

NORTH AMERICAN SKULL BASE SOCIETY



“History, Education, and Futuristic Techniques”

17TH ANNUAL MEETING SCIENTIFIC MEETING & EXHIBITION

PRELIMINARY PROGRAM

**FEBRUARY 16-19, 2006
POINTE SOUTH MOUNTAIN RESORT
PHOENIX, ARIZONA**

NORTH AMERICAN SKULL BASE SOCIETY

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Invitation from the President

On behalf of the membership of the North American Skull Base Society, it gives me great pleasure to invite you to the Pointe South Mountain Resort in Phoenix, Arizona, February 16-19, 2006.

The theme for this year's meeting is "History, Education, and Futuristic Techniques," celebrating skull base education and its history, and exploring the trends and directions of the future. We're proud to welcome Dr. Robert Spetzler of Barrow Neurosurgical Associates and Dr. Robert Jackler of Stanford University as honored guest speakers. A new feature to the meeting is the First Annual Sugita World Educational Video Symposium, a video series in honor of pioneering Japanese neurosurgeon Kenichiro Sugita.

This year's meeting promises to be both informative and entertaining as a number of exciting social activities have also been planned. I look forward to seeing you in Phoenix in February.

Sincerely,

Anil Nanda MD, FACS



17TH ANNUAL SCIENTIFIC MEETING & EXHIBITION

in association with the Brazilian Society of Neurosurgery



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

The enclosed registration form should be completed and mailed or faxed to NASBS. All meeting participants **MUST** register for the conference.

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 & Cheese Reception, and the Annual Banquet.

CANCELLATION AND REFUND

Cancellation and refund requests must be submitted in writing. If cancellation for the Annual Meeting is received by December 15, 2005, the registration fee will be refunded less a \$100 processing fee to cover administrative costs. After December 15, 2005, no refunds will be issued for Annual Meeting registrations.

HOTEL RESERVATION

Pointe South Mountain Resort sits at the base of South Mountain Park, on 200 acres of scenic land, just 10 minutes from the Sky Harbor International Airport. This Four Diamond resort has an 18-hole golf course, the Phantom Horse Athletic Club and Spa, the Oasis water adventure, and exceptional dining, making it Arizona's premier travel destination.

A block of resort suites with a special rate of \$215 single or double occupancy has been set aside for meeting attendees. The deadline for making hotel reservations is January 17, 2006. The special rate is available to meeting attendees three days prior to and three days after the meeting in case you would like to extend your stay. For reservations, call the Pointe South Mountain Resort at 1-877-800-4888. You can also make reservations online at www.pointesouthmtn.com or complete the Hotel Registration Form on page 15 of this program. Be sure to mention that you are attending the NASBS Annual Meeting in order to secure the group rate. Please note that you must make your own hotel reservations.

PARKING AND TRANSPORTATION

Pointe South Mountain Resort offers parking on a first come, first serve basis. Three taxi companies serve the Sky Harbor International Airport with rates of about \$5.00 for the first mile, and \$1.80 for every additional mile. The taxi companies are: AAA Cab (602) 437-4000, Allstate (602) 275-8888 and Discount (602) 266-1110.

MEAL FUNCTIONS

Please indicate any special dietary requirements on the meeting registration form. Every effort will be made to accommodate your needs.



GENERAL INFORMATION

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 call the society's headquarters at 703-437-4377 or visit the website at www.nasbs.org. A membership application is also included in this program on page 17.

AIRLINE INFORMATION

NASBS has selected United Airlines as the official airline for the 2006 Annual Meeting. If you or your travel agent call United's Specialized Meeting Reservations Center, (800) 521-4041, to book your reservations, you will receive a 5% discount off the lowest applicable discount fare, including first class, or a 10% discount off full fare, unrestricted coach fares purchased seven days in advance. An additional 5% discount will apply when tickets are purchased at least 60 days in advance of your travel date. Discounts also apply on Shuttle by United and United Express. Make sure you refer to your Meeting ID Number 557XD. Reservation agents are on duty seven days a week from 7:00 a.m. to 12:00 midnight EST.

