

2008 Scientific Program Schedule  
 American Academy of Neurological Surgery  
 German Academy of Neurosurgery  
 German Society of Neurosurgery

<b>Wednesday Moderator-Lawton</b>		
<b>Time</b>	<b>Presentation</b>	<b>Presenter</b>
0730	Comparative Evaluation of iMRI and ALA guidance in High-grade Glioma Surgery	H. M. Mehdorn
0740	Pathogenesis of Epilepsy in Children Born Preterm	S. Robinson
0750	Pituitary Cortitroph Hyperplasia is Frequently Identified in Intermittent Cushing's Disease	M. Mayberg
0800	Bone Marrow-Derived Mesenchymal Stem Cells as Delivery Vehicles for Oncolytic Adenovirus Delta-24-RGD in the Treatment of Malignant Glioma	F. Lang
0810	Posterior C1-2 Fusion: Experience with C1 Lateral Mass and C2 Isthmic Screws	B. Meyer
0820	Glioblastoma Cancer Stem Cells Exhibit Decreased Dependence on Exogenous Growth Factors for Proliferation and Survival	J. Kuo

0830	Multimodality Therapy for AVM: The Effect of Embolization on Surgical Outcome	P. Stieg
0840	Fast and Objective Classification of Brain Tumor Tissue by Infrared Spectroscopic Imaging	G. Schackert
0850	Cyberknife Radiosurgery for Intramedullary Arteriovenous Malformations	R. Dodd
0900	Effects of Artificial Extracellular Matrix Proteins on the Differentiation of Adult Rodent Neural Stem Cells	J. Elder
0910	Apical Ballooning Syndrome (ABS) / Taka-Tsubo Disease Mimics Acute Myocardial Infarction in Subarachnoid Hemorrhage: Identification and Differentiation	C. Van Der Veer
0920	Endoscope-assisted Skull Base Surgery	H. W. S. Schroeder
0930 (Sanai and Berger to switch with Rutka and give this talk on Thursday)	Aggressive Resection of Insular Gliomas Improve Patient Outcome and Delays Malignant Transformation	N. Sanai
0940	Use of an Operational Standardized Checklist for Movement Disorder Surgery	P. Connolly
0950	Microsurgical Clipping and Endovascular Coiling of Intracranial Aneurysms: A Critical Review of the	R. Tamargo

	Literature	
1000	Break	
1030	Tumor Stem cells in Gliomas: Clinical Impact of the Stem Cell Marker CD133 and Therapeutic strategies	A. W. Unterberg
1040	The Syrxin - Protocol: Preoperative Diagnostics and Surgical Management in Syringomyelia	M. Tatagiba
1050	Stereoscopic 3D Video Recording of Intradural Spinal Surgery	L. Borges
1100	Pilocytic Astrocytoma – New Aspects of an Old Entity	H. J. Steiger
1110	Eplipsy Surgery in Older Adults	G. Cosgrove
1120	Surgical Treatment of Moyamoya Disease	G. Steinberg
1130	Human and Experimental Evidence of Neurodegeneration in Contact Sports	J. Bailes
1140	Clinical Outcome in the Morbidly Obese Patient Undergoing Minimally Invasive TLIF	R. Fessler
1150	<i>Cognition and Mood in Parkinson Disease after Unilateral STN versus GPi DBS: The COMPARE Trial</i>	K. Foote
1200	Sphenopalatine Ganglion Stimulation Improves Cerebral Perfusion After Experimental Subarachnoid	R. McDonald

