

KEY WORDS INDEX (From vol. 24 no. 1 to vol. 24 no. 12, 1996)

- [A]
- Abbie's syndrome • 63
- Abnormality, sacral bony • 189
- Abscess
- a., brain • 859
- a., pituitary • 343
- Abuse, child • 945
- Acoustic
- a. neurinoma • 431, 661
- a. neuroma • 329
- a. tumor • 739
- Acromegaly • 927
- Activation SPECT • 598
- Acute
- a. cerebral ischemic disease • 719
- a. subdural hematoma • 665, 905
- Adenoma
- a., lateral extension of • 913
- a., pituitary • 475, 1119
- Agarose/poly (styrene sulfonic acid) mixed gel • 35
- Age • 47
- Aged Moyamoya disease • 57
- Aggregation, erythrocyte • 541
- Allograft • 35
- Amnesia • 53
- Amyloid • 655
- Analysis, retrospective • 733
- Anastomosis, STA-MCA • 57, 81, 169
- Anatomical review • 415
- Aneurysm • 463, 933, 964, 1087
- a. of the vein of Galen • 1139
- a., anterior communicating artery • 625
- a., asymptomatic cerebral • 875
- a., cerebral • 437, 517
- a., de novo cerebral • 469
- a., dissecting • 87, 955
- a., distal PICA • 469
- a., giant fusiform • 357
- a., internal carotid artery • 63
- a., intracranial • 469
- a., multiple • 385
- a., mycotic • 253
- a., P₃ portion • 1011
- a., PCA • 1107
- a., petrous portion • 253
- a., ruptured intracranial • 733
- a., saccular • 639
- a., superficial temporal artery • 277
- Angiography • 631, 719, 1035
- a., cerebral • 475
- a., MR • 755
- a., serial • 443
- a., three-dimensional CT • 995
- Angioma
- a., cavernous • 259, 1125
- a., spinal epidural cavernous • 927
- Angioplasty, percutaneous transluminal • 1027
- Anorectal malformation • 189
- Anosmia • 625
- Anterior
- a. approach • 205
- a. cerebral artery • 87
- a. cervical decompression • 823
- a. choroidal artery • 63
- a. communicating artery aneurysm • 625
- a. fusion • 535
- a. sacral meningocele • 189
- Antigen, proliferating cell nuclear • 143
- Aortic arch, right-sided • 347
- Aphasia, transcortical sensory • 63
- Apoplexy
- a., subacute pituitary • 475
- a., subclinical pituitary • 475
- Approach • 639
- a., anterior • 205
- a., basal subfrontal • 563
- a., combined • 613
- a., cranio-orbital zygomatic • 523
- a., extradural • 523
- a., frontobasal interhemispheric • 321
- a., infratentorial supracerebellar • 981
- a., interhemispheric • 625
- a., lateral • 119
- a., lateral suboccipital • 157
- a., occipital interhemispheric • 1011
- a., petrosal • 1041
- a., posterior • 263
- a., posterolateral • 335
- a., subtemporal • 1011
- a., subtemporal infratemporal • 563
- a., supracondylar transjugular tubercle • 119
- a., surgical • 675, 1079
- a., trans-choroidal fissure • 1011
- a., transcondylar • 119, 1135
- a., transcondylar fossa • 119
- Aqueductal stenosis • 745
- Arachnoid cyst • 47, 75, 1139
- Area
- a., Broca's • 109
- a., Wernicke's • 109

Arrest, circulatory	• 507
Arterial narrowing	• 785
Arteriovenous malformation (→AVM)	
Artery	
a., anterior cerebral	• 87
a., anterior choroidal	• 63
a., basilar	• 517, 639, 1035
a., extracranial vertebral	• 933
a., lenticulostriate	• 964
a., middle cerebral	• 955
a., perforating	• 1035
a., peripheral	• 964
a., vertebral	• 759
Astrocytoma	• 809
Asymptomatic cerebral aneurysm	• 875
Atlanto-axial rotatory fixation	• 671
Atlanto-occipital dislocation	• 451
Auditory evoked potentials, brainstem	• 431
Auditory evoked response	• 305, 921
Auditory meatus, internal	• 661
Autograft, vertebral column, with the intervertebral disc	• 823
Autoregulation	• 897
AVM	• 277, 897, 981
a., dural	• 81
a., occult	• 551