CAR RENTAL

NASBS has selected Avis as the official car rental company for the 2006 Annual Meeting. Avis has given NASBS a discount rate good for one week both before and after the meeting. To receive the best car rental rates available, call the Avis Worldwide Discount (AWD) telephone number (800) 331-1600 and mention the AWD ID Number – J868025.

ANNUAL MEETING

The 17th Annual Meeting will consist of Honored Guests' lecturers, panel discussions, contributed papers presented as oral, video, and poster presentations and exhibit program.

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 30 hours. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.



GENERAL INFORMATION

POINTE SOUTH MOUNTAIN RESORT

OVERVIEW:

With Phoenix's majestic South Mountain as its backdrop, Four-Diamond Pointe South Mountain Resort is the ultimate Arizona resort destination. The resort suites offer all of the comforts of home in a casual yet elegant atmosphere. Just steps from your suite you'll find six unique dining experiences and award-winning recreational amenities including The Oasis - Arizona's Ultimate Water Adventure, championship golf, tennis, spa, athletic club and over 60 miles of hiking, mountain biking and horseback riding in the South Mountain Preserve.

GOLF

One of the most challenging Phoenix golf courses, Phantom Horse Golf Club blends traditional links with the best desert target golf in Arizona. The par 71, 6336-yard course features a spectacular island green as well as a 7,000-square-foot practice green with a sand bunker and chipping area, allowing practice for a variety of shots up to 40 yards. For more information on the courses, golf packages, and tee times visit http://www.phantom-horsespa.com/golf_golfclub.htm.

THE OASIS WATERPARK

The Oasis, named "one of the top 10 theme parks in the nation" by The Travel Channel, is Arizona's - and one of the nation's - largest resort water parks, with spectacular features such as:

- Massive eight-story high Slide Canyon Tower featuring three thrilling water slides*
- Gigantic Oasis Wave Pool
- Sports pool with volleyball and basketball
- Relaxing Zuni River
- Wild Cat Springs for kids
- 25-person Caliente Springs hot tub

**For more information visit <http://www.phantomhorsespa.com/oasis.htm>.*

FITNESS

The hotel room rate at the Pointe South Mountain Resort includes access to all of the fitness classes provided at the Phantom Horse Athletic Club and Spa. Some of the classes offered include Cardio Kick, H20Aerobics, Pilates, Hiking, Power Step, Power Yoga, Spinning, TAI CHI, Yoga, and Weights 4 Women. A complete list of fitness classes and services will be provided in the meeting registration packets.

PRE-MEETING COURSES

SCIENTIFIC COMMITTEE

Thom Loree Co-Chairman
Michael Link Co-Chairman

Mark Bilsky Franco DeMonte
Colin Driscoll John Golfinos
Ehab Hanna Kazuhiro Hongo
Eugen Hug Tetsuo Kanno
Yoko Kato Dennis Kraus
Mark Linskey Sean McMenemy
Suresh Mukherji Harry VanLoveren
Michael Schulder Kiyoshi Saito

SUGITA COMMITTEE

Kazuhiro Hongo Co-Chairman
Thomas Origitano Co-Chairman

ENDOSCOPIC COURSES

Vinod Anand Vijay Anand
William Bolger Ricardo Carrau
Luis Carlos de Alencastro Georgio Frank
Amin Kassam Dan Kelly
J.A. Landeiro Peter Nakaji
Wesley King Gail Rosseau
Aldo Stamm Carl Snyderman
William Couldwell

PRACTICAL COURSES

Jacques Morcos Co-Chairman
Joseph Zabramski Co-Chairman

Saleem Abdulrauf Antonio Aversa
Luis Borba J. Diaz Day
Johnny Delashaw Rick Friedman
John Golfinos Murali Guthikonda
Carl Heilman Jose Landeiro
Randall Porter Mitesh Shah

INVITED FACULTY

Deepak Awasthi
Peter Black
Mustafa Baskaya
John Coleman
Paul Donald
Steve Giannotta
Pat Gullane
Robert Jackler
Dan Kelly
Wesley King
Mark Linskey
Peter Nakaji
James Netterville
Guy Petruzzelli
Mark Preul
Jon Robertson
Marc Schwartz
Jatin Shah
Mitesh Shah
Robert Spetzler





PRE-MEETING COURSES

ADVANCED FULLY ENDOSCOPIC APPROACHES TO THE SKULL BASE

THURSDAY, FEB. 16, 2006

8:00 AM–12:00 NOON

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.

