

NORTH AMERICAN SKULL BASE SOCIETY



“History, Education, and Futuristic Techniques”

17TH ANNUAL MEETING SCIENTIFIC MEETING & EXHIBITION

FINAL PROGRAM

FEBRUARY 16-19, 2006

POINTE SOUTH MOUNTAIN RESORT

PHOENIX, ARIZONA

Pre-Meeting Courses • February 16, 2006 • Barrow Neurological Institute

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17TH ANNUAL SCIENTIFIC MEETING & EXHIBITION
in association with the
Brazilian Society of Neurosurgery

OFFICERS AND COMMITTEES

NORTH AMERICAN SKULL BASE SOCIETY

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Past Presidents

1990 Paul J. Donald, MD
1991 Laligam N. Sekhar, MD
1992 Ivo P. Janecka, MD
1993 Peter G. Smith, MD, PhD
1994 Albert L. Rhoton Jr., MD
1995 Hugh D. Curtin, MD

1996 Derald E. Brackmann, MD
1997 Ossama Al-Mefty, MD
1998 Steven A. Newman, MD
1999 John P. Leonetti, MD
2000 Robert F. Spetzler, MD

2001 Ian T. Jackson, MD
2002 Vinod K. Anand, MD
2003 Jon H. Robertson, MD
2004 Jatin Shah, MD
2005 Patrick J. Gullane

OFFICERS AND COMMITTEES

NORTH AMERICAN SKULL BASE SOCIETY

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Randall Weber, MD

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Laligam Sekhar, MD

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Jatin Shah, MD
Carl Snyderman, MD
Suresh Mukherji, MD

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John Delashaw, MD
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Saleem Abdulrauf, MD

HONORED GUESTS

Each year, the North American Skull Base Society honors one or several individuals who have made major contributions to one of the disciplines dealing with the management of patients with diseases of the skull base. This year, NASBS President Anil Nanda has chosen to honor Dr. Robert F. Spetzler and Dr. Robert K. Jackler.

HONORED GUESTS

ROBERT F. SPETZLER, M.D.

Robert F. Spetzler, M.D., attended Knox College in Galesburg, Illinois from 1963 to 1967 and graduated cum laude with a Bachelor's of Science degree in Biology and Chemistry. Before graduating, he spent a year at the Free University of Berlin on a scholarship. In 1967, he entered medical school at Northwestern University, where he obtained his M.D. in 1971 and completed his internship in 1972.

In 1972 Dr. Spetzler moved to the University of California at San Francisco where he trained as a resident under Charles B. Wilson, M.D., Professor and Chairman, Department of Neurosurgery. It was there, under the expert tutelage of Dr. Wilson that his interest in neurovascular surgery developed. His commitment to academic neurosurgery also was established at this time. Before finishing his residency, he had already published 15 articles in refereed journals, on 8 of which he was first author; had helped edit two books; and had made almost 20 presentations at national and international meetings. During the last year of his residency, he was awarded a Trauma Fellowship from the National Institutes of Health (NIH). He also received the Annual Resident Award at the 27th Annual Meeting of the Congress of Neurological Surgeons.



After completing his residency in 1977, Dr. Spetzler joined the Department of Neurosurgery at Case Western Reserve University School of Medicine in Cleveland, Ohio as an Assistant Professor. In 1980 he received his first major grant from NIH, developing a primate model of stroke that has since been used to test therapeutic treatments for stroke and cerebral ischemia. In 1981, he was promoted to an Associate Professor, holding that appointment until 1983. His commitment to clinical research during these years was rewarded with about 40 articles published in refereed journals and 16 book chapters.

In 1983 Dr. Spetzler was recruited by Dr. John R. Green to assume the J. N. Harber Chair of Neurological Surgery at the Barrow Neurological Institute (BNI) in Phoenix, Arizona. Two years later when Dr. Green retired, Dr. Spetzler became the Director of the Institute. Under Dr. Spetzler's leadership, the BNI has grown from primarily a regional center to an internationally recognized center of excellence that attracts both visiting healthcare professionals and patient referrals from around the world. The residency program has become one of the most highly sought programs because of the diversity of clinical experience and the emphasis on developing independent research projects.

Among just a few of Dr. Spetzler's contributions have been the development of theories on normal perfusion pressure breakthrough and how the size of arteriovenous malformations (AVMs) is related to their rupture; the development of a heuristic grading system for AVMs; advances in the surgical treatment of complex cerebrovascular lesions based on hypothermia, barbiturates, and cardiac arrest; and the development of innovative surgical approaches for skull base surgery. In the last decade this work has been reflected in the 100 articles published in refereed journals; the 83 book chapters either published or in press; the establishment of the official journal of the BNI, the BNI Quarterly; and numerous books and neurosurgical atlases.

HONORED GUESTS

ROBERT K. JACKLER, M.D.

Robert K. Jackler was raised in Waterville, Maine, attended college at Brandeis University, medical school at Boston University, and moved west to the University of California, San Francisco for residency in Otolaryngology-Head & Neck Surgery. After taking a Neurotology fellowship at the House Ear Clinic, Dr. Jackler joined the faculty at UCSF where he rose to Professor of Otolaryngology and Neurological Surgery. In 2003, he became the Sewall Professor and Chair of the Department at Otolaryngology – Head & Neck Surgery as well as Professor of Neurosurgery and Surgery at Stanford University School of Medicine.

Dr. Jackler’s clinical interest lies in the management of tumors of the lateral and posterior cranial base and he has written numerous analytical papers derived from his microsurgical series. He has had a long-standing collaboration with medical artist Christine Gralapp in producing original illustrations of a wide variety of approaches to the cranial base. Since 1988 Dr. Jackler has directed a fellowship program in neurotology & skull base surgery, which has trained a number of academic leaders in the field.

Dr. Jackler has authored over 130 peer reviewed papers, over 25 textbook chapters, numerous editorials, published three books (Neurotology – 1994 (2nd edition 2004), Atlas of Neurotology & Skull Base Surgery –1996, Tumors of the Ear and Temporal Bone - 2000), and served as Otolaryngology Section Editor for one of the major reference books in the field (Bailey BR. Otolaryngology – Head and Neck Surgery, 2001). His textbook of Neurotology is considered to be the “bible” of the field. He also coauthored a CD-ROM (Interactive Temporal Bone Dissector) that won the American Publishers Association award for the best hard media in science & mathematics in 1998. Since 1995 he has served as the Editor-in-Chief of the most prestigious journal in the field, Otolaryngology & Neurotology. He is also immediate President of the American Neurotology Society. Dr Jackler’s wife Laurie is an artist. Together they have 4 teenage children.



PAST HONORED GUESTS

1990	Edwin W. Cocke Jr., MD	2000	Derald E. Brackmann, MD
1991	Leonard I. Malis, MD		Peter J. Jannetta, MD
1992	Madjid Samii, MD	2001	T.A.H (Rab) Hide, FRCS
1993	Michael E. Glasscock III, MD	2002	Wolfgang Draf, MD
1994	Johannes Lang, MD		Albert L. Rhoton Jr., MD
	Robert G. Ojemann, MD		M. Gazi Yasargil, MD
	Kurt F. Schurmann, MD	2003	Paul J. Donald, MD
1995	Peter M. Som, MD	2004	Alfred S. Ketcham , MD
1996	William E. Hitselberger, MD		John S. Lewis, MD
	William F. House, MD	2005	Anthony D. Cheeseman, MD
1997	Ugo Fisch, MD		Alan Hudson, OC
1998	Kil Soo Choi, MD		Joram Raveh, MD, DMD
	Dwight Parkinson, MD		
	Naoaki Yanagihara, MD		

GENERAL INFORMATION

MEETING LOCATION

All scientific sessions for the Annual Meeting of the North American Skull Base Society (NASBS) will be held at the Pointe South Mountain Resort in Phoenix, Arizona.

REGISTRATION

On-site registration for the meeting will be held at the Pointe South Mountain Resort at the following times:

Thursday, February 16	2:00 p.m. – 6:00 p.m.
Friday, February 17	7:00 a.m. – 5:30 p.m.
Saturday, February 18	7:00 a.m. – 5:30 p.m.
Sunday, February 19	7:00 a.m. – 1:00 p.m.

GUEST REGISTRATION

Spouses or guests of registrants, who do not attend the scientific sessions, may register as a guest. The guest registration fee includes the President's Reception, Wine and Cheese Reception, and the Annual Banquet.

EXHIBIT HOURS

Friday, February 17	6:00 p.m. – 8:00 p.m.
Saturday, February 18	7:00 a.m. – 3:30 p.m.
Sunday, February 19	7:00 a.m. – 3:30 p.m.

SPEAKER READY ROOM

A Speaker Ready Room, located in East Courtroom 3A, will be available for the use of all presenters. You are urged to visit the Speaker Ready Room to reconfirm your audio/visual needs and review your presentation. An audio/visual technician will be available to assist you. Hours of operation:

Friday, February 17	7:30 a.m. – 5:30 p.m.
Saturday, February 18	7:00 a.m. – 5:30 p.m.
Sunday, February 19	7:00 a.m. – 3:00 p.m.

DISCLOSURE OF COMMERCIAL RELATIONSHIPS

As a sponsor accredited by the Accreditation Council for Continuing Medical Education, the Society and the Continuing Medical Education Committee of the North American Skull Base Society must insure balance, independence, objectivity, and scientific rigor in all its individually sponsored or jointly sponsored educational activities. All speakers and faculty participating in a sponsored activity are expected to disclose to the activity audience any significant financial interest or other relationship (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and (2) with any commercial supporters of the activity (significant financial interest or other relationship can include such things as grants or research support, employee, consultant, major stock holder, member of speakers bureau, etc.) The intent of this disclosure is not to prevent a speaker with a significant financial or other relationship from making a presentation, but rather to provide listeners with information on which they can make their own judgments. It remains for the audience to determine whether the speaker's interests or relationships may influence the presentation with regard to exposition or conclusion. Presenters are also expected to disclose if their presentation includes discussion of any pharmaceutical products or medical devices that are considered investigational (not FDA approved use; "off label").

MEMBERSHIP IN THE NORTH AMERICAN SKULL BASE SOCIETY

The fee for membership in the North American Skull Base Society is \$275.00 per year. Membership in the society includes a discounted fee to the annual meeting, practical courses, the society newsletter, and the journal *Skull Base: An Interdisciplinary Approach*. For information on joining NASBS, please see pages 41–42 of this program, call the society's headquarters at 703-437-4377 or visit the website at www.nasbs.org.

GENERAL INFORMATION

SUPPORT TO THE SOCIETY

We gratefully acknowledge the following companies for providing financial support for the Annual Meeting:

Aesculap, Inc.
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ANNUAL MEETING EDUCATIONAL OBJECTIVES

Through participation in this Annual Meeting, members of the North American Skull Base Society and other attendees will have the opportunity to:

- Recount the history of skull base surgery and its origins;
- Discuss the education of our residents and fellows in skull base surgery;
- Recognize the potential complications of skull base surgery with particular emphasis on identifying pre-operative risk factors and intra-operative warning signs;
- Describe the importance of short-term care and recognize the potential and limitations in long-term rehabilitation for patients with skull base lesions;
- Explore the trends and directions of the future that will change the face of skull base surgery.

CME ACCREDITATION

The North American Skull Base Society is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. The NASBS designates Category 1 credit towards the AMA Physician's Recognition Award for the Annual Meeting for up to 22 hours, which does not include the Pre-Meeting Courses. Each physician should claim only those hours of credit that they actually spent in the educational activity.