[B]

Ballism	• 169
Basal ganglia	• 267
Basal subfrontal approach	• 563
Basilar artery	• 517, 639, 1035
Battered child	• 945
Benign intracranial hypertension	• 93
Bilateral	• 573
b. carotid artery stenosis	• 885
b. carotid endarterectomy	• 885
Blood flow	
b. flow, cerebral (CBF)	• 7, 779
b. flow, regional cerebral	• 897
Bone	
b. destruction	• 739
b., petrous	• 1079
Boxing	• 905
Brachytherapy	• 481
Brain	
b. abscess	• 859
b. concussion	• 227

b. function	• 7
b. mapping, functional	• 305
b. metastasis	• 1003
b. necrosis	• 801
b. stem	• 311, 841, 949
b. tumor	• 143, 247, 487, 835
b., human	• 409
Brainstem auditory evoked potentials	• 431
Broca's area	• 109
Bromocriptine	• 913
Bypass, EC-IC	• 357

[C]

(¹¹ C-methyl)-L-methionine	• 287
Calcification	• 69
Canal	
c., internal auditory	• 739
c., spinal	• 69, 75
Candida	• 389
Carcinoma, renal cell	• 829
Carotid	
c. artery aneurysm, internal	• 63
c. artery dissection	• 853
c. artery occlusion, internal	• 169
c. artery stenosis, bilateral	• 885
c. cavernous fistula (CCF)	• 273
c. endarterectomy	• 995
c. stenosis	• 995
Cavernous	
c. angioma	• 259, 1125
c. sinus	• 529
c. sinus tumor	• 523
CCF	• 749
Central	
c. retinal vein occlusion	• 749
c. sulcus	• 598
Cephalocele	• 1067
Cerebellar circulation disorder	• 455
Cerebellopontine angle	• 157, 661
Cerebellum	• 75
Cerebral	
c. aneurysm	• 437, 517
c. aneurysm surgery	• 507
c. angiography	• 475
c. blood flow (CBF)	• 7, 779
c. blood flow, regional	• 897
c. contusion	• 891
c. embolism	• 57, 1027

c. hemodynamics • 801, 897
 c. infarction • 87
 c. ischemia • 785
 c. malformation • 1067
 c. protection • 507
 c. vasospasm • 19, 135, 785
 Cerebrospinal fluid fistula • 29
 Cervical
 c. disc disease • 823
 c. fusion • 459
 c. spine • 69, 205, 451
 c. spondylosis • 535
 Chemotherapy • 267, 481
 Chiari malformation • 709
 Child • 347, 964
 c. abuse • 945
 c., battered • 945
 Childhood • 605
 Cholesterol granuloma • 1041
 Chondrosarcoma • 175
 Choriocarcinoma, metastatic • 463
 Chronic
 c. intracerebral hematoma • 487
 c. subdural hematoma • 573
 Cine MRI • 765
 Circulatory arrest • 507
 Clinical feature • 755
 Clipping
 c., neck • 63
 c., proximal • 357, 964
 Cochlear nerve • 329
 Cognitive function • 53
 Coil, interlocking detachable • 273
 Combined approach • 613
 Compartmental flow model • 897
 Complex partial status epilepticus • 259
 Complication • 41, 157
 Compression, spinal cord • 69
 Computed tomography (→CT)
 c. tomography, functional image of dynamic • 719
 Computer graphics, three-dimensional • 977
 Concussion, brain • 227
 Congenital • 277
 c. origin • 81
 Conjunctival cyst • 649
 Consumption, glucose • 211
 Controversies • 875
 Contusion, cerebral • 891
 Cord, spinal • 75, 1125

