28
- Facial nerve paralysis
 extra-temporal, 1980, Vol. 7

- intracranial repair, 1980, Vol. 7
 infratemporal, 1980, Vol. 7
 surgical treatment, 1980, Vol. 7,
- Foramen Magnum
 benign extramedullary tumours,
 1988, Vol. 16
- Frameless stereotactic surgery
 neuronavigation, 2003, Vol. 29
 surgical wands, 1998, Vol. 24
- Functional neurosurgery, 1983, Vol. 10
 chronic deep brain stimulation,
 1999, Vol. 25
 functional neuronavigation, 2003,
 Vol. 29
 mapping of human cortical
 function 2002, Vol. 28
 movement disorders, 1999, Vol. 25
sacral neuromodulation, 2004, Vol.
30
 psychiatric disorders, 1994, Vol. 21
- Head injury
 diffuse external injury, 2001, Vol.
 27
 multi-modal monitoring, 2001, Vol.
 27
 transport, 1991, Vol. 18
depolarisation phenomena, 2004,
Vol. 30
- Health economics of neurosurgery,
 1992, Vol. 19
- Hydrocephalus
 adult, 1974, Vol. 1
 measurement of CSF absorption,
 1992, Vol. 19
 over drainage, 1982, Vol. 9
 shunts and shunt problems in
 childhood, 1988, Vol. 16
- Hypothalamus
 neuropeptides, 1986, Vol. 14
- Infection
 brain abscess, 2002, Vol. 28
 neurosurgery, 1979, Vol. 6
 subdural empyema, 1982, Vol. 9
- Intracranial pressure, 1974, Vol. 1
- Insula
 surgical anatomy, 2003, Vol. 29
- Lasers in neurosurgery, 1986, Vol. 13
- Lateral ventricles
 tumours, 1984, Vol. 11
- Lumbar spine
 far lateral approach, 1997, Vol. 23
 prolapsed lumbar intravertebral
 disc, operative approach, 1978,
 Vol. 5
 prolapsed lumbar intravertebral
 disc, 1997, Vol. 23
 spondylolisthesis: surgical
 treatment, 2000, Vol. 26
- Magnetic resonance imaging, 1984,
 Vol. 11
 intraoperative, 2003, Vol. 29
 proton spectroscopy, 1992, Vol. 19
Magnetoencephalography, 2004, Vol.
30
- Memory
 septal region, 1998, Vol. 24
- Meningiomas
 olfactory groove and suprasellar,
 1977, Vol. 4
 parasagittal, 1975, Vol. 2
 posterior fossa, 1980, Vol. 7
 sphenoidal ridge, 1986, Vol. 14
- Monitoring
 brain stem surgery, 2003, Vol. 29
magnetoencephalography, 2004,
Vol. 30
 motor evoked potentials, 2003, Vol.
 29
 spinal cord surgery, 2003, Vol. 29
- Neuroanaesthesia, 1987, Vol. 15
- Neurogenetics in neurosurgery, 1993,
 Vol. 20
- Neuronavigation, 2003, Vol. 29
- Olfaction, 2004, Vol. 30*
- Orbital tumours
 operative approaches, 1976, Vol. 3

- Paediatric neurosurgery*
postoperative pain, 2004, Vol. 30
- Pain**
 intrathecal neurolysis, 1977, Vol. 4
 physiological, inflammatory and neuropathic, 1987, Vol. 15
postoperative, 2004, Vol. 30
 surgical posterior Rhizotomy, 1983, Vol. 10
- Peripheral nerves**
 surgery, 1975, Vol. 2
- Pituitary adenomas**
 biology, 1978, Vol. 5
 classification and molecular biology, 1995, Vol. 22
 endoscopic endonasal transsphenoidal approaches, 2001, Vol. 27
 surgery, 1976, Vol. 3
 transphenoidal approach, 1980, Vol. 7
- Positron Emission Tomography, 1983, Vol. 10; 1992, Vol. 19**
 blood brain barrier permeability, 1992, Vol. 19
 in vivo metabolism of brain gliomas, 1998, Vol. 24
- Posterior fossa**
 operative approach, 1976, Vol. 3
- Prostaglandins**
 cerebral circulation, 1985, Vol. 12
- Pseudotumor cerebri, 1998, Vol. 24; 2004, Vol. 30**
- Radiosurgery, 1992, Vol. 19**
 acoustic schwannoma, 2002, Vol. 28
 intracranial tumours, 1979, Vol. 6
- Regeneration in the CNS, 1988, Vol. 16**
- Robots in neurosurgery, 1991, Vol. 18**
- Sella**
 benign intrasellar cyst, 1981, Vol. 8
 empty, 1981, Vol. 8
- Sensori-motor region**
 space-occupying lesions, 1995, Vol. 22
- Skull base**
 infratemporal fossa approach, 1983, Vol. 10
 transfacial approaches, 1997, Vol. 23
 presigmoid approaches, 1997, Vol. 23
- Spasticity**
 clinical classification, 1979, Vol. 6
 spinal cord stimulation, 1987, Vol. 15
 surgical treatment, 1979, Vol. 6
- Sphenoid**
 surgical approach, 1979, Vol. 6
- Spinal cord**
 extra-medullary, benign, 1974, Vol. 1
- Spinal cord tumours**
 astrocytomas of childhood, 1986, Vol. 13
 congenital in children, 1986, Vol. 14
 extra- and intramedullary tumours and arteriovenous malformations, 1991, Vol. 18
 unilateral partial hemilaminectomy, 1991, Vol. 18
- Spinal dysraphism**
 surgery of occult, 1994, Vol. 21
- Spinal epidural metastases**
 management, 1988, Vol. 16
- Spinal stabilization, 1990, Vol. 17**
- Spinal trauma**
 biomechanics and classification, 1995, Vol. 22
- Spino-thalamic tract**
 subcutaneous section, 1976, Vol. 3
- Spontaneous intracranial haemorrhage**
 controversies over management, 1987, Vol. 15
- Spreading depression**
 cerebral blood flow, 2003, Vol. 29
 cerebral ischaemia, 2003, Vol. 29
 head injury, 2003, Vol. 29