COURSE DIRECTORS

Ricardo Carrau
Amin Kassam
Carl Synderman
Georgio Frank
Dan Kelly
William Couldwell
Tom Origitano
Peter Nakaji
Wesley King
Gail Rosseau
Vijay Anand
William Bolger

STANDARD APPROACH – ORBITAL ZYGOMATIC POSTERIOR PETROSECTOMY

THURSDAY, FEB. 16, 2006

1:00 PM–5:00 PM

COURSE DIRECTORS

Jacques Morcos
Joseph Zabramski

Rick Friedman
Sean McMenomey
J. Diaz Day
Mustafa Baskaya
Marc Schwartz
Gary and Iris Moore
James Evans

PRE-MEETING HANDS-ON WORKSHOP

COURSE DESCRIPTION:

The primary purpose of this Hands-On workshop is to provide the participants with detailed instruction in the performance of the more common surgical skull base approaches, and in the use of endoscopy in skull base surgery. A step-by-step approach to performing the procedures will be led by recognized experts using real-time video displays, while additional faculty members aid the participants at their stations. Participants will be provided with cadaveric specimens on which to learn and perform the procedures.

OBJECTIVES: Upon completing the endoscopic portion of this course, the attendees:

1. Will be aware of the indications for use of endoscopy in skull base surgery, and
2. Will be able to describe the key anatomy related to endoscopic approaches.

Upon completing the surgical portion of this course, the participants;

1. Will be able to explain the rationale and indications for using surgical skull base approaches, and
2. Will be familiar with the key steps for performing the surgical approaches.

NASBS SCIENTIFIC PRELIMINARY PROGRAM

THURSDAY, FEBRUARY 16, 2006

6:00 pm–8:00 pm

Presidents Welcome Reception

FRIDAY, FEBRUARY 17, 2006

7:00 am–7:45 am

Breakfast Seminar#1

IMRT and Neuroradiological Advances

Art Dublin (Moderator), Suresh Mukherji and Eugen Hug

Breakfast Seminar #2

Endoscopic Advances

Gail Rosseau (Moderator), William Couldwell, Vinod Anand and Wesley King

Breakfast Seminar #3

Auditory Brain Stem Implants

John Golfinos (Moderator)

8:00 am–8:05 am

Opening Remarks by the President: Anil Nanda

8:05 am–8:30 am

History of Skull Base Education

James Goodrich

8:30 am–9:30 am

Panel Discussion #1: Acoustic Neuroma Current Management

Michael Link (Moderator), Steve Giannotta, Sean McMenomey and Jens Thompson

9:30 am–10:00 am

Honored Guest Speaker: Robert Jacklar

Professor and Chairman of Otolaryngology
Stanford University

10:00 am–10:30 am

Refreshment Break

10:30 am–11:30 am
(Concurrent Sessions)

Panel Discussion #2: Complications of Head and Neck Surgery

Guy Petruzzelli (Moderator), Mark Bilsky, John Coleman, James Netterville
and Dennis Kraus

Panel Discussion #3: Clivus Tumors

Franco DeMonte (Moderator), Dan Nuss

11:30 am–12:00 noon

What's New in the Industry

Carl Heilman

12:00 noon–1:00 pm

Lunch

1:00 pm–3:00 pm

Scientific Papers and/or Video Sessions

3:00 pm–3:30 pm

Refreshment Break

3:30 pm–4:30 pm

Brazilian Session #1

J.A. Landeiro, Luis Borba, Pedro Medeiros, Gustavo Carvalho, Felix Pahl, Eduardo Velutin,
Antonio Aversa and Carlos da Silva

NASBS SCIENTIFIC PRELIMINARY PROGRAM

4:30 pm–5:30 pm
(Concurrent Sessions)