Cortex
 c., eloquent • 795
 c., primary visual • 598
 c., sensorimotor • 598
 c., sensory motor • 109
 c., visual • 109
 Cranial base surgery • 29
 Cranio-orbital zygomatic approach • 523
 Craniopharyngioma • 321
 Craniotomy • 1079
 CSF
 c. dynamics • 765
 c. pressure recording • 93
 c. space dissemination • 389
 c., G- • 701
 c., GM- • 701
 c., M- • 701
 CT • 157
 c. scan • 573
 c., functional image of dynamic • 719
 Currarino triad • 189
 Cyst
 c. wall • 125
 c., arachnoid • 47, 75, 1139
 c., conjunctival • 649
 c., endodermal • 1135
 c., peritoneal shunt • 939
 c., posterior fossa • 939
 c., Rathke's cleft • 125
 Cystic hemangioblastoma • 949
 Cytokine • 701

[D]

Decompression
 d., anterior cervical • 823
 d., foramen magnum • 709
 d., microvascular • 431
 Deferred PTA • 1101
 Deficiency, protein S • 379
 Deformity, spinal • 605
 Delayed ischemic neurological deficit • 723
 Denervation • 221
 De novo cerebral aneurysm • 469
 Destruction, bone • 739
 Detachable coil, interlocking • 273
 Diagnosis, differential • 755
 Differential diagnosis • 755

Fibrinolysis • 955
 f., endovascular • 57
 Field, neurosurgical • 241
 Fistula
 f., carotid cavernous (CCF) • 273
 f., cerebrospinal fluid • 29
 f., dural arteriovenous • 379, 455, 631
 Fixation
 f., atlanto-axial rotatory • 671
 f., occiput to C2 • 459
 FLAIR • 1087
 Flavum, ligamentum • 69
 Fluid-attenuated inversion recovery (FLAIR) • 891
 Foramen magnum • 119, 335
 f. magnum decompression • 709
 Fossa
 f., infratemporal • 643
 f., posterior • 157, 621, 1135
 Fracture, Jefferson • 459, 671
 Frontal base • 613
 Frontobasal interhemispheric approach • 321
 Function
 f., brain • 7
 f., cognitive • 53
 f., higher brain • 691, 779
 Functional
 f. brain mapping • 305
 f. image of dynamic computed tomography • 719
 f. mapping • 977
 f. mapping, noninvasive • 409
 f. MRI • 7, 109
 f. organization • 501
 Fungal granuloma • 389
 Fusion
 f., anterior • 535
 f., cervical • 459

[G]

Gamma knife • 235, 529
 Ganglia, basal • 267
 G-CSF • 701
 Germinoma • 817
 g. with syncytiotrophoblastic giant cells (STGC)
 • 267
 Giant fusiform aneurysm • 357
 Glioblastoma • 809
 Glioma • 701, 921
 Glucose consumption • 211

GM-CSF • 701
 Graft, fetal mesencephalic • 987
 Granuloma
 g., cholesterol • 1041
 g., fungal • 389

[H]

Hanging • 853
 HCG • 267
 Headache, thunderclap • 437
 Head
 h. injury • 665, 785, 849, 905
 h. trauma • 723
 Hearing • 329, 661
 Hemangioblastoma, cystic • 949
 Hematoidin • 1125
 Hematoma
 h., acute subdural • 665, 905
 h., chronic intracerebral • 487
 h., chronic subdural • 573
 h., epidural • 621
 h., intracerebral • 93
 h., subdural • 47, 551, 945
 Hematomyelia • 1125
 Hemilaminectomy, partial • 675
 Hemodialysis • 655
 Hemodynamic stress • 1107
 Hemodynamics, cerebral • 801, 897
 Hemorrhage
 h., intracerebral • 53, 385
 h., intracranial • 557
 h., intratumoral • 175
 h., intraventricular • 469
 h., midbrain • 849
 h., putaminal • 859
 h., subarachnoid (→SAH)
 h., subarachnoidal (→SAH)
 h., traumatic subarachnoid
 Hemorrhagic infarction • 631
 Herniation
 h., far-lateral lumbar disc • 415
 h., L1-2 lumbar disc • 263
 h., lumbar disc • 149, 363, 415
 h., spinal disc • 927
 Higher brain function • 691, 779
 High jugular bulb • 755
 Histiocytoma, malignant fibrous • 557
 Histopathology • 125