BADGES

Badges should be worn at all times during scheduled meeting activities. Your badge is your admission pass for all meeting sessions, social events, and exhibit hall.

MEETING LANGUAGE

The language used at the meeting will be English.

SMOKING

Smoking is not permitted in any room or area in which a meeting is sponsored or an organized activity is held. This prohibition includes the registration area, the exhibit hall, and rooms in which meetings and social events are held.

GENERAL INFORMATION



PRE-MEETING COURSES

February 16, 2006

The two half-day pre-meeting courses will be held at the Barrow Neurological Institute (BNI). The courses include a half-day Endoscopic Course and a half-day Practical Course.

TRANSPORTATION

The courses will be held at Barrow Neurological Institute. Transportation will be provided between the Pointe South Mountain Resort and BNI.

BADGES

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Advanced Fully Endoscopic Approaches to the Skull Base

THURSDAY, FEB. 16, 8 AM-12 NOON

Course Directors

Ricardo Carrau MD
Amin Kassam MD, FRCS(C)
Carl Snyderman MD

Faculty:

Vijay Anand, MD
Charles Agbi, MD
William Couldwell, MD
Luis Carlos de Alencastro, MD
James Evans, MD
Ehab Hanna, MD
Andre Lamothe, MD
J.A. Landerio, MD
Dan Kelly, MD
Peter Nakaji, MD
Thomas O'rigitano, MD
Gail Rosseau, MD
Theodore Schwartz, MD



OBJECTIVES: To become familiar with fully endoscopic transnasal intra and extradural approaches to the ventral skull base.

SPECIFICS: Modular approaches to the pituitary fossa, anterior cranial base, clivus and the odontoid will be covered with hands on dissections. Critical equipment and instrumentation specific for endoscopic approaches will be available at each workstation. Fundamental anatomic relationships for each module will be reviewed. Stations will be proctored by experienced endoscopic surgeons.

PRE-MEETING COURSES

Standard Approach – Orbital Zygomatic Posterior Petrosectomy

THURSDAY, FEB. 16, 1 PM–5 PM

Course Directors

Jacques Morcos, MD
Joseph Zabranski, MD

Faculty:

Saleem Abdulrauf, MD
Antonio Aversa, MD
Deepak Awasthi, MD
Miguel Melgar, MD
Nicholas Bambakidis, MD
Mustafa Baskaya, MD
Luis Borba, MD
C. Phillip Daspit, MD
Johnny Delashaw, MD
John Diaz Day, MD

James Evans, MD
Rick Friedman, MD
John Golfinos, MD
Murali Guthikonda, MD
Carl Heilman, MD
Ali Krisht, MD
Jose Landeiro, MD
Sean McMenomey, MD
Miguel Melgar, MD
Gary Moore, MD

Iris Moore, MD
Peter Nakaji, MD
Randall Porter, MD
Marc Schwartz, MD
Mitesh Shah, MD
Mark Sims, MD
B. Gregory Thompson, MD
John Wanebo, MD
Peter Weisskopf, MD



Orbitozygomatic Approaches

1:00 – 1:15 pm Mustafa Baskaya
Two Piece OZ Approach
1:15 – 1:30 pm Joseph Zabranski
Modified and Mini OZ Approaches
1:30 – 3:00 pm Practical Hands-On Laboratory OZ Approaches

Posterior Petrosal Approaches

3:00 – 3:15pm Jacques Morcos
Neurosurgical Approaches
3:15 – 3:30pm Sean McMenomey
Otolaryngology Approaches
3:30 – 5:00pm Practical Hands-On Laboratory
Posterior Petrosal Approach

18th Annual Meeting
Chicago, IL
Westin Michigan Avenue
May 24-28, 2007

Photo Credit: Mike Gershow

NASBS SCIENTIFIC PROGRAM

THURSDAY, FEBRUARY 16, 2006

2:00 pm–6:00 pm **Registration Open**
(East Registration Desk)

6:00 pm–8:00 pm **Presidents Welcome Reception**
(East Terrace)

FRIDAY, FEBRUARY 17, 2006

7:00 am–5:30 pm **Registration Open**
(East Registration Desk)

7:00 am–7:45 am **Breakfast Seminar #1**
(Apache Room) **Radiosurgery and Neuroradiological Advances**
Art Dublin (Moderator), Suresh Mukherji and Dheerendra Prasad

(Bisbee Room) **Breakfast Seminar #2**
 Anterior Circulation Aneurysm
Joseph Zabramski (Moderator), Mario Zuccarello, Yoko Kato, and Siviero Agazzi

(Copper Room) **Breakfast Seminar #3**
 Hearing Preservation and Acoustic Neuromas
Dan Pieper (Moderator), Randall Porter, Ryojo Akagami, Suresh Nair

PLENARY SESSION #1

8:00 am–8:05 am **Opening Remarks by the NASBS President: Anil Nanda**
(Estrella/Hopi)

8:05 am–8:30 am **History of Skull Base Surgery**
(Estrella/Hopi) James Goodrich

8:30 am–9:30 am **Panel Discussion #1: Acoustic Neuroma Current Management**
(Estrella/Hopi) Michael Link (Moderator), Sean McMenomey, Bruce Pollock, and Jens Thompson

9:30 am–10:00 am **Honored Guest Speaker: Robert Jackler**
(Estrella/Hopi) **Art of Skull Base Surgery**
Professor and Chairman of Otolaryngology
Stanford University

10:00 am–10:30 am **Refreshment Break**
(Lower Lobby)

10:30 am–11:30 am **Concurrent Sessions**
(Estrella/Hopi) **Panel Discussion #2: Complications of Head and Neck Surgery**
Guy Petruzzelli (Moderator), Mark Bilsky, John Coleman and Dennis Kraus

(Apache/Bisbee) **Panel Discussion #3: Cranio Vertebral Junction and Clivus Tumors**
Chandranath Sen (Moderator), Richard Ellenbogen, Norbert Liebsch, and Hae-Dong Jho



NASBS SCIENTIFIC PROGRAM

11:30 am–11:40 am
(Estrella/Hopi)

Research Protocol
Ehab Hanna and Sandeep Samant

11:40 am–11:45 am
(Estrella/Hopi)

Resident Awards

11:45 am–12:00 noon
(Estrella/Hopi)

What's New in the Industry
Carl Heilman

12:00 noon–1:00 pm
(Palm Court)

**Lunch and Annual Business Meeting
(NASBS Members Only)**

1:00 pm–3:00 pm
(Estrella/Hopi)

**Preferred Papers – Oral Presentations
Scientific Session A-1
Abstracts #1-14**

Moderators: Saurin Popat, MD and Thom Loree, MD

1:00 pm–1:21 pm

Abstract #1
Skull Base Surgery for Malignancy: When Not To Operate
Paul J. Donald, MD, FRCSC (presenter), (Sacramento, USA)

1:21 pm–1:28 pm

Abstract #2
Extent of Surgery in the Management of Locally Advanced Sinonasal Malignancies
Vicente A. Resto, MD, PhD (presenter), Annie W. Chan, MD, Daniel D. Deschler, MD, Mark A. Varvares, MD and Derrick T. Lin, MD (Boston, USA)

1:28 pm–1:35 pm

Abstract #3
Outcomes for Endoscopic Resection of Sinonasal Squamous Cell Carcinoma
Pete S. Batra, MD (presenter), Taha Z. Shipchandler MD, Martin J. Citardi MD, Donald C. Lanza, MD (Cleveland, USA)

1:35 pm–1:42 pm

Abstract #4
Endoscopic Anterior Craniofacial Resection for the Management of Sinonasal Malignancies
Umamaheswar Duvvuri, MD, PhD (presenter), Ricardo L. Carrau, MD, Carl H. Snyderman, MD, Amin B. Kassam, MD and Arlan Mintz, MD (Pittsburgh, USA)

1:42 pm–1:49 pm

Abstract #5
Prognostic Significance of Transdural Invasion of Skull Base Malignancies Undergoing Craniofacial Resection
Iman Feiz-Erfan, MD (presenter), Indro Chakrabarti, MD, Ganesh Rao, MD, Ehab Hanna, MD, and Franco DeMonte, MD (Phoenix, USA)

1:49 pm–1:56 pm

Abstract #6
Efficacy of Trans-Septal Trans-Sphenoidal Surgery in Correcting Visual Symptoms Caused by Hematogenous Metastases to the Sella and Pituitary Gland
Iman Feiz-Erfan, MD (presenter), William L. White, MD and Ian E. McCutcheon, MD (Phoenix, USA)



NASBS SCIENTIFIC PROGRAM

- 1:56 pm–2:03 pm **Abstract #7**
Early Outcome after Craniofacial Resection of Malignant Tumors Performed by Junior Neurosurgical Faculty
Sujit S. Prabhu, MD (presenter), Iman Feiz-Erfan, MD and Franco DeMonte, MD (Houston, USA)
- 2:03 pm–2:10 pm **Abstract #8**
Dose Escalation with Proton Radiotherapy for Skull Base Adenoid Cystic Carcinoma
Annie W. Chan, MD (presenter), Pascal Pommier, MD, Nobert Liebsch, MD, Daniel G. Deschler MD, Derrick T. Lin MD, James F. McIntyre MD, Allan F. Thornton MD, Mark Varvares MD and Annie W. Chan MD (Boston, USA)
- 2:10 pm–2:17 pm **Abstract #9**
Cytogenetic Analysis of 104 Skull Base Tumors
Ziv Gil, MD, PhD (presenter), Dan M Fliss, MD and Avi Orr Urtreger (Tel Aviv, Israel)
- 2:17 pm–2:21 pm **DISCUSSION**
- 2:21 pm–2:28 pm **Abstract #10**
Decompression of Cavernous Sinus Meningioma for Preservation and Improvement of Cranial Nerve Function
William T. Couldwell, MD, PhD (presenter), Peter Kan, MD, James K. Liu, MD and Ronald I. Apfelbaum, MD (Salt Lake City, USA)
- 2:28 pm–2:35 pm **Abstract #11**
Intratemporal Grafting of the Facial Nerve Following Lateral Skull Base Tumor Resection
John P. Leonetti, MD (presenter), Douglas E. Anderson, MD, Sam J. Marzo, MD, Thomas C. Origitano, MD, PhD, and Guy J. Petruzzelli, MD, PhD (Maywood, USA)
- 2:35 pm–2:42 pm **Abstract #12**
Facial Reanimation Using Hypoglossal-Facial Jump Interpositional Graft with Excellent Glossal Function after Using Electrical-stimulation Therapy
Kavita Malhotra, MD (presenter), Anil Nanda, MD, FACS, Sheng Yin and Cherie-Ann Nathan, MD, FACS (Shreveport, USA)
- 2:42 pm–2:49 pm **Abstract #13**
Endonasal Trans-Sphenoidal Surgery: The Patient's Perspective – Survey Results from 259 Patients
Joshua R. Dusick, MD (presenter), Felice Esposito, MD, Charlene Chaloner, RN, David L. McArthur, PhD, MPH and Daniel F. Kelly, MD (Los Angeles, USA)
- 2:49 pm–2:56 pm **Abstract #14**
Quality of Life Following Surgery for Anterior Skull Base Tumors
Ziv Gil, MD PhD (presenter), Dan M Fliss, MD (Tel Aviv, Israel)
- 2:56 pm–3:00 pm **DISCUSSION**

NASBS SCIENTIFIC PROGRAM

1:00 pm–3:00 pm
(Apache/Bisbee)