Panel Discussion #4: Training Our Residents and Fellows in an 80-Hour week – Skull Base
Jon Robertson (Moderator), Steve Giannotta, Guy Petruzzelli, Paul Donald and Sean McMenomey
Panel Discussion #5: Temporal Bone Malignancies

Evening

Wine and Cheese Reception -
Exhibit Hall Opens

SATURDAY, FEBRUARY 18, 2006

7:00 am–7:45 am

Breakfast Seminar #4
Microvascular Decompression
Tetsuo Kanno (Moderator)
Breakfast Seminar #5
Technological Innovations in Skull Base Surgery
Michael Schulder (Moderator)
Breakfast Seminar #6
Minimally Invasive Endoscopic Surgery



8:00 am–8:20 am

History and Education of Anatomy
Al Rhoton

8:20 am–9:20 am
(Concurrent Sessions)

Panel Discussion #6: Vascular Management in Skull Base Surgery
Saleem Abdulrauf (Moderator), Harry van Loveren, Bob Rossenwass and Michael Alexander
Panel Discussion #7:

9:20 am–9:40 am

Presidential Address: Anil Nanda

9:40 am–10:00 am

Refreshment Break

10:00 am–10:30 am

Honored Guest Speaker: Robert Spetzler
J.N. Harber Chairman of Neurological Surgery
Director of Barrow Neurosurgical Associates

10:30 am–12:30 am

1st Annual Sugita World Educational Video Symposium Masters Presentation
Coordinated by: Kazuhiro Hongo and Thomas Origitano

12:30 pm–1:30 pm

Lunch

1:30 pm–3:30 pm

Scientific Papers and/or Video Sessions

3:30 pm–5:30 pm
(Concurrent Sessions)

Panel Discussion #8: Cavernous Sinus Approaches
Ali Krisht (Moderator), Mark Linskey
Brazilian Session #2
Paulo Henrique Aguiar, Janio Nogueira, Alvaro Pinheiro, Aldo Stamm, Roberto Leal, Benedito Colli, Jair Raso and Luis Carlos de Alencastro

NASBS SCIENTIFIC PRELIMINARY PROGRAM

SUNDAY, FEBRUARY 19, 2006

7:00 am–7:45 am

Breakfast Seminar #7
Neuro Anatomy
J. Diaz Day (Moderator)
Breakfast Seminar #8
Nasal Pharyngeal Tumors
Breakfast Seminar #9
To Be Determined

8:00 am–9:00 am

Futuristic Techniques: Endoscopic vs. Open vs. Radiation for Anterior Skull Base Tumors
Jon Robertson (Moderator), J.A. Landeiro, Carl Synderman and Amin Kassam

9:00 am–10:00 am

Futuristic Techniques: Management of Cranial Nerve Deficits
Steven Newman (Moderator), James Netterville and Ian Jackson

10:00 am–10:30 am

Refreshment Break

10:30 am–11:30 am

Futuristic Techniques: Evidence Based Medicine for Skull Base Tumor
To Be Determined (Moderator), Steve Haines and Harry van Loveren

11:30 am–12:30 pm

Futuristic Techniques: Molecular Biology: Where Are We Going?
To Be Determined (Moderator), Peter Black and Jeff Bruce

12:30 pm–1:30 pm

Lunch

Afternoon

1st Annual Sugita World Educational Video Symposium - Masters Presentation
Coordinated by: Kazuhiro Hongo and Thomas Origitano

Scientific Papers and/or Video Sessions



COURSES FOR NURSES AND ALLIED HEALTH

February 17 – 18, 2006

Once again, NASBS is pleased to offer the Nursing-Allied Health Professionals Session. This program is specifically designed to attract Physician Assistant, Operating Room Nurses, and Advanced Practice Nurses who specialize in ENT, Craniofacial, and Neurological Surgery involving complex surgery of the Skull Base. This year's session will be held as half-day sessions on February 17 and February 18, 2006. This will allow nurses to attend the scientific sessions in the afternoon if so desired.