- Stem cells
 neurobiology 2002, Vol. 28
- Stereotactic imaging, 1990, Vol. 17
- Subarachnoid haemorrhage (see also
 aneurysms and AVM)
 medical management, 1991,
 Vol. 18
- Subdural haematomas and hygromas
 chronic, 1982, Vol. 9
- Syringomyelia
 hindbrain related, 1993, Vol. 20
 operative approaches, 1978, Vol. 5
 surgical approach, 1993, Vol. 20
- Tentorial hiatus
 surgical approaches, 1982, Vol. 9
- Thermocoagulation, 1975, Vol. 2
- dorsal root entry zone (DREZ),
 1987, Vol. 15
- Third ventricle
 colloid cysts, 1990, Vol. 17,
 surgical techniques and
 management, 1990, Vol. 17
- tumours of posterior part, 1979,
 Vol. 6
- Thoracic spine
 anterior approaches to non-
 traumatic lesions, 1997, Vol. 23
- Transcranial Doppler, 1993, Vol. 20
- Trans-oral approaches
 epidural craniocervical pathology,
 1985, Vol. 12
- Transplantation
 brain, 1997, Vol. 23
 encapsulated cells, 1999, Vol. 25
 encapsulated cells: commentary,
 2000, Vol. 26
- Transplants
 adrenal medullary for Parkinson's,
 1990, Vol. 17
- Urinary tract, 2004, Vol. 30*
- Vertebral artery
 spondylotic compression, 1981,
 Vol. 8

Advances and Technical Standards in Neurosurgery

Volume 23

1997. XV, 278 pages. 89 figures, partly in colour.

Hardcover **EUR 133,-**

ISBN 3-211-82827-3

Advances: • A Critical Review of the Current Status and Possible Developments in Brain Transplantation (S. Rehnrcrona) • The Normal and Pathological Physiology of Brain Water (K. G. Go) **Technical Standards:** • Transfacial Approaches to the Skull Base (D. Uttley) • Presigmoid Approaches to Skull Base Lesions (M. T. Lawton, C. P. Daspit, R. F. Spetzler) • Anterior Approaches to Non-Traumatic Lesions of the Thoracic Spine (A. Monteiro Trindade, J. Lobo Antunes) • The Far Lateral Approach to Lumbar Disc Herniations (F. Porchet, H. Fankhauser, N. de Tribolet)

Volume 22

1995. XV, 381 pages. 149 figures, partly in colour.

Hardcover **EUR 176,-**

ISBN 3-211-82634-3

Advances: • The Classification and Molecular Biology of Pituitary Adenomas (K. Thapar, K. Kovacs, E. R. Laws) • Biomechanics and Classification of Traumatic Lesions of the Spine (J. P. Chirossel, G. Vanneuville, J. G. Passagia, J. Chazal, Ch. Coillard, J. J. Favre, J. M. Garcier, J. Tonetti, M. Guillot) • Space-Occupying Lesions of the Sensori-Motor Region (U. Ebeling, H.-J. Reulen) **Technical Standards:** • The Surgery of Cavernomas Both Supra-Tentorial and Infra-Tentorial (J. P. Houtteville) • Surgery for Gliomas and Other Mass Lesions of the Brainstem (A. Bricolo, S. Turazzi) • Hearing Preservation in Acoustic Tumour Surgery (M. Samii, C. Matthies)

All prices are recommended retail prices
Net-prices subject to local VAT.