Preferred Papers – Oral Presentations
Scientific Session A-2
Abstracts #15-30

Moderators: Dennis Kraus and Mario Zuccarello

1:00 pm–1:07 pm

Abstract #15
Paraclinoidal Aneurysms: Surgical Results

Prasad Vannemreddy, MCh (Shreveport, USA) (presenter), Anil Nanda, MD, FACS

1:07 pm–1:14 pm

Abstract #16
Predictive Parameters for Approaches to Basilar Apex Aneurysms

Khaled Aziz, MD, PhD (presenter), Nicholas B. Levine, MD, Chiraz Chaalala, MD, Harry R. van Loveren, MD, Jeffrey T. Keller, PhD and Mario Zuccarello, MD (Cincinnati, USA)

1:14 pm–1:21 pm

Abstract #17
Quantification of Increased Basilar Artery Proximal Control Obtained by Transecting the Tentorium in a Subtemporal Approach

Eric H. Sincoff, MD (presenter), Gregory J. Anderson, PhD, IL. M. Ghim, MD, Sean O. McMenomey, MD and Johnny B. Delashaw, MD (Portland, USA)

1:21 pm–1:28 pm

Abstract #18
Anatomical and Quantitative Description of the Transcavernous Approach for Basilar Artery Aneurysms

Joseph M. Zabramski, MD (presenter), Eberval G. Figueired, MD, Pushpa Deshmukh, PhD, Neil R. Crawford, PhD, Mark C. Preul, MD and Robert F. Spetzler, MD (Phoenix, USA)

1:28 pm–1:35 pm

Abstract #19
Management of Carotid Artery Injury during Endoscopic Surgery

Carl Snyderman, MD (presenter), Hakan Cincik, MD, Amin Kassam, MD, Ricardo Carrau, MD and Arlan Mintz, MD (Pittsburgh, USA)

1:35 pm–1:42 pm

Abstract #20
Carotid Artery Injuries in Trans-Sphenoidal Surgery – Minimizing Risk with the Microdoppler Probe and Angled Micro-KZnives

Joshua R. Dusick, MD (presenter), Felice Esposito, MD and Daniel F. Kelly, MD (Los Angeles, USA)

1:42 pm–1:49 pm

Abstract #21
Submandibular-Infratemporal Carotid Artery Bypass for Skull Base Tumors and Giant Aneurysms

James K. Liu, MD (presenter), Amin Amini, MD, MSc, Peter Kan, MD and William T. Couldwell, MD, PhD (Salt Lake City, USA)

1:49 pm–1:56 pm

Abstract #22
High-Flow Facial and Skull Base Lesions Resected Using Cardiopulmonary Bypass

Ian T. Jackson, MD (presenter), Christie Becker, MD, Alfredo Lazo, MD and Barbara Beal, RN (Southfield, USA)

NASBS SCIENTIFIC PROGRAM

- 1:56 pm–2:03 pm **Abstract #23**
Transorbital Percutaneous Approach for Embolization of Carotid Cavernous Fistula
Steven A. Newman, MD (presenter), Mary Lee Jensen, MD, Avery Evans, MD and Jacques Dion, MD (Charlottesville, USA)
- 2:03 pm–2:10 pm **Abstract #24**
Treatment of Chronic Subdural Hematomas by Clipping of Arteria Meningia Media
Kerem Bikmaz, MD (presenter), Celal Iplikcioglu, MD, Cem Dinc, MD and Mahmut Arslan, MD (Okmeydani, Turkey)
- 2:10 pm–2:17 pm **Abstract #25**
The Anterior Third of the Sagittal Sinus: Anatomical Study and Neurosurgical Importance
Cassius Vinicius C. Reis, MD (presenter), Joseph M. Zabramski, MD, Marcelo Crusius, MD, Pushpa Deshmukh, PhD, Mark C. Preul, MD and Robert F. Spetzler, MD (Phoenix, USA)
- 2:17 pm–2:21 pm **DISCUSSION**
- 2:21 pm–2:28 pm **Abstract #26**
Perioperative Pain Management in Patients Undergoing Skull Base Tumor Resection
W. Scott Jellish, MD, PhD (presenter), John P. Leonetti, MD, Sam Marzo, MD and Douglas Anderson, MD (Maywood, USA)
- 2:28 pm–2:35 pm **Abstract #27**
The Multidisciplinary Management of Skull Base Lesions
Sean S. Armin, MD (presenter), Todd Miller, MD, John Kim, MD, Lilia Loreda, MD, George Luh, MD and Frank P.K. Hsu, MD, PhD (Loma Linda, USA)
- 2:35 pm–2:42 pm **Abstract #28**
A Standardized Regimen of Antibiotics Prevents Infectious Complications in Skull Base Surgery
Dennis H. Kraus, MD (presenter), Mithat Gönen, PhD, David Mener, Jatin P. Shah, MD, Arthur E. Brown, MD and Mark H. Bilsky, MD (New York, USA)
- 2:42 pm–2:49 pm **Abstract #29**
Comparison of Single Layer Closure for Craniotomy/Craniofacial Surgeries Provide Better Aesthetic Outcome Compared to the Standard Double Layer Closure of the Incision
Shelly Bansal, MD (presenter), Y.S. Mohan, MD, MS, C.N. Rao, MD, Andrew Lofman, MD, Gustavo Bello-Rojas, MD and I.T. Jackson, MD FRCS, DSc (Southfield, USA)
- 2:49 pm–2:56 pm **Abstract #30**
Skull Base Surgery Mailing List, an International Electronic Mailing List for Skull Base Surgeons: Activities for 2000- 2005
G. Narenthiran, BSc, MB, ChB, MRCSE (presenter), AT King, MB, BS, FRCS(SN) and J Thom, MSc (Salford, United Kingdom)
- 3:00 pm–3:30 pm **Refreshment Break**
(Lower Lobby)

NASBS SCIENTIFIC PROGRAM

PLENARY SESSION #2

3:30 pm–4:30 pm

(Estrella/Hopi)

Panel Discussion #4: Training Our Residents and Fellows in Skull Base Surgery in an 80-Hour Week

Ed Vates (Moderator), Paul Donald, Steve Giannotta, Doug Mattox, and Jon Robertson

4:30 pm–5:30 pm

(Estrella/Hopi)

Concurrent Sessions

Panel Discussion #5: Transfacial Approaches

Franco DeMonte (Moderator), Ziv Gil, Ehab Hanna, and Chris Rassekh

(Apache/Bisbee)

Panel Discussion #6: Giant Aneurysms

Julian Bailes (Moderator), Johnny Delashaw, Steve Giannotta, Laligam Sekhar

5:30 pm–6:00 pm

(Estrella/Hopi)

Humanism in Skull Base Lecture: “The Art of Happiness”

Howard Cutler, MD

6:00 pm–8:00 pm

(Pointe Park Pavilion)

Wine and Cheese Reception - Exhibit Hall Opens

SATURDAY, FEBRUARY 18, 2006

7:00 am–7:45 am

(Apache Room)

Breakfast Seminar #4

Microvascular Decompression

Tetsuo Kanno (Moderator), Jeff Brown, Mark McLaughlin, and Dan Resnick

(Bisbee Room)

Breakfast Seminar #5

Robotics and Technological Innovations in Skull Base Surgery

Michael Schuller (Moderator), Burt O’Malley, Cherie-Ann Nathan, and Charles Prestigiacomo

(Copper Room)

Breakfast Seminar #6

Skull Base Trauma

Kurt Laedrach (Moderator), John Lancon, and Eric J. Moore

PLENARY SESSION #3

8:00 am–8:20 am

(Estrella/Hopi)

History and Education of Skull Base Anatomy

Albert L. Rhoton, Jr., MD

8:20 am–9:20 am

(Estrella/Hopi)

Concurrent Sessions

Panel Discussion #7: Cavernous Sinus Approaches

Mark Linskey (Moderator), Ali Krisht, Jeff Keller, Harry vanLovern, and Jason Sheehan

(Apache/Bisbee)

Panel Discussion #8: Reconstructive Surgery of the Skull Base: Current Approaches and Future Techniques

Peter Neligan (Moderator), Peter Cordeiro, and Andy Sloan

9:20 am–9:40 am

(Estrella/Hopi)

Presidential Address: Anil Nanda

Skull Base Surgery: Hubris and Humility

9:40 am–10:00 am

(Pointe Park Pavilion)

Refreshment Break in the Exhibit Hall



NASBS SCIENTIFIC PROGRAM

10:00 am–10:30 am
(Estrella/Hopi)

Honored Guest Speaker: Robert Spetzler
Skull Base Approaches to Vascular Lesions
J.N. Harber Chairman of Neurological Surgery
Director of Barrow Neurosurgical Associates

PLENARY SESSION #4

10:30 am–12:00 noon
(Estrella/Hopi)

Concurrent Sessions

1st Annual Sugita World Educational Video Symposium – Masters Presentation

Coordinated by: Thomas Oritano

10:30 am – 10:40 am

Introduction/Welcome and Brief Biography of Professor Kenichiro Sugita
Thomas Oritano and Kazuhiro Hongo

10:40 am – 10:50 am

Transcochlear Approach, Cardiac Standstill and Clip Ligation of Giant Mid-Basilar Segment Aneurysm
Robert Spetzler, MD and Vivek Deshmukh, MD

10:50 am – 11:00 am

Fronto-orbito-zygomatic Approach to Basilar Apex and MCA Aneurysms: A case report
Jie Tang, MD and Anil Nanda, MD

11:00 am – 11:10 am

Usefulness of Suction Decompression Method during Clipping Procedure for Large and Giant Paraclinoid IC Aneurysms
Isao Date, MD and Koji Tokunaga, MD

11:10 am – 11:20 am

Nuances of Operative Techniques in Microvascular Decompression of the Cranial Nerves
Peter Jannetta, MD

11:20 am – 11:30 am

The Middle Cranial Fossa Approach
Derald Brackmann, MD

11:30 am – 11:40 am

Mandibulotomy Approach to the Infratemporal Fossa
Jatin Shah, MD

11:40 am – 11:50 am

Microsurgical Resection of Acoustic Schwannomas
Tomio Sasaki, MD, PhD

11:50 am – 12 noon

Extradural Approach to the Cavernous Sinus and Clivas via a Modified Orbit-Zygomatic Craniotomy
Eric H. Sincoff, MD, Sean McMenomey, MD and Johnny B. Delashaw, MD

11:00 am–12:00 noon
(Apache/Bisbee)

Concurrent Sessions

Panel Discussion #9: Pituitary Tumors

John Jane, Jr. (Moderator), William Couldwell, Luigi Cavallo, and Nelson Oyesiku

12:00 noon–12:30 pm
(Estrella/Hopi)

Speaker: Peter Jannetta
Microvascular Decompression: Past, Present, and Future

12:30 pm–1:30 pm
(Pointe Park Pavilion)

Lunch in the Exhibit Hall



NASBS SCIENTIFIC PROGRAM

1:30 pm–3:30 pm
(Estrella/Hopi)

Proffered Papers – Oral Presentations
Scientific Session B-1
Abstracts #31-47

Moderators: Michael Link and Colin Driscoll

1:30 pm–1:37 pm

Abstract #31
Length of Tumor-Cochlear Nerve Contact and Hearing Outcome after Surgery for Vestibular Schwannoma

Raymund L. Yong, MD (presenter), Brian D. Westerberg, MD, FRCSC and Ryojo Akagami, MD, FRCSC (Vancouver, Canada)

1:37 pm–1:44 pm

Abstract #32
Gender as a Predictor of Hearing Preservation Outcome in Acoustic Neuroma Surgery

David W. Rowed, MD, FRCSC (presenter), Julian M Nedzelski, MD, FRCSC, Joseph M Chen, MD, FRCSC and David A Houlden, PhD (Toronto, Canada)