Coordinator: *Barbara J. Beal, BS, RN, CPSN, CNOR, CRNFA*

FRIDAY, FEB. 17, 2006

7:00 am–7:50 am	Continental Breakfast
7:50 am–8:00 am	Welcome/Opening Remarks Barbara J. Beal, BS, RN, CPSN, CNOR, CRNFA
8:10 am–8:40 am	Modern Management of Acoustic Neuromas—A Multidisciplinary Skull Base Team Approach Sanjay Ghosh MD
8:50 am–9:20 am	Complications of Acoustic Neuromas Michael LaRouere MD
9:30 am–10:00 am	Skull Base Approaches to Posterior Circulation Aneurysms Steve Giannotta MD
10:00 am–10:30 am	Refreshment Break
10:30 am–11:15 am	Am Epidemic of Nigerian Neurofibromatosis, Multidisciplinary Team Approach Ian T. Jackson MD
11:15 am–11:30 am	Daniel R. Pieper MD
11:30 am–12:00 noon	Perioperative Nursing/Management of Neurofibromatosis Barbara J. Beal, BS, RN, CPSN, CNOR, CRNFA
12:00 noon–1:30 pm	Lunch

SATURDAY, FEB. 18, 2006

7:00 am–7:50 am	Continental Breakfast
7:50 am–8:00 am	Opening Remarks – The Nurse's Role Ellen Barker MSN, RN, CNRN
8:00 am–8:30 am	The Role of the Skull Base Coordinator-Educator, Patient Advocate, Manager Margaret Varland RN BSB
8:40 am–9:15 am	Nursing Management of Patients with Aneurysms Ellen Barker MSN, RN, CNRN
9:30 am–10:00 am	Gamma Knife Radiosurgery in Skull Base Meningioma Allyson Delaune, CNRN
10:00 am–10:30 am	Refreshment Break
10:30 am–11:00 am	Pituitary Tumors: Inpatient and Outpatient Management Dilemmas for Mid-Level Practitioners Yvonne L. Layton MC, PA-C
11:00 am–11:30 am	Complications in Pediatric Skull Base Surgery Daniel Nuss
11:30 am–12:00 noon	What is your Role in Skull Base Surgery?
12:00 noon–1:30 pm	Lunch



**North American Skull Base Society
17th Annual Meeting**

**THE 1ST SUGITA WORLD EDUCATION
VIDEO SYMPOSIUM**



WHAT: THE FIRST SUGITA WORLD EDUCATION VIDEO SYMPOSIUM

Kenichiro Sugita M.D. was a surgeon's surgeon, educator, inventor, innovator, artist and athlete. He was a pioneer in the surgical management of complex vascular and neoplastic lesions of the skull base. His contribution to the art and science of the complex lesions were always centered on education, illustration and elucidation. His fellowship program brought individuals from around the world to observe and study. His many technical contribution and innovations are still employed throughout the world even today giving testimony to the strength and durability of his contributions to the field.

sponsored by ®

To honor his contributions and his spirit of education the 17th Annual Meeting of the North American Skull Base Society is hosting the First Sugita World Video Symposium. This educational event will consist of focus video sessions submitted by invited masters and a general video session. Videos will be 10 minutes in duration and will cover a broad spectrum of surgical techniques and technical innovations relevant to cranial base surgery. All disciplines of skull base surgery are invited to submit videos. Resident applicants are encouraged to submit and an award will be given for the best resident presentation.

WHERE/WHEN: North American Skull Base Society
17th Annual Meeting: History, Education, and Futuristic Techniques
February 16-19, 2006
Pointe South Mountain Resort
Phoenix Arizona, USA

Registration for the First Sugita World Video Symposium is in conjunction with registration for the 17th Annual North American Skull Base Society.