	Hemorrhage	
1210	A Phase I Study of Human Fetal Spinal Cord Transplantation: Long-term Follow-up	W. Friedman
1220	Science Versus Engineering Approach to Neurosurgical Research: Case Study and Implications for Team Assembly and Program Development	I. Awad
<b>Thursday Moderator-Markert</b>		
<b>Time</b>	<b>Presentation</b>	<b>Presenter</b>
0730	Point-Counterpoint: Evidence Based Medicine has Improved the Care of Neurosurgical Patients	Moderator – Markert Affirmative – Haines Negative - Harbaugh
0830	Microsurgical Management of Incompletely Coiled and Recurrent Aneurysms: Trends, Techniques, and Observations on Coil Extrusion	M. Lawton
0840	Recurrence and Progression in Meningiomas: a biostatistical model of the clonal cytogenetic evolution in a complex benign human tumor	S. Urbschat
0850	Clinical Significance of Posterior Circulation Changes after Revascularization in Moyamoya Disease Patients	Y-K Tu
0900	Involvement of Osteopontin	R. Dempsey

	in Lateral Migration of Neuroblasts from the Subventricular Zone After Focal Ischemia	
0910	The QOLIBRI – a Novel Assessment Tool for Evaluation of Health Related Quality of Life (HRQoL) Following Traumatic Brain Injury (TBI)	K. von Wild
0920	Long-Term Outcome for Patients with Unruptured Intracranial Aneurysms – Data from the International Study of Unruptured Intracranial Aneurysms’ Prospective Treated and Untreated Cohorts	D. Piepgras
0930	Practice Variation in the Treatment of Unruptured Cerebral Aneurysm (u-TREAT Study in Japan)	K. Houkin
0940	Outcome Following Intracranial Meningioma Surgery: A Personal Series of 600 Consecutive Cases	J. Lee
0950	Predicting Aneurysm Rupture Using Geometric and Hemodynamic Computer Modeling	R. Harbaugh
1000	Break	
1030	Data from the International Study of Unruptured Intracranial Aneurysms: A State of Clinical Equipoise and Rationale for a Randomized Trial	D. Piepgras
1040 (talked switched to Wednesday)	KLF4 as a Novel Tumor Suppressor Gene in	J. Rutka

	Medulloblastoma	
1050	The Na <sup>+</sup> , K <sup>+</sup> -ATPase Pump is Essential for Regeneration of the Injured Adult Central Nervous System	B. Iskandar
1100	Transnasal Endoscopic Skull Base Surgery – Current Data and Options for the Future	M. Bettag
1110	Clipping Versus Coiling for Ruptured Intracranial Aneurysms: Interactive Medical Learning <sup>SM</sup> at CNS 2007	F. Barker
1120	Microanatomical and Physiological Basis of Hearing Preservation in Large Vestibular Schwannomas	S. K. Rosahl
1130	Basilar Artery Apex Aneurysms: Surgical Results and Prognostic Indicators	A. Nanda
1140	Time Course for Impairment and Recovery of Cerebral Autoregulation Following Severe Traumatic Brain Injury	D. Newell
1150	Multivariate Analysis of Factors Associated with Endocrine Deficits after Stereotactic Radiosurgery of Patients with Pituitary Adenomas	B. Pollock
1200	Fronto-Orbital Advancement with Bilateral En Bloc Frontal Craniotomy	M. Edwards
1210	Measles Virus: An	C. Raffel

	Oncolytic Virus Effective in the Treatment of Intracerebral Medulloblastoma	
1220	Skin-Derived Precursor Stem Cells Behave as Schwann Cells to Support Axonal Regeneration in Graft-Repaired and Chronically Denervated Peripheral Nerve	R. Midha
<b>Friday Moderator-Harbaugh</b>		
<b>Time</b>	<b>Presentation</b>	<b>Presenter</b>
0730	The ACGME & Neurosurgery Resident Training	Moderator – Harbaugh Speakers – Jane and Sonntag Panel – Batjer, Dacey, Giannotta
0830	Academy Award Presentation	E. Rizk
0840	Five Year Results with Cervical Disc Prostheses – a Long Term Follow-up Study	R. Firsching
0850	Inhibitors of Cytochrome C Release with Therapeutic Potential as Neuroprotective Agents	R. Friedlander
0900	Predicting Aneurysm Rupture Probabilities Through the Application of a CTA-Derived Binary Logistic Regression Model	C. Prestigiacomo
0910	Spreading Depolarizations (SD) and Associated	O. Sakowitz