Human brain • 409
 Hydrocephalus • 75, 745, 817
 Hydroxyapatite ceramic spacer • 535
 Hypertension
 h., benign intracranial • 93
 h., intracranial • 165
 Hypertrophic cranial pachymeningitis • 281, 287
 Hypertrophy • 655
 Hypervolemic therapy • 541
 Hypothermia, profound • 507

[I]

Image, magnetic resonance (→MRI)

Imaging

 i., echo planar • 7
 i., MR (→MRI)
 i., magnetic resonance (→MRI)

Immunoblotting • 143

Immunohistochemistry • 143, 175, 1135

Incidence • 443, 875

Infarction • 463

 i., cerebral • 87
 i., hemorrhagic • 631

Infratemporal fossa • 643

Infratentorial supracerebellar approach • 981

Injury

 i., diffuse axonal • 227, 891, 905
 i., diffuse brain • 723
 i., head • 665, 785, 849, 905
 i., minor head • 347

Insufficiency, vertebrobasilar • 759

Interhemispheric approach • 625

Interlocking detachable coil • 273

Internal

 i. auditory canal • 739
 i. auditory meatus • 661
 i. carotid artery aneurysm • 63
 i. carotid artery occlusion • 169
 i. carotid occlusion • 1101

Intracellular signal transduction • 19

Intracerebral

 i. hematoma • 93
 i. hemorrhage • 53, 385

Intracranial

 i. aneurysm • 469
 i. hemorrhage • 557
 i. hypertension • 165
 i. lipoma • 1139

Intractable epilepsy • 369, 551

Intraoperative monitoring • 311, 431

Intraosseous meningioma • 1015

Intraspinal tumor • 605

Intratumoral hemorrhage • 175

Intraventricular

 i. hemorrhage • 469

 i. tumor • 211

Iotrolan • 1051

Ischemia, cerebral • 785

Ischemic neurological deficit, delayed • 723

Isolation, sinus • 455

[J]

Jefferson fracture • 459, 671

Jugular bulb, high • 755

[K]

Klippel-Feil syndrome • 933

[L]

L1-2 lumbar disc herniation • 263

Lamina terminalis • 321

Lateral

 l. approach • 119
 l. extension of adenoma • 913
 l. suboccipital approach • 157

Lenticulostriate artery • 964

Ligament

 l., ossification of the posterior longitudinal • 205, 927
 l., ossification of yellow • 927
 l., posterior longitudinal • 655

Ligamentum flavum • 69

Linear accelerator • 801, 1003

Lipoma, intracranial • 1139

Lobectomy, temporal • 369

Locked-in syndrome • 1035

Lumbar

 l. canal stenosis • 927
 l. discectomy • 415
 l. disc herniation • 149, 363, 415
 l. drainage • 29
 l. puncture • 375