Video Submission should be sent to: TC Origitano MD, PhD
Professor and Chair
Department of Neurological Surgery
Loyola University Medical School
Maywood, Illinois, USA 60153

VIDEO-CLIPS:

- 1) All Video-Clip submissions must be in an electronic digitized QuickTime 3 and the Sorenson video codec format to produce a low data rate movie. Movie format must be "flat files" to allow Mac/PC compatibly. **A PC FORMAT IS PREFERRED.** Compression of files is suggested. Keeping file segments under 10MB and reducing the amount of background will allow viewers to download files faster.
- 2) All digitized electronic Video-Clip files should be submitted on formatted CD ROM disks and be clearly labeled with a file name and .mov extension. Disk will be returned to authors, on request, at the meeting site, once the information has been down loaded and reviewed.
- 3) Participants are encouraged to bring a back-up disc to the meeting.
- 4) Video-Clips must be accompanied by a written cover page (similar to the type requested for manuscripts) as well as text describing the content of the clip, authors, and title and time of the video.
- 5) Videos should not exceed 10 minutes.

CALL FOR ABSTRACTS

INSTRUCTIONS

Deadline for receipt of abstracts for the February 16-19, 2006 Annual Meeting of the NASBS is November 1, 2005.

List the presenting author's full name and complete mailing address (**E-mail address is mandatory**) as well as names of co-authors. All correspondence regarding the abstract will be sent only to the presenting author. Indicate author's presentation preference. The presenting author **MUST** also answer the Disclosure of Commercial Relations section questions. After the abstract is e-mailed, receipt by NASBS will be acknowledged within **24 hours**. As soon as the Program Committee has selected the submitted abstracts for presentation, the presenting author will be notified by e-mail. Please note that all presenting authors must be registered for the Annual Meeting.

ABSTRACT CONTENT

1. The title should be in upper and lower case letters.
2. Adequately describe the objectives of the study so that the quality of the work can be evaluated by the Program Committee.
3. The abstract should contain four parts: (1) **Introduction** presenting the purpose of the study, (2) **Methods** describe the procedures and materials employed, (3) **Results** give a summary of the results and findings, and (4) **Conclusion** discusses the findings and how they relate to the stated purpose of the study and existing knowledge.
4. The abstract should not exceed 250 words in English.

PREPARE YOUR ABSTRACT

1. **The only method of abstract submission is electronic (via E-mail).** The abstract and all the information on the form may be E-mailed as an attachment (Word format, any version), or pasted into an E-mail message as generic text.
2. If you are submitting several abstracts, E-mail each abstract in a separate E-mail.
3. **In the subject line of your E-mail, include the following: NASBS Abstract #1, NASBS Abstract #2 (for second abstract), etc.**
4. Do not include charts or tables in your abstract.
5. If the abstract includes complicated symbols, it should be sent as an attachment.

E-MAIL THE ABSTRACT TO:

1. Info@nasbs.org
2. Acknowledgement of receipt will be e-mailed to the e-mail address submitting the abstract.
3. Inquire with the NASBS office if you do not receive an acknowledgement within 7 days of submission.

PRESENTATION PREFERENCE:

Please indicate how you would like to present this abstract at the Annual Meeting:

1. Oral Presentation Only
2. Poster Presentation Only
3. Oral OR Poster Presentation (at discretion of Program Committee)



CALL FOR ABSTRACTS

VIDEO PRESENTATIONS REQUESTED:

Videos of 10-15 min durations are encouraged for a video cinema in the exhibition hall. Authors are requested to provide high quality videos of directed surgical procedures, patient management issues including radiation based therapy and other technologic and therapeutic advancements. The videos will be shown on a continuous basis with the presenter only needing to be available to answer inquiries on an informal basis.

DISCLOSURE OF COMMERCIAL RELATIONSHIPS

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 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.

Please submit answers to both Sections I. and II.

- I. a. Will your presentation include discussion of any commercial products or services? Yes No
b. If Yes, do you have a significant financial interest or other relationship with the manufacturer(s) of any of the products or provider(s) of any of the services you intend to discuss? Yes No
If Yes, please list the manufacturer(s) or provider(s) and describe the nature of the relationship(s),
- II. Will your presentation include discussion of any pharmaceutical products or medical devices that are considered investigational (not FDA approved use; "off label")? Yes No

FORMAT FOR ELECTRONIC SUBMISSION OF ABSTRACT

Presenting Author:

Name & Degree:

Address (Department):

Address (Institution):

Address (Street, Suite, Box):

City, State, Postal Code, Country:

Phone, Fax, E-mail:

Co-Authors:

Co-Author (Full name and degree only); Co-Author (Full name and degree only)

Title:

Title of abstract

Abstract:

Presentation Preference:

Oral only, Poster only, Oral or Poster at the discretion of the Program Committee.