1:44 pm–1:51 pm

Abstract #33
Can You Hear Me Now? Long-Term Hearing Preservation in Intracanalicular Vestibular Schwannoma

Stephen J. Haines, MD (presenter), Samuel C. Levine, MD and Scott G. Turner, MD (Minneapolis, USA)

1:51 pm–1:58 pm

Abstract #34
Intra-operative Monitoring of Transcranial Electrical Motor Evoked Potentials for Facial Nerve Preservation during Microsurgery for Acoustic Neuromas: An Observational Cohort Study

Salvatore Di Maio, MDCM (presenter), Charles Dong, PhD and Ryojo Akagami, MD, M.H.Sc., B.Sc. (Vancouver, Canada)

1:58 pm–2:05 pm

Abstract #35
Surgical Results in 244 Cases of Acoustic Tumors

Tomio Sasaki, MD, PhD (presenter), Kimiaki Hashiguchi, MD (Higashi-ku, Japan)

2:05 pm–2:12 pm

Abstract #36
Rates of Recurrence, Residual Tumor, and Re-operation and SRS in a Consecutive Series of 540 Patients with Acoustic Neuroma, 1988-2005

Douglas Anderson, MD (presenter), John Leonetti, MD, Denise Cribari, BSN, RN and Erin Schilling, MSN, CNP (Maywood, USA)

2:12 pm–2:19 pm

Abstract #37
Long-Term Radiologic Follow-Up of Tumor Remnants after Subtotal Resection of Acoustic Neuromas

Fred G. Barker, MD (presenter), Steven N. Kalkanis, MD, Michael J. McKenna, MD, Dennis S. Poe, MD, Joseph B. Nadol, Jr., MD and Robert G. Ojemann, MD (Boston, USA)

2:19 pm–2:26 pm

Abstract #38
Analysis of Nervus Intermedius Function Following Microsurgical Resection of Large Acoustic Tumors

Douglas Anderson, MD (presenter), John Leonetti, MD (Maywood, USA)

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- 2:26 pm–2:33 pm **Abstract #39**
Hydroxyapatite Bone Cement Reconstruction of the Porus Acusticus Reduces Cerebrospinal Fluid Rhinorrhea Following Acoustic Neuroma Surgery
Clinton Baird, MD (presenter), Alia Hdeib, BS and Donlin M. Long, MD, PhD (Baltimore, USA)
- 2:33 pm–2:40 pm **Abstract #40**
Incidence and Clinical Characteristics of Acoustic Neuroma in Beverly Hills
Marc S. Schwartz, MD (presenter), Laurel M. Fisher, PhD (Los Angeles, USA)
- 2:40 pm–2:47 pm **Abstract #41**
Surgical Treatment of Skull Base Meningiomas: Risk Factors and Strategy of Treatment
Yuri Aimi, MD (presenter), Kiyoshi Saito, Takeshi Okada, Masahiro Ichikawa, Tetsuya Nagatani and Jun Yoshida (Nagoya, Japan)
- 2:47 pm–2:54 pm **Abstract #42**
Outcomes Following Purely Endoscopic, Expanded Endonasal Resection of Anterior Skull Base Meningiomas
Paul A. Gardner, MD (presenter), Amin B. Kassam, MD, Carl Snyderman, MD, Ricardo Carrau and Arlan Mintz, MD (Pittsburgh, USA)
- 2:54 pm–3:01 pm **Abstract #43**
Surgical Management of Tuberculum Sellae Meningiomas
Ahmed Ganna, MD (presenter), Fred Gentili, MD and Masahiko Akiyama, MD (Toronto, Canada)
- 3:01 pm–3:08 pm **Abstract #44**
Microsurgical Treatment of Tuberculum Sellae Meningiomas
Shen Jiankang, MD (presenter), Zhao Weiguo, MD, Bian Liuguan, MD (Shanghai, P.R. China)
- 3:08 pm–3:15 pm **Abstract #45**
Surgical Experience in 54 Midline Anterior Cranial Base Meningiomas
Emilio C. Tayag, MD (presenter), Miguel A. Melgar, MD, PhD (New Orleans, USA)
- 3:15 pm–3:22 pm **Abstract #46**
Spheno-Orbital Meningiomas: Radiographic Findings, Surgical Management, Histopathology, and Clinical Outcomes
Michael R. Chicoine, MD (presenter), Sara C. Jost, MD, Phillip Custer, MD, Arie Perry, MD, Franz Wippold, MD and Joseph Simpson, MD, PhD (St. Louis, USA)
- 3:22 pm–3:29 pm **Abstract #47**
Alternative Surgical Approaches in the Treatment of Petroclival Meningiomas
Nicholas C. Bambakidis, MD (presenter), U. Kumar Kakarla, MD, Pankaj A. Gore, MD, L. Fernando Gonzalez, MD, Louis J. Kim, MD, Peter Nakaji, MD, Randall W. Porter, MD, C. Phillip Daspit, MD, Robert F. Spetzler, MD (Phoenix, USA)

NASBS SCIENTIFIC PROGRAM

1:30 pm–3:29 pm
(Apache/Bisbee)

Preferred Papers – Oral Presentations
Scientific Session B-2
Abstracts #48-64

Moderators: John Leonetti and Phil Theodosopoulos

1:30 pm–1:37 pm

Abstract #48

Lower Island Trapezius Flap Reconstruction of Lateral Skull Base Defects

Becky L. Massey, MD (presenter), Jason P. Hunt, MD and James L. Netterville, MD (Nashville, USA)

1:37 pm–1:44 pm

Abstract #49

The Use of the Occipital Scalp Rotational Flap for Reconstruction after Lateral Temporal Bone Resection

Michael G. Moore, MD (presenter), Derrick T. Lin, MD, Michael J. McKenna, MD, FACS, Anthony A. Mikulec, MD and Mark A. Varvares, MD, FACS (Boston, USA)

1:44 pm–1:51 pm

Abstract #50

Hearing Rehabilitation after Lateral Skull Base Surgery

Sam J. Marzo, MD (presenter), John P. Leonetti, MD (Maywood, USA)

1:51 pm–1:58 pm

Abstract #51

Occult Skull Base Tumors Masquerading as Trigeminal Neuralgia

John P. Leonetti, MD (presenter), Douglas E. Anderson, MD, Sam J. Marzo, MD, Thomas C. Origitano, MD, PhD and Guy J. Petruzzelli, MD, PhD (Maywood, USA)

1:58 pm–2:05 pm

Abstract #52

Mechatronic Assistance in the Surgery of Petrous Bone: First Experiences with a Navigation-Controlled Drill

Gero Strauss, MD (presenter), Kirill Koulechov, PhD, Mathias Hofer, MD, Andreas Dietz, MD, PhD, Christos Trantakis, MD, Juergen Meixensberger, MD, PhD and Tim Lueth, PhD (Leipzig, Germany)

2:05 pm–2:12 pm

Abstract #53

Analytical Evaluation of Transpetrosal Surgical Avenues to the Petroclival Region

Antonio Bernardo, MD (presenter), Howard A. Riina MD and Philip E. Stieg, PhD, MD (New York, USA)

2:12 pm–2:19 pm

Abstract #54

Evaluation of Epithelial Proliferation in Pediatric and Adult Cholesteatoma Using MIB- 1 Antibody- A Comparative Study

Suresh C. Sharma, MS (presenter), Kapil Sikka, MB, BS, A.Thakar, MS and S. Datta Gupta, MD (New Delhi, India)

2:19 pm–2:26 pm

Abstract #55

Outcomes Following Purely Endoscopic, Endonasal Resection of Pituitary Adenomas: A Case Series

Paul A. Gardner, MD (presenter), Amin B. Kassam, MD, Carl Snyderman, MD, Ricardo Carrau and Arlan Mintz, MD (Pittsburgh, USA)

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- 2:26 pm–2:33 pm **Abstract #56**
Suboptimal Sphenoid and Sellar Exposure: A Common Theme in Patients Treated with Repeat Trans-Sphenoidal Surgery for Residual Macroadenomas
Carlos A. Mattozo, MD (presenter), Joshua R. Dusick, MD, Felice Esposito, MD, Hugo Mora, MD, Pejman Cohan, MD, Dennis Malkasian, MD, PhD and Daniel F. Kelly, MD (Los Angeles, USA)
- 2:33 pm–2:40 pm **Abstract #57**
Treatment Strategies for the Treatment of Giant Pituitary Adenomas
Bhawani S. Sharma, MCh (presenter), S. Sinha, MCh, P. Pandey, MCh, C. Sarkar, MD, V.S. Mehta, MCh (New Delhi, India)
- 2:40 pm–2:47 pm **Abstract #58**
Pituitary Adenomas Invading the Sphenoid Sinus
Junko Matsuyama, MD (presenter), Yasuhiro Harada, MD (Okayama City, Japan)
- 2:47 pm–2:54 pm **Abstract #59**
Phodiagnosis and Photodynamic Therapy in Pituitary Tumours
M. Sam Eljamel, MBBCh, MD, FRCS (presenter), Roland Jung, MA, MD, FRCP (Lon), FRCP (Edi), Graham Leese, MD, FRCP (Edi) and Harry Moseley, BSc, PhD, FInstP, FIPEM (Dundee, UK)
- 2:54 pm–3:01 pm **Abstract #60**
Endoscopic Power-Assisted Orbital Exenteration
Pete S. Batra, MD (presenter), Donald C. Lanza, MD (Cleveland, USA)
- 3:01 pm–3:08 pm **Abstract #61**
Endoscopic Assisted Transorbital, Transethmoid, Trans-Sphenoid Approach for Optic Nerve Decompression
Ashraf Hassan, MD (presenter), Pushpa Deshmukh, PhD, Mark C. Preul, MD and Harold Rekate, MD (Phoenix, USA)
- 3:08 pm–3:15 pm **Abstract #62**
Visual Findings in Patients Undergoing Endoscopic Resection of Mid Skull Base Lesions
Steven A. Newman, MD (presenter), John Jane, Jr., MD (Charlottesville, USA)
- 3:15 pm–3:22 pm **Abstract #63**
Ophthalmic Manifestations of Patients Undergoing Stereotactic Radiosurgery for Intracranial Pathology
Steven A. Newman, MD (presenter), Elena Drudy, MD, Jason Sheehan, MD and Ladislau Steiner, MD (Charlottesville, USA)
- 3:22 pm–3:29 pm **Abstract #64**
Variations in Hypertelorism Correction
Ian T. Jackson, MD (presenter), (Southfield, USA)

NASBS SCIENTIFIC PROGRAM

1:30 pm–3:29 pm
(Copper/Diablo)

Preferred Papers – Oral Presentations
Scientific Session B-3
Abstracts #65-81

Moderators: Fred Gentili and John Golfinos

1:30 pm–1:37 pm

Abstract #65

Acquisition of Surgical Skills for Endonasal Brain Surgery

Carl Snyderman, MD (presenter), Amin Kassam, MD, Ricardo Carrau, MD and Arlan Mintz, MD (Pittsburgh, USA)

1:37 pm–1:44 pm

Abstract #66

Evidence for a ‘Learning Curve’ Was Sought after Neuronavigation–Guided Endoscopic Trans-Sphenoidal Surgery Was Introduced in Our Unit.