[M]	
Macroadenoma, prolactin-producing	913
Magnetic	
m. resonance image (→MRI)	
m. resonance imaging (→MRI)	
Magnetoencephalography (MEG)	305, 691, 921
Malformation	
m., anorectal	189
m., arteriovenous (→AVM)	
m., cerebral	1067
m., Chiari	709
Malignant	
m. fibrous histiocytoma	557
m. paraganglioma	1045
Management outcome	733
Managements	875
Mapping	
m., functional	977
m., functional brain	305
m., noninvasive functional	409
Mastoidectomy	1079
MCA occlusion	1107
M-CSF	701
Meatus, internal auditory	661
Mechanism	739
Meckel's cave tumor	523
Medulla oblongata	247, 949
Melanocytoma	247
Melanoma	247
Membrane	745
Meninges extra-axial tumor	557
Meningioma	335, 351, 529, 643, 841, 1093
m., falx	567
m., intraosseous	1015
m., parasagittal	165
m., thoracic	567
Meningocele, anterior sacral	189
Metastasis	829, 1045
m., brain	1003
Metastatic choriocarcinoma	463
Methylprednisolone	135
Method	
m., SPAMM-tagging	765
m., screening	995
Microdissectomy	263
Microdiscotomy	149
Microrecording	501
Microvascular decompression	431
Midbrain hemorrhage	849
Middle	
m. cerebral artery	955
m. cerebral artery, occlusion of	1027
Minor	
m. head injury	347
m. leak	437
Model, compartmental flow	897
Monitoring, intraoperative	311, 431
Monoballism	169
Moyamoya disease, aged	57
MR angiography	755
MRI	7, 125, 287, 335, 343, 351, 375, 389, 557, 598, 745, 849, 853, 891, 1015, 1041, 1087, 1125
m., cine	765
m., functional	7, 109
MR imaging (→MRI)	
MRSA (methicillin-resistant Staphylococcus aureus)	
.....	241
Multiple	
m. aneurysms	385
m. subpial transection (MST)	795
Muscle	
m., smooth	19
m., splenius	221
Mycobacterium tuberculosis	835
Mycotic aneurysm	253
[N]	
Narrowing, arterial	785
Natural history	443
Near-infrared spectroscopy	409
Neck clipping	63
Necrosis, brain	801
Nerve, cochlear	329
Nerve, facial	329
Neural transplantation	35
Neurinoma	675
n., acoustic	431, 661
Neurofibroma	563
Neurofibromatosis type 1	183
Neuroma, acoustic	329
Neurophysiology	501
Neurosurgical field	241
Newborn	551
Noninvasive functional mapping	409
Notochord	1021
Nucleus, subthalamic	169

[O]

Occipital interhemispheric approach	• 1011
Occiput to C2 fixation	• 459
Occlusion	
o. of middle cerebral artery	• 1027
o., central retinal vein	• 749
o., internal carotid	• 1101
o., internal carotid artery	• 169
o., MCA	• 1107
Occult AVM	• 551
Oculomotor nerve palsy	• 849
Operation	• 517, 605
o., shunting	• 93
o., two staged	• 563
Orbitocranial trauma	• 649
Organization, functional	• 501
Origin, congenital	• 81
Ossification	• 351, 655
o. of the posterior longitudinal ligament	• 205, 927
o. of yellow ligament	• 927
Otorrhagia	• 253
Outcome	• 905
o., management	• 733
o., surgical	• 1093

[P]

P ₃ portion aneurysm	• 1011
Pachymeningitis, hypertrophic cranial	• 281, 287
Palsy, oculomotor nerve	• 849
Papilledema	• 165
Paraganglioma, malignant	• 1045
Paraplegia	• 567
Parasagittal meningioma	• 165
Parent artery preservation	• 253
Parinaud's sign	• 1113
Parkinson's disease	• 35, 987
Partial hemilaminectomy	• 675
PC12 cell	• 35
PCA aneurysm	• 1107
PCNA	• 143
PCR	• 835
Percutaneous transluminal angioplasty	• 1027
Perforating artery	• 1035
Peripheral artery	• 964
Persistent fetal venous drainage	• 1139
PET	• 211, 287, 501, 779
Petroclival region	• 841
Petrosal approach	• 1041

Petrous

p. apex	• 1041
p. bone	• 1079
p. portion aneurysm	• 253

Physaliphorous cell	• 1021
---------------------	--------

Pineal

p. cell tumor	• 481
p. tumor	• 817

Pineoblastoma	• 481
---------------	-------

Pituitary

p. abscess	• 343
p. adenoma	• 475, 1119
p. apoplexy, subacute	• 475
p. apoplexy, subclinical	• 475
p. dwarfism	• 183
p. tumor	• 343

Planum sphenoidale	• 1093
--------------------	--------

Positron emission tomography (→PET)

Posterior

p. approach	• 263
p. fossa	• 157, 621, 1135
p. fossa cyst	• 939
p. longitudinal ligament	• 655