	Cerebral Metabolism in Brain-Injured Patients	
0920	Retrospective Review Comparing Open Posterior Lumbar Interbody Fusion with Pedicle Screws versus Spinous Process Plate Fixation.	P. Nelson
0930	Time Course and Dose-Response of Magnetic Resonance Imaging and Spectroscopic Alterations after Radiosurgery for Medial Temporal Lobe Epilepsy	E. Chang
0940	Genetic Profile of Human Intracranial Aneurysms: A Study Using Microarray	B. Bendok
0950	IL13-Targeted Liposomes for the Systemic Treatment of Peripheral Nerve Sheath Tumors	K. Harbaugh
1000	Break	
1030	Estimation of the time interval between formation and rupture or unravelling the mystery of small unruptured intracranial aneurysms	A. Raabe
1040	Development of the Wireless Instantaneous Neurotransmitter Concentration Sensor (WINCS) for Intraoperative Neurochemical Monitoring During DBS Surgery	K. Lee
1050	Genetic Heterogeneity in Gliomas	S. Urbschat
1100	Cavernous Sinus Invasion in Cushing's Disease:	E. Oldfield



	Incidence, Patterns, Surgical Management	
1110	Implications of Considering Non-Operated Cases in the Calculation of Risk for AVM Surgery	M. Morgan
1120	Characterization of Cancer Stem Cells in Cancers of Breast, Bone and Brain	C. Duntsch
1130	Neurosurgical Clipping, Endovascular Coiling and Outcome after Subarachnoid Hemorrhage	R. McDonald
1140	Seating for Presidential Address	
1145	Presidential Introduction	D. Barrow
1200	Presidential Address	R. Spetzler
<b>Saturday Moderator-Unterberg</b>		
<b>Time</b>	<b>Presentation</b>	<b>Presenter</b>
0730	Vascular & Skull Base Neurosurgery	Moderator- Unterberg Speakers – Lumenta, Seifert, Tatagiba
0830	Deep Brain Stimulation for Self-injurious Behavior in Lesch-Nyhan Disease	P. Starr
0840	Pathogenesis of Central Canal Enlargement and AQP4 Expression following Experimentally Induced Cervical CSF Occlusion in Posttraumatic Syringomyelia	C. Shields
0850	Navigation for Neuro- endoscopy: Toy or Tool ?	V. Rohde

0900	Medulloblastoma Growth Enhancement by Hepatocyte Growth Factor Expression in Cerebellar Neural Progenitor Cells is Suppressed by Systemic Antibody Treatment	D. Fults
0910	The Unifying Articular Theory for Intraneural Ganglia	R. Spinner
0920	See the Brain at Work – Intraoperative Laser Doppler Functional Brain Imaging	A. Raabe
0930	Molecular Signature of High Grade Astrocytomas	W. Debinski
0940	The Effects of Intrathecal Hypotension Following Acute Spinal Cord Injury	N. Theodore
0950	<del>The World Federation of Neurosurgical Societies – Past, Present and Future</del>	<del>J. Brothi</del>
1000	Break	
1030	Physiologic Imaging in Endovascular Neurosurgery: C-Arm CT Measurement of Cerebral Blood Volume (CBV) and Time Resolved Digital Subtraction Angiography (DSA) with Color Coding (TRACC)	D. Niemann
1040	Image Guidance – is Pseudo-3D an Advantage?	S. K. Rosahl
1050	A possible new mechanism for fast genesis of intracranial aneurysms	A. Brawanski
1100	Exclusive Intradural Approach and Clip Reconstruction in Complex	V. Seifert

	and Giant Paraclinoid Aneurysms	
1110	Radiographic Anatomical Considerations for Placement Depth and Angle of C1 Lateral Mass Screws	S. Wait
1120	Semaphorins are Constitutively Expressed in Brain Tumors and are Responsible for Tumor Cell Migration	D. Baskin