Ian H. Sabin, FRCS (presenter), Shabin M. Joshi, FRCS, Gus Alusi, PhD, FRCS and JP Monson, FRCP (London, United Kingdom)

1:44 pm–1:51 pm

Abstract #67

Endoscopic Extended Trans-Sphenoidal Trans-Planum Approach for Resection of Suprasellar Lesions

Abtin Tabae, MD (presenter), Ilya Laufer, MD, Vijay K. Anand, MD, and Theodore H. Schwartz, MD (New York, USA)

1:51 pm–1:58 pm

Abstract #68

Extended Endonasal Trans-Sphenoidal Approaches for Sellar and Parasellar Tumors

Joshua R. Dusick, MD (presenter), Felice Esposito, MD, Daniel F. Kelly, MD, Pejman Cohan, MD, Antonio DeSalles, MD, Donald P. Becker, MD, Neil A. Martin, MD and Carlos Mattozo, MD (Los Angeles, USA)

1:58 pm–2:05 pm

Abstract #69

Outcomes Following Purely Endoscopic, Expanded Endonasal Resection of Suprasellar Craniopharyngiomas

Paul A. Gardner, MD (presenter), Amin B. Kassam, MD, Carl Snyderman, MD, Ricardo Carrau and Arlan Mintz, MD (Pittsburgh, USA)

2:05 pm–2:12 pm

Abstract #70

Pituitary Surgery: a Comparison between a Multidisciplinary, Multimodal Approach and the Conventional Trans-Septal Approach

Anthony G. Zeitouni, MS, MD (presenter), Richard Leblanc, MSc, MD, Peter M Abou Jaoude and Labib Soualmi, PhD (Montreal, Canada)

2:12 pm–2:19 pm

Abstract #71

A Retrospective Comparison of Endoscopic Assisted versus Purely Endoscopic Approach to Sellar Tumor Resection

Wyatt W. Minet, MD (presenter), Sommer, DD., MD, FRCSC, Murty N., MD, FRCSC, Reddy K., MD, FRCSC, and Midia M., MD, FRCSC (Hamilton, Canada)

2:19 pm–2:26 pm

Abstract #72

Evolution to a Pure Endoscopic Removal of Pituitary Adenomas

Masahiko Akiyama, MD (presenter), Fred Gentili, MD and Ahmed Ganna, MD (Toronto, Canada)

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- 2:26 pm–2:33 pm **Abstract #73**
Role of Endoscopy in the Management of Highly Invasive Fungal Skull Base Lesions
Daniel W. Nuss, MD (presenter), Robert Ostendorf, MD (Lafayette, USA)
- 2:33 pm–2:40 pm **Abstract #74**
Three-Dimensional Computerized Anatomy
Yukinari Kakizawa, MD (presenter), Kazuhiro Hongo and Albert L. Rhoton, Jr., MD (Gainesville, USA)
- 2:40 pm–2:47 pm **Abstract #75**
Is the Cribriform Plate an Effective Border?
Jan Hemza, MD (presenter), Hanzlova J., MD, PhD and Marsik J., Ing, PhD (Brno, Czech Republic)
- 2:47 pm–2:54 pm **Abstract #76**
Significance of the Tentorial Alignment in Approaching the Trigeminal Nerve Through the Suboccipital Retrosigmoid Technique
Burak Sade, MD (presenter), Joung H. Lee, MD (Cleveland, USA)
- 2:54 pm–3:01 pm **Abstract #77**
Importance of the Meckel's Cave Anatomy in Skull Base Surgery
Funda Batay, MD (presenter), Aykut Karasu, MD and Ossama Al-Mefty, MD (Ankara, Turkey)
- 3:01 pm–3:08 pm **Abstract #78**
Endoscopic Endonasal Approaches to the Petrous Apex
Carl Snyderman, MD (presenter), Amin Kassam, MD, Ricardo Carrau, MD and Arlan Mintz, MD (Pittsburgh, USA)
- 3:08 pm–3:15 pm **Abstract #79**
A Clinical and Anatomic Correlation for Resection of Petroclival Chondrosarcomas Using the Expanded Endonasal Approach
Ricky Madhok, MD (presenter), Amin Kassam, MD, Carl H. Snyderman, MD, Ricardo L. Carrau, MD, Paul Gardner, MD and Arlan Mintz, MD (Pittsburgh, USA)
- 3:15 pm–3:22 pm **Abstract #80**
Endoscopic Anatomy of the Extracranial Middle Skull Base
Sandeep Samant, MS, FRCS (presenter), (Memphis, USA)
- 3:22 pm–3:29 pm **Abstract #81**
Comparative Study of Cranial Topographic Procedures for Determination of Central and Lateral Sulci of the Brain: Putting History to the Test
Cassius Vinicius C. Reis, MD (presenter), Pushpa Deshmukh, PhD, Joseph M. Zabramski, MD, Marcelo Crusius, MD, Robert F. Spetzler, MD and Mark C. Preul, MD (Phoenix, USA)

PLENARY SESSION #5

3:30 pm–5:00 pm
(*Estrella/Hopi*)

Concurrent Sessions

Panel Discussion #10: Temporal Bone Malignancies

John Leonetti (Moderator), Gary Moore, Colin Driscoll, Eugene Hug, and Darl Vandevender

(*Apache/Bisbee*)

Panel Discussion #11: Anterior Skull Base Surgery

Mitesh Shah (Moderator), Fred Gentili, Imad Kanaan, and Patrick Gullane

NASBS SCIENTIFIC PROGRAM

6:00 pm–10:00 pm **Annual Reception and Banquet**
(East Terrace)

SUNDAY, FEBRUARY 19, 2006

7:00 pm – 4:00 pm **Registration Open**
(East Registration Desk)

7:00 am–7:45 am **Breakfast Seminar #7**
(Apache Room) **Auditory Brain Stem Implants**
John Golfinos (Moderator), Marc Schwartz, and Richard Ramsden

(Bisbee Room) **Breakfast Seminar #8**
 Petroclival Meningiomas
Caetano Coimbra (Moderator), Ajay Niranjana, Murali Guthikonda, and Chris Bogaev

(Copper Room) **Breakfast Seminar #9**
 Endoscopic Advances
Gail Rosseau (Moderator), Carl Snyderman, Vijay Anand, and Prem Pillay

PLENARY SESSION #6

8:00 am–9:00 am **Panel Discussion #12: Futuristic Techniques: Endoscopic versus Open for**
(Estrella/Hopi) **Anterior Skull Base Tumors**
Jatin Shah (Moderator), Amin Kassam, J.A. Landeiro, Saleem Abdulrauf

9:00 am–10:00 am **Panel Discussion #13: Futuristic Techniques: Management of Cranial Nerve Deficits**
(Estrella/Hopi) Steven Newman (Moderator), James Netteville, Derald Brackmann, and Ian Jackson

10:00 am–10:30 am **Refreshment Break in the Exhibit Hall**
(Pointe Park Pavilion)

PLENARY SESSION #7

10:30 am–11:30 am **Concurrent Sessions**
(Estrella/Hopi) **Panel Discussion #14: Futuristic Techniques: Evidence Based Medicine and Outcome**
 Analysis for Skull Base Tumors
Steve Haines (Moderator), Sandeep Samant, Jung Lee, and Ossama Al-Mefty

(Apache/Bisbee) **Panel Discussion #15: Jugular Foramen Lesions**
Tom Roland (Moderator), Michael Holliday, Jon Robertson, and Luis Borba

11:30 am–12:30 pm **Concurrent Sessions**
(Estrella/Hopi) **Panel Discussion #16: Futuristic Techniques: Molecular Biology: Where Are We Going?**
Robert Rostomily (Moderator), Peter Black and Jeff Bruce

(Apache/Bisbee) **Panel Discussion #17: Complications Avoidance with Anterior Skull Base Lesions**
Daniel Nuss (Moderator), Ricardo Carrau, Charles Rosen, and Jim Evans

12:30 pm–12:50 pm **Speaker: William Wei, MD**
(Apache/Bisbee) **Nasopharyngeal Tumors**
University of Hong Kong Medical Center

NASBS SCIENTIFIC PROGRAM

12:50 pm–2:00 pm
(Pointe Park Pavilion)

Lunch in the Exhibit Hall

2:00 pm–4:00 pm
(Estrella/Hopi)

Concurrent Sessions

1st Annual Sugita World Educational Video Symposium – Masters Presentation
Coordinated by: Kiyoshi Saito, MD and Thomas Oritano, MD

2:00 pm – 2:10 pm

The Expanded Endonasal Approach: From the Crista Galli to the Dens

Amin Kassam, MD

2:10 pm – 2:20 pm

Combined Microsurgical and Endoscopic-Assisted Removal of a Ruptured Dermoid Cyst at the Skull Base

James K. Liu, MD and William T. Couldwell, MD

2:20 pm – 2:30 pm

Resection of Large Olfactory Groove Meningiomas

Mitesh Shah, MD

2:30 pm – 2:40 pm

The Subcranial Approach to the Anterior Skull Base

Dan Fliss, MD

2:40 pm – 2:50 pm

Posterior Zygomatic Subtemporal Transtentorial Approach to the Postero-Lateral Mesencephalon and Superior Cerebellum: Illustrative Cases and Technical Note

Jeroen R. Coppens, MD and Saleem I. Abdulrauf, MD

2:50 pm – 3:00 pm

Transtubercular Surgery Anatomical Preparation and Intra-Operative Dissections

Jack P. Rock, MD

3:00 pm – 3:10 pm

Surgical Technique for Removal of Clinoidal Meningiomas

Joung H. Lee, MD and Burak Sade, MD

3:10 pm – 3:20 pm

Orbitozygomatic Craniotomy: Technique and Variations

S.K. Gupta, MCh, V.K. Khosla, MCh and R. Chhabra, MCh

3:20 pm – 3:30 pm

Resection of Posterior Fossa Ependymoma with CP Angle Extension

V. Sadanand, MD, A. Dipatri, MD, W. Stepflug, MD, J. Ito, MD and T. Tomita, MD

3:30 pm – 3:40 pm

Microsurgical Treatment of Skull Base Chordoma

Zhang-Jun-ting, MD

3:40 pm – 3:50 pm

TBA

Shuo Wang, MD



NASBS SCIENTIFIC PROGRAM

2:00 pm–4:00 pm
(Apache/Bisbee)

Proffered Papers – Oral Presentations
Scientific Session C-1
Abstracts #82-96

Moderators: Mark Linskey and Don Wright

2:00 pm–2:07 pm

Abstract #82
Complications of Posterior Fossa Surgery- The LSUHSC Experience of 500 Patients
Arvind Dubey, MD (presenter), Mark Shaya, MD, Ravish Patwardhan, MD, Anil Nanda, MD (Hobart, Australia)

2:07 pm–2:14 pm

Abstract #83
Reconstruction of Skull Base Defects after Minimally Invasive Endoscopic Resection of Anterior Skull Base Neoplasms
Martin J. Citardi, MD (presenter), Pete S. Batra, MD (Cleveland, USA)

2:14 pm–2:21 pm

Abstract #84
Prevention and Treatment of CSF Leakage at Skull Base Surgery
Yuri Shulev, MD (presenter), Hovhannes Hakobyan, MD (St. Petersburg, Russia)

2:21 pm–2:28 pm

Abstract #85
Vascularized Nasal Septal Flaps for Reconstruction of Central Skull Base Defects
Daniel W. Nuss, MD (presenter), Deepak Awasthi, MD (Lafayette, USA)

2:28 pm–2:35 pm

Abstract #86
Laparoscopically Harvested Omental Free Flap for Skull Base Reconstruction
Peter Costantino, MD (presenter), David Hiltzik, MD, Jerry Wishner, MD, and Chandranath Sen, MD (New York, USA)

2:35 pm–2:42 pm

Abstract #87
Subfrontal Approach and Its Reconstruction – Our Experiences
Jan Hemza, MD (presenter), Hlozek, J., Mackerle Z., Feitova V. and Novak J. (Brno, Czech Republic)