Posterolateral approach	• 335
-------------------------	-------

Potentials

p., brainstem auditory evoked	• 431
p., somatosensory evoked	• 977

Preservation, parent artery	• 253
-----------------------------	-------

Prevention	• 241
------------	-------

Primary visual cortex	• 598
-----------------------	-------

Processing, word	• 779
------------------	-------

Profound hypothermia	• 507
----------------------	-------

Prognosis	• 281
-----------	-------

Prognostic factors	• 733, 809
--------------------	------------

Programmable pressure valve	• 41
-----------------------------	------

Prolactin-producing macroadenoma	• 913
----------------------------------	-------

Proliferating cell nuclear antigen (PCNA)	• 143
---	-------

Protection, cerebral	• 507
----------------------	-------

Protein S deficiency	• 379
----------------------	-------

Proximal clipping	• 357, 964
-------------------	------------

Pseudotumor cerebri	• 93
---------------------	------

PTA

p., deferred	• 1101
p., rescue	• 1101

Puncture, lumbar	• 375
------------------	-------

Putaminal hemorrhage	• 859
----------------------	-------

[Q]
 QOL • 321
 Quadrigeminal plate • 1113

[R]
 Radiosurgery • 235, 529, 1003
 r., experimental stereotactic • 801
 Radiotherapy • 267, 817
 r., stereotactic • 1003
 Rate
 r. constant • 211
 r. of rupture • 875
 Rathke's cleft cyst • 125
 Recording
 r., 24h EEG • 369
 r., CSF pressure • 93
 Recurrence • 357
 Regional cerebral blood flow • 897
 Removal
 r., surgical • 949
 r., total • 321
 Renal cell carcinoma • 829
 Rescue PTA • 1101
 Resection, en-bloc • 613
 Response
 r., auditory evoked • 305, 921
 r., somatosensory evoked • 305
 r., visual evoked • 305
 Result, short-term • 987
 Retrospective analysis • 733
 Rhinorrhea • 29, 765
 Right-sided aortic arch • 347
 Rupture
 r., rate of • 875
 r., simultaneous • 385
 Ruptured intracranial aneurysm • 733

[S]
 SAH • 19, 135, 385, 437, 463, 469, 541,
 573, 723, 733, 1011, 1087, 1107
 Saccular aneurysm • 639
 Sacral bony abnormality • 189
 Scalp • 277
 Screening method • 995
 Seizure • 913
 Sensorimotor cortex • 598

Sensory motor cortex • 109
 Serial angiography • 443
 Short-term result • 987
 Shunt
 s., cyst-peritoneal • 939
 s., syringo-subarachnoid • 709
 s., V-P • 41, 817
 Shunting operation • 93
 Sigmoid sinus • 1079
 Sign
 s., dural tail • 1015
 s., Parinaud's • 1113
 s., string and pearl • 955
 Simulation • 977
 Simultaneous rupture • 385
 Sinus
 s. isolation • 455
 s., cavernous • 529
 s., sigmoid • 1079
 s., sphenoid • 643
 s., superior sagittal • 165
 s., thrombosis • 379, 631
 Skull
 s. base • 613, 829, 1079
 s. base tumor • 235
 Smooth muscle • 19
 Sof wire Cable system • 459
 Somatosensory
 s. evoked potentials • 977
 s. evoked response • 305
 Sonography, Doppler • 853
 SPAMM-tagging method • 765
 Spasmodic torticollis • 221
 SPECT, activation • 598
 Spectroscopy, near-infrared • 409
 Sphenoid sinus • 643
 Spinal
 s. canal • 69, 75
 s. cord • 75, 1125
 s. cord compression • 69
 s. deformity • 605
 s. disc herniation • 927
 s. epidermoid • 375
 s. epidural cavernous angioma • 927
 s. tumor • 351
 Spine, cervical • 69, 205, 451
 Splenius muscle • 221
 Spondylodiscitis • 149
 Spondylosis, cervical • 535
 Spontaneous • 665