 SpringerWienNewYork

P.O. Box 89, Sachsenplatz 4-6, 1201 Vienna, Austria, Fax +43.1.330 24 26, books@springer.at, **springer.at**
Haberstraße 7, 69126 Heidelberg, Germany, Fax +49.6221.345-4229, SDC-bookorder@springer-sbm.com, springer.de
P.O. Box 2485, Secaucus, NJ 07096-2485, USA, Fax +1.201.348-4505, orders@springer-ny.com, springeronline.com
Eastern Book Service, 3-13, Hongo 3-chome, Bunkyo-ku, Tokyo 113, Japan, Fax +81.3.38 18 08 64, orders@svt-ebc.co.jp
Preisänderungen und Irrtümer vorbehalten.

Advances and Technical Standards in Neurosurgery

Volume 25

1999. XIV, 241 pages. 54 figures, partly in colour.

Hardcover **EUR 106,-**

ISBN 3-211-83217-3

Advances: • Treatment of Diseases of the Central Nervous System Using Encapsulated Cells (A. F. Hottinger, P. Aebischer) • Intracranial Endoscopy (G. Fries, A. Perneckzy) • Chronic Deep Brain Stimulation for Movement Disorders (D. Caparros-Lefebvre, S. Blond, J. P. N'Guyen, P. Pollak, A. L. Benabid) **Technical Standards:** • Recent Advances in the Treatment of Central Nervous System Germ Cell Tumors (Y. Sawamura, H. Shirato, N. de Tribolet) • Hypothalamic Gliomas (V. V. Dolenc) • Surgical Approaches of the Anterior Fossa and Preservation of Olfaction (J. G. Passagia, J. P. Chirossel, J. J. Favre)

Volume 24

1998. XIII, 310 pages. 57 figures, partly in colour.

Hardcover **EUR 133,-**

ISBN 3-211-83064-2

Advances: • The Septal Region and Memory (D. Y. von Cramon, U. Müller) • The in vivo Metabolic Investigation of Brain Gliomas with Positron Emission Tomography (J. M. Derlon) • Use of Surgical Wands in Neurosurgery (L. Zamorano, F. C. Vinas, Z. Jiang, F. G. Diaz) **Technical Standards:** • The Endovascular Treatment of Brain Arteriovenous Malformations (A. Valavanis, M. G. Yasargil) • The Interventional Neuroradiological Treatment of Intracranial Aneurysms (G. Guglielmi) • Benign Intracranial Hypertension (J. D. Sussman, N. Sarkies, J. D. Pickard)

All prices are recommended retail prices
Net-prices subject to local VAT.

 SpringerWienNewYork

P.O. Box 89, Sachsenplatz 4–6, 1201 Vienna, Austria, Fax +43.1.330 24 26, books@springer.at, **springer.at**
Haberstraße 7, 69126 Heidelberg, Germany, Fax +49.6221.345-4229, SDC-bookorder@springer-sbm.com, springer.de
P.O. Box 2485, Secaucus, NJ 07096-2485, USA, Fax +1.201.348-4505, orders@springer-ny.com, springeronline.com
Eastern Book Service, 3-13, Hongo 3-chome, Bunkyo-ku, Tokyo 113, Japan, Fax +81.3.38 18 08 64, orders@svt-ebc.co.jp
Preisänderungen und Irrtümer vorbehalten.

Advances and Technical Standards in Neurosurgery

Volume 27

2002. XIV, 244 pages. 97 figures, partly in colour.

Hardcover **EUR 98,-**

ISBN 3-211-83605-5

Advances: Neurobiology of Epileptogenesis in the Temporal Lobe (L. Jutila, A. Immonen, K. Partanen, J. Partanen, E. Mervaala, A. Ylinen, I. Alafuzoff, L. Paljärvi, K. Karkola, M. Vapalahti, A. Pitkänen) • Diffuse Axonal Injury after Head Trauma. A Review (J. Sahuquillo, M. A. Poca) • Multi-Modal Monitoring of Acute Brain Injury (R. Kett-White, P. J. Hutchinson, M. Czosnyka, S. Boniface, J. D. Pickard, P. J. Kirkpatrick) **Technical Standards:** Endoscopic Endonasal Transsphenoidal Surgery (E. de Divitiis, P. Cappabianca) • Extracranial Vertebral Artery Anatomy and Surgery (B. George) • Neurosurgical Management of Pineal Tumours (Y. Sawamura, N. de Tribolet)