2:42 pm–2:49 pm

Abstract #88
The Safety and Predictive Value of Intrathecal Fluorescein In Endoscopic Skull Base Surgery
Abtin Tabae, MD (presenter), David Hiltzik, MD, Dimitris G. Placantonakis, MD, Vijay K. Anand, MD and Theodore H. Schwartz, MD (New York, USA)

2:49 pm–2:56 pm

Abstract #89
The Endoscopic Endonasal Approach for Anterior Skull Base Pathology in Pediatric Patients: Outcomes and Complications
Ajith Thomas, MD (presenter), Amin Kassam, MD, Hillal Kanaan, MD, Carl Snyderman, MD, Ricardo Carrau, MD, Paul Gardner, MD, Arlan Mintz, MD and Ian Pollack, MD (Pittsburgh, USA)

NASBS SCIENTIFIC PROGRAM

- 2:56 pm–3:03 pm **Abstract #90**
Complication Rate of Retrosigmoid Craniotomy with and without Closed-Suction Wound Drainage
Chad Galer, MD (presenter), Brad Bowdino, MD, Lyal Leibrock, MD, FACS and Gary F. Moore, MD, FACS (Omaha, USA)
- 3:03 pm–3:10 pm **Abstract #91**
Incisional Recurrence after Midface and Anterior Skull Base Surgery in Sinonasal Malignancies.
Michael G. Moore, MD (presenter), Derrick T. Lin, MD, Daniel G. Deschler, MD, FACS, Vicente A. Resto, MD, PhD and Annie W. Chan, MD (Boston, USA)
- 3:10 pm–3:17 pm **Abstract #92**
Microsurgical Treatment of Skull Base Chordoma
Wu Zhen, MD (presenter), Zhang Jun-ting, MD and Jia Gui-jun, MD (Beijing, P.R. China)
- 3:17 pm–3:24 pm **Abstract #93**
Aggressive Surgical Removal and Gamma-Knife Radiosurgery for Recurrence Resulted in Satisfactory Outcome in Clival Chordomas
Kiyoshi Saito, MD (presenter), Takeshi Okada, MD, Masahiro Ichikawa, MD, Yuri Aimi, MD, Tetsuya Nagatani, MD and Jun Yoshida, MD (Nagoya, Japan)
- 3:24 pm–3:31 pm **Abstract #94**
Surgical Tactics of Trans-Sphenoidal Removal of Clival Chordomas
Seong-Min Kim, MD, PhD (presenter), Han-Kyu Kim, MD, PhD (Daejeon, Korea (south))
- 3:31 pm–3:38 pm **Abstract #95**
Endoscopic Endonasal Resection of Clival Chordomas: Experience with Five Cases
James T. Kryzanski, MD (presenter), Elie Rebeiz, MD and Carl B. Heilman, MD (Boston, USA)
- 3:38 pm–3:45 pm **Abstract #96**
Paraganglioma of the Central Cranial Base
Michael Shohet, MD (presenter), (New York, USA)
- 3:45 pm–3:52 pm **Brazilian Abstract #1***
Functional Microsurgery for Vestibular Schwannoma – Report from a Neurosurgical Clinic in Brazil: An Emergent Country
Roberto Leal Silveira, MD, PhD (presenter), and Mauro Augusto Tostes Ferreira et al (Brazil)
- 3:52 pm–3:59 pm **Brazilian Abstract #2***
Surgical Strategies to Anterior Base Meningiomas
Aguiar Ph (presenter), Maldaun Mv, Teixeira Ja, Panagopoulos At, Garcia F, Zicarelli C, Verst S, Hirsch R, Marubayashi L and Simm R (Sao Paulo, Brazil)

* Note – Not included in Abstract Booklet

NASBS SCIENTIFIC PROGRAM

2:00 pm–3:59 pm
(Copper/Diablo)

Proffered Papers – Oral Presentations
Scientific Session C-2
Abstracts #97-113

Moderators: Amin Kassam and Ehab Hanna

2:00 pm–2:07 pm

Abstract #97
Posterior Midline Approach for Anterior/Anterolateral Benign Foramen magnum Tumours
S.K. Gupta, MCh (presenter), V. K. Khosla, MCh, R. Chhabra, MCh and S. Mohindra, MCh (PGIMER, India)

2:07 pm–2:14 pm

Abstract #98
The Caudal Expanded Endonasal Approach: A Fully Endoscopic Endonasal Approach for Resection of Lower Clival, Foramen Magnum and Atlantoaxial Pathology
Amin Kassam, MD (presenter), Paul Gardner, MD, Carl Snyderman MD, Ricardo Carrau, MD and Richard Spiro, MD (Pittsburgh, USA)

2:14 pm–2:21 pm

Abstract #99
Techniques of the Expanded Endonasal Approach to Lesions of the Anterior Cranial Base
Arlan Mintz, MSc, MD (presenter), Amin Kassam, MD, Carl Snyderman, MD, Ricardo Carrau, MD and Paul Gardner, MD (Pittsburgh, USA)

2:21 pm–2:28 pm

Abstract #100
Combinations and Modifications of the Subcranial Approach for Extirpation of Large Anterior Skull Base Tumors
Dan M. Fliss, MD (presenter), Ziv Gil, MD, PhD (Tel Aviv, Israel)

2:28 pm–2:35 pm

Abstract #101
Sublabial Transantral Approach in the Treatment of Juvenile Nasopharyngeal Angiofibromas
Jason P. Hunt, MD (presenter), James L. Netterville, MD, FACS and Beckey L. Massey, MD (Nashville, USA)

2:35 pm–2:42 pm

Abstract #102
Comparison of Jackson's Modified Preauricular Incision in Infratemporal Tumor Resection to Fisch and Weber-Fergusson's Approach
Y.S. Mohan, MD, MS (presenter), A.N. Rinewalt, MD and Ian T. Jackson, MD, FRCS, D.Sc. (Southfield, USA)

2:42 pm–2:49 pm

Abstract #103
Transcavernous Anterior Transpetrosal Approach to Intra/Juxta Cavernous and Petroclival Lesions
Ashish Suri, MCh, DNB (presenter), (Ansari Nagar, India)

2:49 pm–2:56 pm

Abstract #104
Head Mounted Display: Surgical Informatics Portal of the Future
Michael J. O'Leary, MD, FACS (presenter), Perry T. Mansfield, MD, FRCS and Sanjay Ghosh, MD (San Diego, USA)

NASBS SCIENTIFIC PROGRAM

- 2:56 pm–3:03 pm **Abstract #105**
Intraoperative MRI for Skull Base Surgery: The Effect of Imaging on Surgery
Michael Schulder, MD (presenter), Christian Geanette, BA, Erik Cohen, MD
and Soly A. Baredes, MD (Newark, USA)
- 3:03 pm–3:10 pm **Abstract #106**
**A New Intraoperative Three-Dimensional Imaging Modality with Simultaneous
Navigated Surgery**
Felix A.S. Blake, MD, DMD (presenter), Heiland, Max, MD, DMD (Hamburg, Germany)
- 3:10 pm–3:17 pm **Abstract #107**
A New Method Of 3-D Visualization of Malignant Tumours Located at the Skull Base
Ilka Hertel, MD (presenter), Gero Straub, MD, Jana Dornheim, PhD, Jeanette Cordes,
Arno Krüger, PhD, Christian Tietgen, Andreas Dietz, MD PhD and Bernhard Preim, PhD
(Leipzig, Germany)
- 3:17 pm–3:24 pm **Abstract #108**
**Quantitative Analysis of a Three-Dimensional Computed Tomography (3D-CT) Image
Rendering Protocol for Skull Base Applications**
Anthony L. D’Ambrosio, MD (presenter), Jeffrey N. Bruce, MD and Todd C. Hankinson, MD
(New York, USA)
- 3:24 pm–3:31 pm **Abstract #109**
**Imaging of the Internal Carotid Artery and Adjacent Skull Base with Three-Dimensional
CT Angiography for Preoperative Planning and Intraoperative Surgical Navigation**
Martin J. Citardi, MD (presenter), Pete S. Batra, MD (Cleveland, USA)
- 3:31 pm–3:38 pm **Abstract #110**
CT-MR Image Fusion for the Management of Skull Base Lesions
Martin J. Citardi, MD (presenter), Pete S. Batra, MD (Cleveland, USA)
- 3:38 pm–3:45 pm **Abstract #111**
Image Fusion: Applications to Skull Base Surgery
Anthony G. Zeitouni, MS, MD (presenter), Richard Leblanc, MSc, MD, Peter M Abou Jaoude
and Labib Soualmi, PhD (Montreal, Canada)
- 3:45 pm–3:52 pm **Abstract #112**
Integrated PET/CT System for Staging and Surveillance of Skull Base Tumors
Dan M. Fliss, MD (presenter), Ziv Gil, MD PhD (Tel Aviv, Israel)
- 3:52 pm–3:59 pm **Abstract #113**
**Merged Metabolic Imaging and Frameless Stereotaxy in the Surgical Management of
Recurrent Nelson’s Syndrome: Case Report and Review of the Literature**
Jeffrey M. Tomlin, MD (presenter), Justin Miller, MD, Daniel Lee, MD, Robert O’Mara, MD,
Vaseem Chengazi, MD, PhD and G. Edward Vates, MD, PhD (Rochester, USA)
- 4:00 p.m. **Annual Meeting Adjourns**

SCIENTIFIC POSTERS

Scientific Posters – Displayed in the Exhibit Hall

(POINTE PARK PAVILION)

Abstracts #114-138

Abstract #114

Multiple Cranial Nerve Palsies as a Complication of Unusual Skull Base Mucocele

Masoud Motasaddi Zarandy, MD (presenter), J. Mehdizadeh, MD, V. Dortaj, MD (Tehran, Iran)

Abstract #115

Unclassified Sarcoma of the Skull Base: Review of 11 Cases

Iman Feiz-Erfan, MD (presenter), Sujit S. Prabhu, MD, Robert F. Spetzler, MD, Ehab Hanna, MD and Franco DeMonte, MD (Phoenix, USA)

Abstract #116

Total Petrosectomy for Petroclival Region, Extended Techniques of Skull Base Approach

Kazumi Ohmori, MD (presenter), Takanori Fukushima, MD, DMSc, Nobuyuki Kaneko, MD, Tetsuro Sameshima, MD, PhD and Shiro Ohue, MD, PhD (Morgantown, USA)

Abstract #117

Pre-operative Imaging Detection of Congenital Vascular Anomalies at the Skull Base

Richard Silbergleit, MD (presenter), Amy Federico, DO, Samir E. Noujaim, MD and Ay-Ming Wang, MD (Royal Oak, USA)

Abstract #118

Delayed Transient Facial Nerve Palsy in Acoustic Neuroma Surgery

Daniel T. Warren, MD (presenter), Ryojo Akagami, MD (Vancouver, Canada)

Abstract #119

The W-Plasty Scalp Incision for Craniotomy/Crainiofacial Surgeries Provides Better Aesthetic Outcome Compared to the Standard Scalp Incision

Y.S. Mohan, MD, MS (presenter), A.N. Rinewalt MD, C.N.Rao, MD, Mark Blake MD, Gustavo Bello-Rojas MD and Ian T. Jackson MD, FRCS, DSc (Southfield, USA)

Abstract #120

Aural Cholesteatoma: Role of Tumor Necrosis Factor- Alpha in Bone Destruction

Suresh C. Sharma, MS (presenter), Kambhampati V.S, MS, S. Ramakrishna Sastry, MS, Sher Bajasingh S. Mann, MS, Nirmal Kumar Ganguly, MD and Naresh K. Panda, MS (New Delhi, India)