Disclosure of Commercial Relationships:

Submitted by:

CALL FOR ABSTRACTS

EXAMPLE OF FORMAT

Presenting Author: Dennis A. Velez, MD
Cerebrovascular and Skull Base Surgery Program
Division of Neurosurgery
St. Louis University
3635 Vista Avenue at Grand Blvd. St. Louis, MO 63110-0250
314-577-8849
314-268-5061 (FAX)
E-mail: dennisvelez@msn.com or velezd@health.missouri.edu

Co-Author: Saleem I. Abdulrauf, MD (corresponding author; E-mail: abdulrsi@slu.edu) Title:

The Use of Duragen in Cerebrovascular and Skull Base Surgery Introduction: Dural closure has been advocated for skull base and cerebrovascular procedures as a way to prevent cerebrospinal fluid (CSF) leaks and to promote wound healing. During these procedures the dura may need to be resected or not be available to provide effective closure. Our experience in which a dural graft matrix (Duragen, Integra Neurosciences) was used as a substitute is described.

Methods: A retrospective review of craniotomies done between October 2000 and June 2003 was undertaken. Patients in whom the frontal sinus or the mastoid air cells where traversed did not receive the dural graft matrix. Posterior fossa craniotomies where excluded. The graft was contoured to the defect and no suturing or subgaleal drains where used.

Results: A total of 182 craniotomies where performed. One hundred and fifteen (63%) craniotomies where done for aneurysms, 11 (6%) for AVMs, 12 (7%) for trauma and the remaining 44 (24%) where done for tumors including skull base meningiomas, craniopharyngiomas and pituitary tumors. Three redo craniotomies afforded the opportunity to inspect the dural graft. In one recurrent craniopharyngioma case there was adherence of the dural graft matrix to the pia. In the other two cases, cranioplasties after trauma and AVM resection, no corticogaleal adhesions where noted. None of the craniotomies where complicated by subgaleal fluid collection, CSF leak or infection.

Conclusions: The use of a dural graft matrix provides safe and effective dural closure for cases in which extensive dural resection or lack of adequate dura precludes primary closure.

Presentation Preference: Oral Presentation Disclosure of Commercial Relations:

- I. No
- II. No

Submitted by:
Dennis A. Velez, MD



HOTEL REGISTRATION FORM
THE NORTH AMERICAN SKULL BASE SOCIETY
FEBRUARY 15-19, 2006

Pointe South Mountain Resort
7777 South Pointe Parkway
Phoenix, Arizona 85044
602-438-9000

Reservation requests will be honored as space allows. You will receive a confirmation directly from the hotel.
The reservation cutoff date is January 17, 2006.

(Please print or type)

NAME _____
MAILING ADDRESS _____
CITY _____ STATE _____ ZIP _____
DAYTIME PHONE _____ FAX _____
PLEASE RESERVE _____ ROOMS FOR _____ PEOPLE.
ARRIVAL DATE _____ ARRIVAL TIME _____
DEPARTURE DATE _____

Check in time is 3:00 p.m.; checkout time is noon.

ROOM PREFERENCES

Standard Suite \$215.00 (US)
Deluxe Suite \$245.00 (US)

Smoking Nonsmoking Special Needs

Person (s) sharing the room with: _____

RESERVATION TERMS *(please read)*

The hotel will require a first night's deposit, which is refundable up to 72 hours in advance of your arrival date. Checks and credit cards are acceptable to establish prepayment. If you call to make your reservation, you must mention that you are attending the NASBS 17th Annual Meeting to obtain the special group rate.

CHECK OR MONEY ORDER

Master Card Visa Amex Discover Diners Club/Carte Blanche

Card no. _____

I authorize the hotel to charge my account for one night's deposit and applicable taxes.