Volume 26

2000. XVI, 346 pages. 83 figures, partly in colour.

Hardcover **EUR 143,-**

ISBN 3-211-83424-9

Advances: Multiple Subpial Transection (C. E. Polkey); Hemispheric Disconnection: Callosotomy and Hemispherotomy (J.-G. Villemure, O. Vernet, O. Delalande) • Central Nervous System Lymphomas (H. Loiseau, E. Cuny, A. Vital, F. Cohadon) • Invited Commentary: Treatment of Diseases of the Central Nervous System Using Encapsulated Cells, by A. F. Hottinger and P. Aebischer (Advances and Technical Standards in Neurosurgery Vol. 25) (A. E. Rosser, T. Ostendorf, C. N. Svendsen) **Technical Standards:** The Intracranial Venous System as a Neurosurgeon's Perspective (M. Sindou, J. Auque) • Reconstructive Surgery of the Extracranial Arteries (R. Schmid-Elsässer, R. J. Medele, H.-J. Steiger) • Surgical Treatment of Lumbar Spondylolisthesis (P. W. Detwiler, R. W. Porter, P. P. Han, D. G. Karahalios, R. Masferrer, V. K. H. Sonntag).

All prices are recommended retail prices
Net-prices subject to local VAT.

SpringerNeurosurgery

Advances and Technical Standards in Neurosurgery

Volume 29

2004. XIV, 304 pages. 101 figures, partly in colour.

Hardcover **EUR 125,-**

ISBN 3-211-14027-1

Advances: Disorders of Consciousness: Anatomical and Physiological Mechanisms (J. L. Valatx) • Advances in Craniostylosis Research and Management (J. Guimarães-Ferreira, J. Miguéns, C. Lauritzen) **Technical Standards:** • Preoperative Clinical Evaluation, Outline of Surgical Technique and Outcome in Temporal Lobe Epilepsy (A. Immonen, L. Jutila, R. Kälviäinen, E. Mervaala, K. Partanen, J. Partanen, R. Vanninen, A. Ylinen, I. Alafuzoff, L. Paljärvi, H. Hurskainen, J. Rinne, M. Puranen, M. Vapalahti) • Motor Evoked Potential Monitoring for Spinal Cord and Brain Stem Surgery (F. Sala, P. Lanteri, A. Bricolo) • Motor Evoked Potential Monitoring for the Surgery of Brain Tumours and Vascular Malformations. (G. Neuloh, J. Schramm) • Functional Neuronavigation and Intraoperative MRI (C. Nimsky, O. Ganslandt, R. Fahlbusch) • Surgical Anatomy of the Insula (M. Guenot, J. Isnard, M. Sindou)

Volume 28

2003. XIV, 360 pages. 80 figures, partly in colour.

Hardcover **EUR 144,95**

ISBN 3-211-83803-1

Advances: Recent Advances in Stem Cell Neurobiology (T. Ostefeld, C. N. Svendsen) • Mapping of the Neuronal Networks of Human Cortical Brain Functions (S. Momjian, M. Seghier, M. Seeck, C. M. Michel) **Technical Standards:** Cerebral Revascularization (H. J. N. Streefkerk, A. Van der Zwan, R. M. Verdaasdonk, H. J. Mansveld Beck, C. A. F. Tulleken) • Relative Indications for Radiosurgery and Microsurgery for Acoustic Schwannoma (W. Pellet, J. Regis, P.-H. Roche, C. Delsanti) • The Management of Brain Abscesses (S. Livraghi, J. P. Melancia, J. Lobo Antunes) • Surgical Anatomy of the Temporal Lobe for Epilepsy Surgery (M. Sindou, M. Guenot)

All prices are recommended retail prices
Net-prices subject to local VAT.

 **SpringerWienNewYork**

P.O. Box 89, Sachsenplatz 4-6, 1201 Vienna, Austria, Fax +43.1.330 24 26, books@springer.at, **springer.at**
Haberstraße 7, 69126 Heidelberg, Germany, Fax +49.6221.345-4229, SDC-bookorder@springer-sbm.com, springer.de
P.O. Box 2485, Secaucus, NJ 07096-2485, USA, Fax +1.201.348-4505, orders@springer-ny.com, springeronline.com
Eastern Book Service, 3-13, Hongo 3-chome, Bunkyo-ku, Tokyo 113, Japan, Fax +81.3.38 18 08 64, orders@svt-ebc.co.jp
Preisänderungen und Irrtümer vorbehalten.

*Springer-Verlag
and the Environment*

WE AT SPRINGER-VERLAG FIRMLY BELIEVE THAT AN international science publisher has a special obligation to the environment, and our corporate policies consistently reflect this conviction.

WE ALSO EXPECT OUR BUSINESS PARTNERS – PRINTERS, paper mills, packaging manufacturers, etc. – to commit themselves to using environmentally friendly materials and production processes.

THE PAPER IN THIS BOOK IS MADE FROM NO-CHLORINE pulp and is acid free, in conformance with international standards for paper permanency.