Abstract #121

The Opening Neurosurgical Skull Base Laboratory in Saint-Petersburg, Russia

Jamil A. Rzaev, MD, PhD (presenter), Rudenko V. Victor, MD, PhD (St. Petersburg, Russia)

Abstract #122

The Anatomy of the Mastoid Emissary Vein and the Venous System of the Posterior Neck Region: Neurosurgical Implications

Cassius Vinicius C. Reis, MD (presenter), Vivek Deshmukh, MD, Pushpa Deshmukh, PhD, Marcelo Crusius, MD, Joseph M. Zabramski, MD, Robert Spetzler, MD and Mark C. Preul, MD (Phoenix, USA)

SCIENTIFIC POSTERS

Abstract #123

The Role of Elective Neck Irradiation in the Management of Sinonasal Malignancies

Minh T. Truong, MD (presenter), Nobert Liebsch MD, Derrick T. Lin MD, Daniel G. Deschler MD, James F. McIntyre MD, Allan F. Thornton MD, Mark Varvares MD and Annie W. Chan, MD (Boston, USA)

Abstract #124

Lethal Complication of Preoperative Embolization for a Glomus Jugulare Tumor

Anh Nguyen-Huynh, MD PhD (presenter), Amanda Muñoz, BS and Robert K. Jackler, MD (Stanford, USA)

Abstract #125

Hearing Improvement after Resection of a Large Jugular Foramen Schwannoma: Case Report and Proposed Mechanism

Gregory P. Lekovic MD, PhD (presenter), Kris A. Smith, MD (Phoenix, USA)

Abstract #126

Cerebello-Pontine Melanocytomas, Case Report and Review of the Literature

A. Elashaal, MBBCh, FRCS(Ire) (presenter), M. Sam Eljamel, MBBCh, MD, FRCS(Ire & ED), FRCS(SN) and James W. Ironside, BMSc, MBChB, FRCPEdin, FRCPath (Dundee, UK)

Abstract #127

Schwannoma of the Facial Nerve Causing Sudden Facial Palsy: Three Cases Report

Antonio Aversa do Souto, MD (presenter), Jorge Marcondes MD, PhD, Leonard Kranzler, MD, Marise Marques, MD and Leila Chimelli, MD, PhD (Rio de Janeiro, Brazil)

Abstract #128

Frontoethmoidal Osteomas Complicated by Intracranial Mucocele and Pneumocephalus: Two Cases Report

Antonio Aversa do Souto, MD (presenter), Jorge Marcondes, MD, PhD, Pedro Medeiros, MD, Denise Durão, MD, Tiago Silva, MD, Rodrigo Tragante, MD and Janio Nogueira MD (Rio de Janeiro, Brazil)

Abstract #129

An Unusual Cavernous Sinus Epidermoid Tumor with Intradural Dissemination: A Case Report

Antonio Aversa do Souto, MD (presenter), Jorge Marcondes, MD, PhD, Janio Nogueira, MD, Haroldo Chagas, MD and Marcelo Altino, MD (Rio de Janeiro, Brazil)

Abstract #130

Acute Intratumoral Bleeding in a Cystic Vestibular Schwannoma: Case Report

Antonio Aversa do Souto, MD (presenter), Jorge Marcondes, MD, PhD, Janio Nogueira, MD and Leila Chimelli, MD, PhD (Rio de Janeiro, Brazil)

Abstract #131

A Unique Approach to a Venous Malformation at the Petrous Apex

Anita Jeyakumar, MD (presenter), Saurin R. Popat, MD, FRCSC, FACS and Agata K. Brys, MD (Rochester, USA)



SCIENTIFIC POSTERS

Abstract #132

Langerhans Cell Histiocytosis of the Lateral and Central Skull Base: Case Report

Agata K. Brys, MD (presenter), Saurin R. Popat, MD, FRCSC, FACS and Anita Jeyakumar, MD (Rochester, USA)

Abstract #133

Rare Case of Extensive Ameloblastic Fibrosarcoma Involving the Anterior and Middle Skull Base

Bharat Guthikonda, MD (presenter), Sujit Prabhu, MD, Roman Skoracki, MD and Ehab Hanna, MD (Houston, USA)

Abstract #134

Posterior Circulation Aneurysms Have Higher Incidence of Symptomatic Deep Vein Thrombosis

Christina Weillbaecher, MD (presenter), Prasad Vannemreddy, MD and Anil Nanda, MD, FACS (Shreveport, USA)

Abstract #135

Skull Base Meningiomas: Do They Have Higher Proliferation Potential for Aggression?

Prasad Vannemreddy, MD (presenter), Anil Nanda, MD, FACS, Marjorie Fowler, MD and Mary Lowery Nordberg, PhD (Shreveport, USA)

Abstract #136

Outcomes with Pediatric Posterior Fossa Ependymoma: A Report of 26-Year Experience at One Center

V. Sadanand (presenter), A. DiPatri, V. Rajaram, W. Stepflug, J. Ito and T. Tomita (Chicago, USA)

Abstract #137

Surgical Approaches to the Trigeminal Schwannoma

Akihiko Saida, MD (presenter), Jo Haraoka, MD and Yuji Yamada, MD (Tokyo, Japan)

Abstract #138

Surgical Management of Olfactory Neuroblastoma

Yuji Yamada, MD (presenter), Jo Haraoka, MD and Akihiko Saida, MD (Tokyo, Japan)

Abstract #139*

Endoscopic Approaches and Techniques in Resection of Anterior Skull Base Tumors

Larry A. Hoover, MD, FACS, Professor (presenter), Luke Buchmann, MD and Ania Pollack, MD (Kansas City, USA)

Abstract #140*

The Causes of Failure of Radiotherapy In The Treatment of Vestibular Schwannomas

Masoud Zarandy (presenter), Daniel Hajioff, John Rutka (Tehran, Iran)

Abstract #141*

Endoport Neurosurgery: Stereotactic Endoscopic Resection Of Intraventricular Tumors

Amin B. Kassam, MD (presenter), Costas Hadjipanayis, MD, PhD; Rishi Wadhwa; Arlan H. Mintz, MD and L. Dade Lunsford MD (Pittsburgh, USA)

* Not Included in Abstract Booklet

COURSES FOR NURSES AND ALLIED HEALTH PROFESSIONALS

February 17 – 18, 2006

Coordinator: Barbara J. Beal, BS, RNFA
Co-Coordinator: Sarah Dawson, BSN, RN

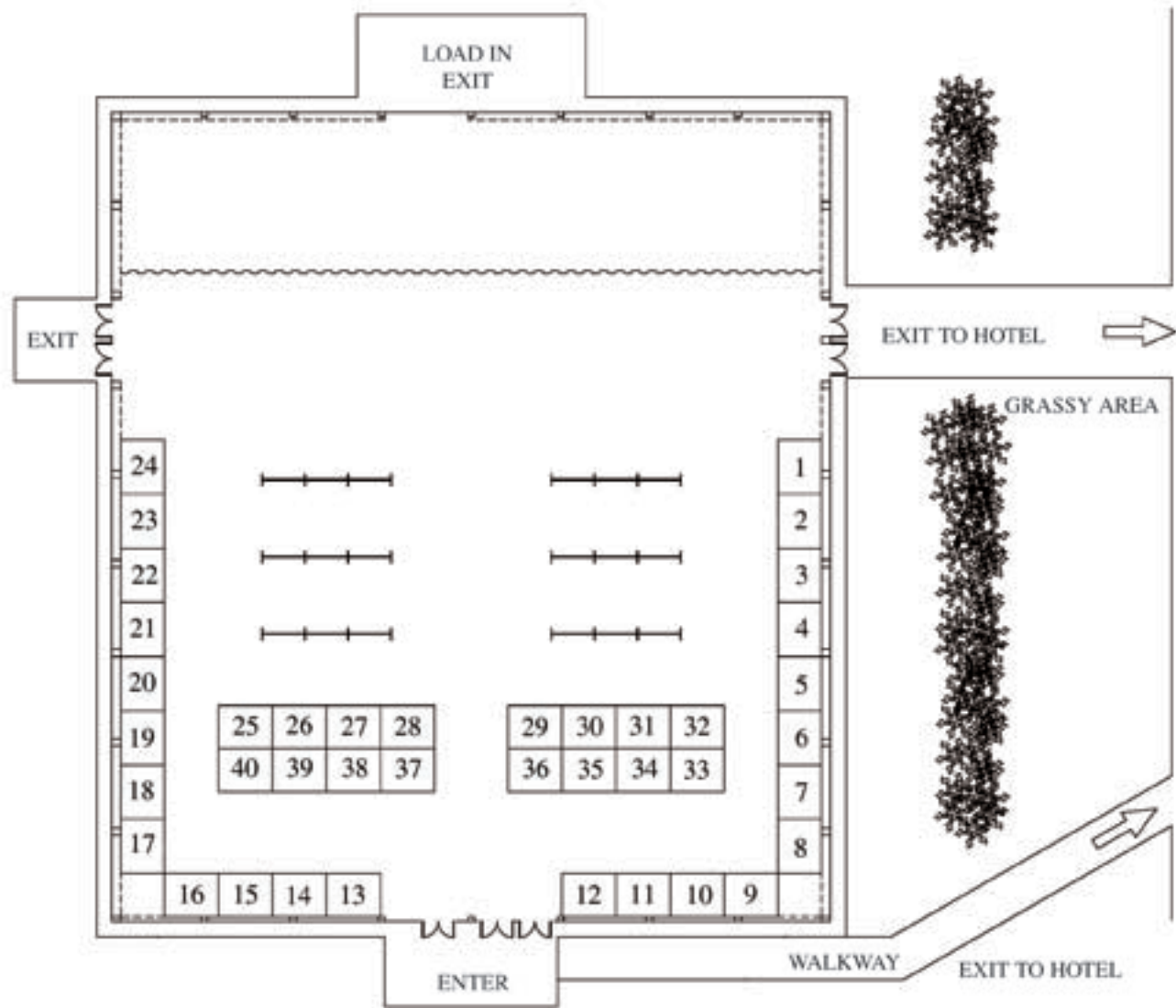
FRIDAY, FEB. 17, 2006
(East Courtroom 2A)

7:00 am–7:50 am	Continental Breakfast
8:00 am–8:10 am	Welcome/Opening Remarks <i>Barbara J. Beal, BS, RNFA</i>
8:10 am–8:40 am	Modern Management of Acoustic Neuromas – A Multidisciplinary Skull Base Team Approach <i>Sanjay Gosh, MD</i>
8:50 am–9:20 am	Skull Base Approaches to Posterior Circulation Aneurysms <i>Steven L. Gianotta, MD</i>
9:30 am–10:10 am	Pearls and Perils of Postoperative Management of Skull Base Aneurysms <i>Daniel Pieper, MD</i>
10:15 am–11:20 am	Our Team Approach to the Reconstruction and Rehabilitation of Neurofibromatosis in the Nigerian Patient <i>Ian T. Jackson, MD</i> <i>Daniel Pieper, MD</i> <i>Barbara Beal, RN</i>
11:30 am–12:30 pm	Case Presentation and Management of Complications in Skull Base Surgery <i>Andreas Nikolis, MD</i>
12:30 pm–1:30 pm	Lunch