Signature _____

MAIL OR FAX THIS FORM TO: Pointe South Mountain Resort
7777 South Pointe Parkway
Phoenix, Arizona 85044
602-431-6535

Or call the hotel directly at 602-438-9000 to make your reservations. Be sure to say you are with NASBS.



NORTH AMERICAN SKULL BASE SOCIETY

12100 SUNSET HILLS ROAD . SUITE 130 . RESTON, VA 20190 . 703-437-4377 . 703-435-4390

APPLICATION FOR MEMBERSHIP

Please select relevant membership:

- International Membership (\$100.00 Processing Fee)
 North American Membership (\$100.00 Processing Fee)

PERSONAL:

FIRST NAME	MI	LAST NAME	DEGREE (S)
ADDRESS (ASSOCIATION OR INSTITUTION)			
STREET			
CITY	STATE	ZIP	COUNTRY
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 # _____

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

Name on Card _____

Signature _____

Card # _____ Expiration Date _____

Please mail with payment to: NASBS. 12100 Sunset Hills Road. Suite 130, Reston, VA 20190 or Fax to: 703-435-4390

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.

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.





ANNUAL MEETING REGISTRATION FORM

Please register early for the 17th Annual Meeting. The Annual Meeting registration fee covers all scientific sessions and social program *except* the Pre-Meeting Courses, which are additional registration fees.

ANNUAL MEETING REGISTRATION FEES	PAID BY 12/1/05	PAID AFTER 12/1/05	TOTAL
Physician-Member <i>(Must be a member of NASBS, or other Skull Base Society)</i> _____	\$550.00	\$650.00	\$ _____
Physician-Non-Member	\$700.00	\$800.00	\$ _____
Resident/Fellow* <i>(Requires signature below)</i>	\$350.00*	\$450.00*	\$ _____
Allied Health	\$300.00	\$350.00	\$ _____
Accompanying Person <i>(Includes Social Program, does not attend meetings)</i>	\$300.00	\$400.00	\$ _____

REGISTRATION FEES - PRE-MEETING COURSES

Please note: Enrollment in the following courses is limited to 30 registrants. Register early to insure a space. Preference will be given to those also registered for the Annual Meeting.

Hands-On Practical Course <i>(Afternoon, Thurs, Feb 16)</i>	\$300.00	\$350.00	\$ _____
Hands-On Practical Course <i>(Afternoon, Thurs, Feb 16)*</i> Resident/Fellow*	\$200.00*	\$250.00*	\$ _____
Endoscopic Course: Hands-on Training <i>(Morning, Thurs, Feb 16)</i>	\$300.00	\$350.00	\$ _____
Endoscopic Course: Hands-on Training <i>(Morning, Thurs, Feb 16)*</i> Resident/Fellow*	\$200.00*	\$250.00*	\$ _____
BOTH Hands-On Practical & Endoscopic Course <i>(Full Day, Thurs, Feb 16)</i>	\$600.00	\$700.00	\$ _____
BOTH Hands-On Practical & Endoscopic Course <i>(Full Day, Thurs, Feb 16)*</i> Resident/Fellow*	\$400.00*	\$500.00*	\$ _____

Course for Nurses/Allied Health *(Fri, Feb 17 & Sat, Feb 18)* - No Additional Registration Fee Required. Enrollment is limited.

Registrant's Name _____

Address _____

City _____ State _____ Country _____ Zip _____

Phone _____ Fax _____ Email _____

*Program Director's Signature Required for Residents/Fellows only _____

Accompanying Person Name _____

REGISTRATION FEES MAY BE PAID WITH A PERSONAL OR INSTITUTIONAL CHECK IN US DOLLARS PAYABLE TO THE NASBS OR BY CREDIT CARD.

Please specify any special needs or dietary requirements:

Registration to paid by: Check MasterCard VISA AMEX

Name on Credit Card (please print) _____

Card Number _____ Exp Date _____

Signature _____

Please mail payment and completed registration form to:

North American Skull Base Society

NASBS/Wachovia • PO Box 758976 • Baltimore, MD 21275-8976

Fax: 703-435-4390 • Or visit the NASBS website at www.nasbs.org



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Scientific Meeting & Exhibition



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