s. thrombosis	• 1139	Syringo-subarachnoid shunt	• 709
STA-MCA anastomosis	• 57, 81, 169	System, Sof wire Cable	• 459
Status epilepticus	• 259		
s. epilepticus, complex partial	• 259		
Stenosis			
s., aqueductal	• 745	[T]	
s., bilateral carotid artery	• 885	Technique, surgical	• 1119
s., carotid	• 995	Temporal	
s., lumbar canal	• 927	t. lobe	• 921
Stepwise vascular dilatation	• 1101	t. lobectomy	• 369
Stereotactic radiotherapy	• 1003	t. lobe epilepsy	• 183
Steroid	• 135	Thalamus	• 53, 501
Stress		Therapy, hypervolemic	• 541
s., hemodynamic	• 1107	Thoracic meningioma	• 567
s., wall	• 897	Three-dimensional	
String and pearl sign	• 955	t. CT angiography	• 995
Stroke	• 347	t. computer graphics	• 977
Subacute pituitary apoplexy	• 475	Thrombosis	• 463
Subarachnoid hemorrhage (→SAH)		t., sinus	• 379, 631
Subarachnoidal hemorrhage (→SAH)		t., spontaneous	• 1139
Subclinical pituitary apoplexy	• 475	Thunderclap headache	• 437
Subdural		Tinnitus	• 329
s. effusion	• 47	Tomography, computed (→CT)	
s. hematoma	• 47, 551, 945	Tomography, positron emission (→PET)	
s. hematoma, acute	• 905	Torticollis, spasmodic	• 221
Subtemporal		Total removal	• 321
s. approach	• 1011	Trans-choroidal fissure approach	• 1011
s. infratemporal approach	• 563	Transcondylar	
Subthalamic nucleus	• 169	t. approach	• 119, 1135
Sulcus, central	• 598	t. fossa approach	• 119
Superficial temporal artery aneurysm	• 277	Transcortical sensory aphasia	• 63
Superior sagittal sinus	• 165	Transplantation, neural	• 35
Supracondylar transjugular tubercle approach	• 119	Trauma	• 47, 451, 1035
Surgery	• 311, 481	t., head	• 723
s., cerebral aneurysm	• 507	t., orbitocranial	• 649
s., cranial base	• 29	Traumatic	• 933
s., endovascular	• 253, 273	t. subarachnoid hemorrhage	• 891
s., epilepsy	• 795	Treatment	• 281
Surgical		Tuberculoma	• 835
s. approach	• 675, 1079	Tuberculosis	• 835
s. outcome	• 1093	t., Mycobacterium	• 835
s. removal	• 949	Tuberculum sella	• 1093
s. technique	• 1119	Tuberous sclerosis	• 369
Survival time	• 809	Tumor	
Symptom, visual	• 1093	t., acoustic	• 739
Syndrome		t., brain	• 143, 247, 487, 835
s., Abbie's	• 63	t., cavernous sinus	• 523
s., Klippel-Feil	• 933	t., dysembryoplastic neuroepithelial	• 183
s., locked-in	• 1035	t., intraspinal	• 605
Syringomyelia	• 709, 939	t., intraventricular	• 211

t., Meckel's cave • 523
 t., meninges extra-axial • 557
 t., pineal • 817
 t., pineal cell • 481
 t., pituitary • 343
 t., skull base • 235
 t., spinal • 351
 Two staged operation • 563

[U]

Urinary disturbance • 189

[V]

Vasospasm • 541, 723
 v., cerebral • 19, 135, 785
 Vein of Galen, aneurysm of the • 1139
 Ventricular drainage • 817
 Ventriculomegaly • 227
 Vertebral
 v. artery • 759
 v. artery dissection without subarachnoid
 hemorrhage • 443

 v. column autograft with the intervertebral disc • 823
 Vertebrobasilar insufficiency • 759
 Vertigo • 759
 Virchow-Robin's space • 347
 Visual
 v. cortex • 109
 v. disturbance • 281
 v. evoked response • 305
 v. symptom • 1093
 V-P shunt • 41, 817

[W]

Wall stress • 897
 Web • 745
 Wernicke's area • 109
 Word processing • 779

[X]

Xanthochromia • 573
 Xenograft • 35