SATURDAY, FEB. 18, 2006

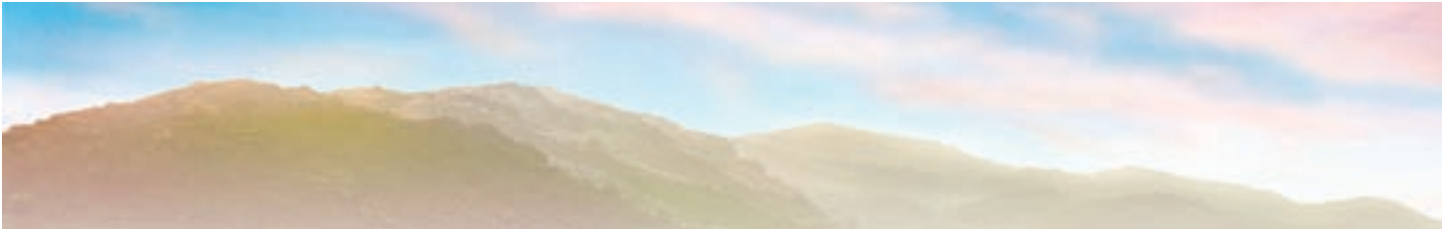
7:00 am–8:00 am	Continental Breakfast
8:00 am–8:30 am	Complications of Acoustic Neuromas <i>Michael LaRouere, MD</i>
8:40 am–9:15 am	The Role of the Skull Base Coordinator-Educator, Patient Advocate, Manager <i>Margaret Varland, RN, BSB</i>
9:20 am–9:40 am	Presidential Address <i>Anil Nanda, MD</i>
9:40 am–10:00 am	Gamma Knife Radiosurgery In Skull Base Meningiomas <i>Allyson DeLaune, RN</i>
10:00 am–10:30 am	Break
10:30 am–11:00 am	Pituitary Tumors: Inpatient and Outpatient Management Dilemmas for Mid-Level Practitioners <i>Yvonne L. Layton, MS, PA-C</i>
11:00 am–11:30 am	Endoscopic vs. Open Approach to Skull Base Surgery Nursing Implications, Risks, and Benefits <i>Birgitte Carlsen, RN, CNOR</i>
11:35 am–12:00 noon	Panel: What Is Your Specific Role In Skull Base Surgery? <i>Allyson DeLaune, RN</i> <i>Yvonne Layton, MS, PA-C</i> <i>Bethany Harris, RN</i> <i>Ziba Scherrer, BSN, RN</i> <i>Barbara Beal, BS, RNFA</i>

EXHIBITORS FLOOR PLAN



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Anspach Companies	(Booth #38)	Ortho Development Corporation	(Booth #30)
Atos Medical, Inc.	(Booth #17)	OsteoMed	(Booth #28)
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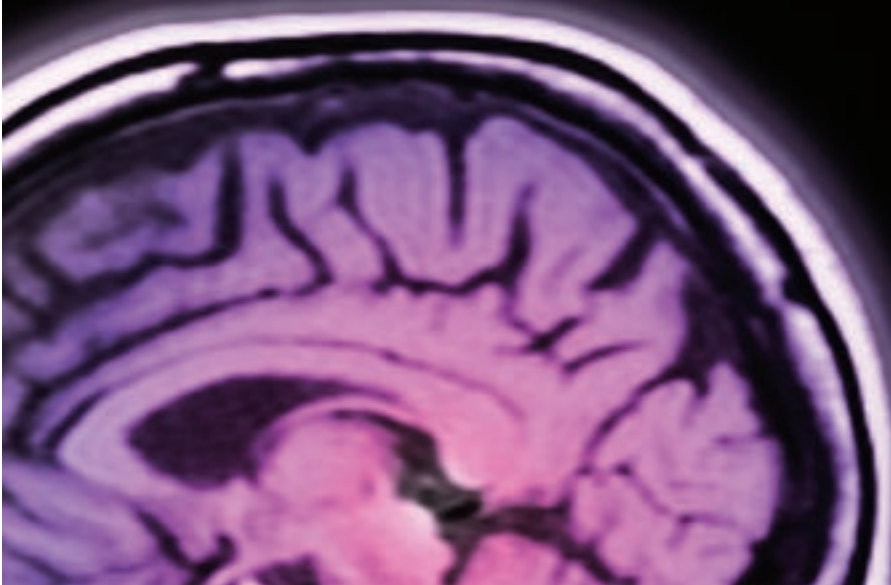
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NORTH AMERICAN SKULL BASE SOCIETY

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APPLICATION FOR MEMBERSHIP

Please select relevant membership:

- International Membership (\$100.00 Processing Fee)
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PERSONAL:

FIRST NAME	MI	LAST NAME	DEGREE (S)
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STREET			
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PHONE	FAX	EMAIL	

MEDICAL EDUCATION:

MEDICAL SCHOOL: INSTITUTION	DATE STARTED	DATE COMPLETED	
RESIDENCY: INSTITUTION	DATE STARTED	DATE COMPLETED	AREAS OF SPECIALIZATION
FELLOWSHIP: INSTITUTION	DATE STARTED	DATE COMPLETED	AREAS OF SPECIALIZATION

EXPERIENCE:

CURRENT CLINICAL SPECIALTY: _____ #YEARS OF PRACTICE: _____
 HOSPITAL AFFILIATIONS: _____
 TEACHING PROGRAM AFFILIATION: _____
 SOCIETY MEMBERSHIPS (ABBREVIATE): _____
 ARE YOU BOARD CERTIFIED IN YOUR SPECIALTY? YES NO IF YES, YEARS OF CERTIFICATION _____

REFERENCES:

International Membership (Two active members from ANY International Society must sign this application.)
 North American Membership (Two active NASBS members must sign this application.)

NAME	ADDRESS	SIGNATURE
NAME	ADDRESS	SIGNATURE

I certify that the above information is complete and accurate. I understand that any false information will disqualify me for membership. If approved for membership, I agree to abide by the bylaws of the Society.

Signature	Date	Social Security #
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For membership applicants: NASBS requests that payment accompany your application
 Processing Fee: \$100.00

- My check is enclosed for the above amount, made payable to the North American Skull Base Society
 Charge the above amount to: VISA Mastercard AMEX

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Please mail with payment to: NASBS • 12100 Sunset Hills Road, Suite 130 • Reston, VA 20190 or Fax to: 703-435-4390
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INTERNATIONAL MEMBERSHIP IN THE NORTH AMERICAN SKULL BASE SOCIETY

The North American Skull Base Society (NASBS), founded in 1989, is a professional medical society that facilitates communication worldwide between individuals pursuing clinical and research excellence in skull base surgery. The purposes of the Society include the following:

- To promote the public welfare through the advancement of skull base surgery and related sciences.
- To disseminate information about the anatomy physiology and clinical management of diseases involving the skull base.
- To promote education and basic and clinical research relating to diseases of the skull base.
- To promote mutual fellowship and cooperation among various scientific disciplines and organizations.
- To support, coordinate, and enhance efforts to generate scientific information useful to specialists in the care of diseases of the skull base.

WHO IS ELIGIBLE?

Individuals with backgrounds in neurosurgery, otolaryngology, head & neck surgery, radiology, neuroradiology, otology, neurotology, plastic & reconstructive surgery, and others interested in skull base diseases are welcome to apply.

WHAT ARE THE BENEFITS?

Scientific Journal

Members will receive the official journal of the society, Skull Base Surgery, a quarterly publication that contains peer reviewed original articles, review articles, and position papers. It will also present news and information on an international scope to keep members aware of recent and upcoming events, activities, and evolving developments in skull base surgery.

Continuing Medical Education

Members will receive listings of continuing medical educational opportunities in skull base surgery, as well as scientific courses sponsored by NASBS and will receive reduced registration fees for national scientific meetings.

Society Newsletter

Members will receive copies of the annual newsletter of the Society. The newsletter includes a report from the Society President, information updates on the Society, announcements and information on upcoming events, and other news as appropriate.

WHAT DOES IT COST TO JOIN?

There is a \$100.00 processing fee which is sent in with your Membership Application Form. Upon acceptance to the NASBS you will be asked if you want to receive the Scientific Journal (a quarterly publication), if so the annual dues will be \$275.00. If you do not care to receive the Journal, your dues will be \$100.00.

HOW DO I APPLY?

Please fill out the Membership Application Form on the reverse side. Be sure to have signatures of recommendation from two active members of any International Society. Include your \$100.00 processing payment with your application. MAIL: NASBS, 12100 Sunset Hills Road, Suite 130, Reston, VA 20190 or FAX: 703-435-4390.

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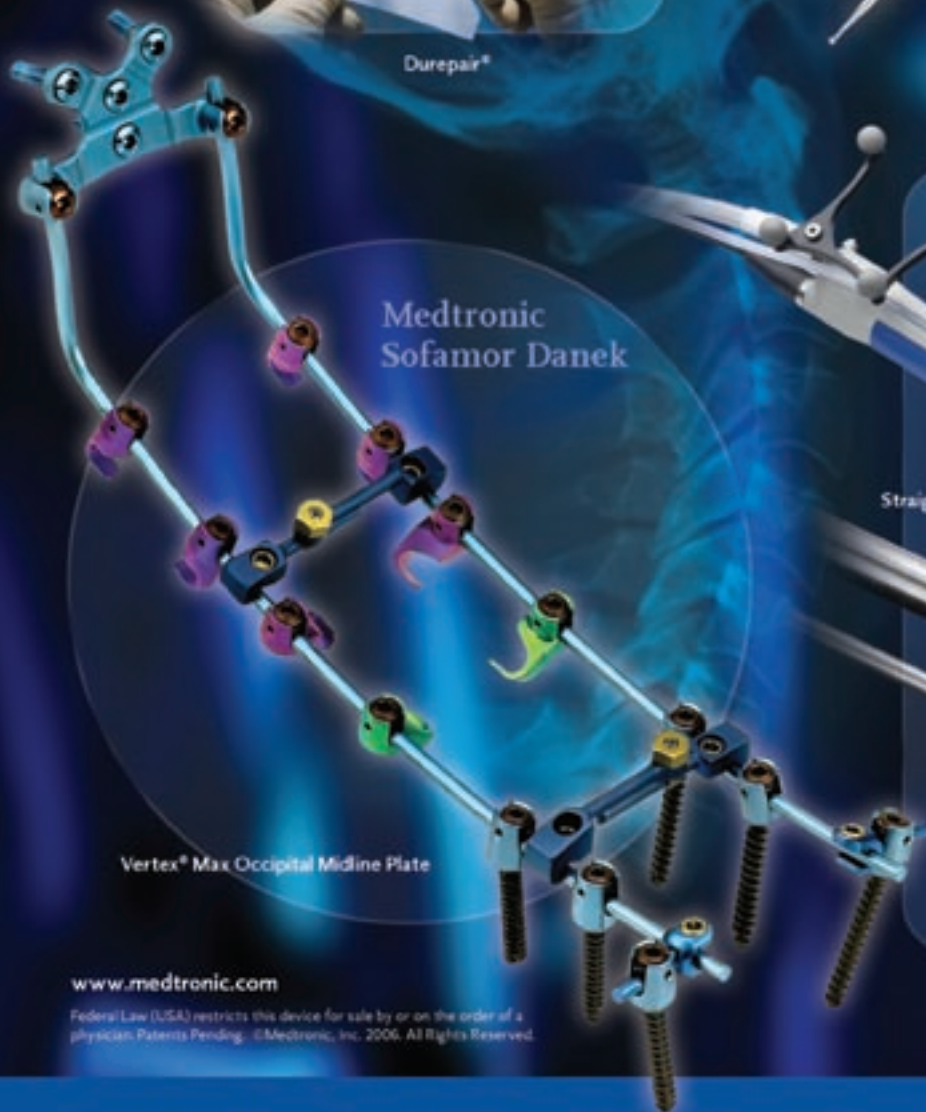
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