



# NORTH AMERICAN SKULL BASE SOCIETY *Newsletter*

Volume 1

*September 2003*

Issue 1

## *President's Message*

Dear Fellow Member:

Let me extend my sincere appreciation for your confidence in electing me as your President this year to serve our organization. As we enter our 15<sup>th</sup> year, we have new challenges and exciting times ahead of us with a year full of activities.

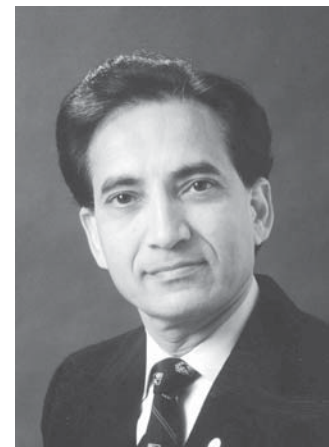
The outstanding meeting in Memphis gave us significant insight into the strength and talent that lies in our membership. We plan to utilize this to its fullest extent to make next year's annual conference even more exciting, information and comprehensive in its breadth and depth. Amongst many of the challenges that we will face this year, and the plans that we have outlined for execution, I want to draw your attention to a few.

We have engaged a new management firm, Drohan Management Group, who will be responsible for the day-to-day conduct of the business and management of the society. The Drohan Group comes with an extensive experience in management of professional organizations and conferences and conventions and my working relationship with them to date is nothing but positive as to the high level of proficient services that they will provide in running our organization. Rest assured that we are in excellent hands and I anticipate a bumper year of educational, scientific, and fiscal success.

The Research Committee has been reactivated this year with the specific charge of initiating a collaborative clinical trial for patients with unresectable epithelial malignant neoplasms involving the anterior cranial fossa. Dr. Ehab Hanna, Chairman of the Research Committee, working with Dr. Sandeep Samant, is feverishly engaged in developing this protocol, which you will receive for your review during the course of the year. The Research Committee is also charged with the responsibility of reopening the national/international registry of skull base operations for malignant diseases which will further enhance the follow up on previously registered patients (exceeding 1500) and add new patients to provide a solid international data base. Statistical data emanating from this registry will provide benchmark results for comparison with any further clinical trials. This effort is steered by Dr. Snehal Patel of the Research Committee.

The Program Committee co-chaired by Drs. Dennis Kraus and Franco DeMonte, is planning an exciting program with new events including breakfast sessions, an international forum, and panels on controversial issues. This year we also contemplate having a continuous video session available throughout the course of the meeting for those who are interested in reviewing surgical techniques. A technology session presented by the industry will be a new feature at the annual meeting whereby you will have an opportunity to quickly update your market review of the latest technological developments in instrumentation.

The Pre-Conference Practical Workshop steered by Dr. Saleem Abdul Rauf and Dr. Daniel Nuss will this year feature demonstration by "Masters" in addition to the opportunity for registrants to do individual cadaver dissections.



*... continued on page 2*

## President's Message

... continued from front cover

### Inside This Issue

President's Message	Cover
Craniofacial Surgery	3
Secretary's Message	4
Memphis Notes	4
Senior Resident Workshop	5
Invitation to Exhibit	6
Call For Abstracts	7-8
Membership Application	9
NASBS Officers	10
NASBS Headquarters	10

We have added two new features to the practical workshop this year. They are endoscopic and endoscope- assisted skull base surgery steered by Drs. Vinod Anand and Vijay Anand and reconstructive surgery of the skull base steered by Dr. Peter Costantino. Registrants to the practical course will have an opportunity to participate in all three courses. The program for nurses, physician assistants and allied personal will be dovetailed with the practical workshop and will allow an opportunity for our nurses and assistants to participate in the cadaver dissection exercises.

Our web site is being revised and reconstructed and will offer a medium to keep you continuously updated with the happenings in the Society. In addition to the web site, this newsletter edited by Dr. Anil Nanda is on your desk to bring you up to date with the ongoing activities of the Society and the proposed plans for the coming year. Above all, New Orleans in February is clearly at its best in the post-"Mardi Gras" time with outstanding cuisine, perfect weather, and typical Southern hospitality.

I am excited at the challenge of providing leadership to our illustrious organization and anticipate your support in achieving a bumper year.

With best wishes.

Sincerely yours,



Jatin P. Shah, M.D.  
President

## UPCOMING EVENTS

**Annual Meeting**  
**February 14-17, 2004**  
**Astor Crowne Plaza**  
**New Orleans, LA**

**Instructional Course**  
**February 11-13, 2004**



THE NEWSLETTER IS PUBLISHED BY NORTH AMERICAN SKULL BASE SOCIETY. ADDRESS SUBMISSIONS AND COMMENTS TO EDITOR, NASBS, 12100 SUNSET HILLS ROAD, SUITE 130, RESTON, VA 20190. NO PART OF THIS JOURNAL MAY BE REPRODUCED IN ANY FORM OR BY ANY ELECTRONIC OR MECHANICAL MEANS, INCLUDING INFORMATION STORAGE AND RETRIEVAL SYSTEMS, WITHOUT PERMISSION IN WRITING FROM THE EDITOR. COPYRIGHT 2003.

#### PRESIDENT

JATIN P. SHAH, MD  
PHONE: 212-639-7233  
E-MAIL: SHAHJ@MSKCC.ORG

#### EDITOR

DR. ANIL NANDA, MD, FACS  
PHONE: 318-675-6137  
E-MAIL: WWW.SH.ISUHSC.EDU/NEUROSURGERY

#### EXECUTIVE DIRECTOR

KATHY HOSKINS  
PHONE: (703)234-4149  
E-MAIL: INFO@NASBS.ORG

NORTH AMERICAN SKULL BASE SOCIETY, 12100 SUNSET HILLS ROAD • SUITE 130 • RESTON, VIRGINIA 20190  
(703)234-4149 • FAX (703)435-4390 • WWW.NASBS.ORG

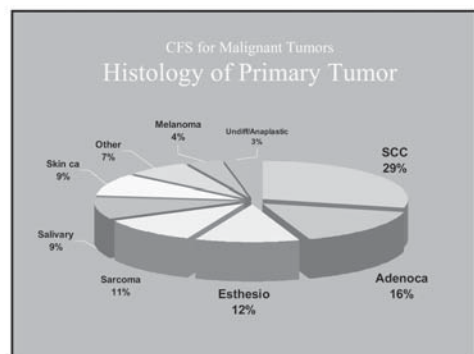


# Craniofacial Surgery for Malignant Skull Base Tumors:

## Report of an International Collaborative Study

Snehal G. Patel, MD

Craniofacial surgery (CFS) is performed for a variety of neoplasms, both benign and malignant. However, because of the relative rarity of these tumors, no single center treats enough

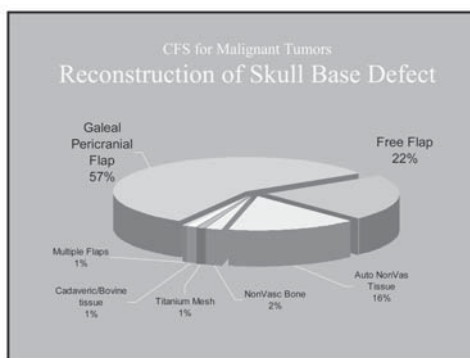


patients to accumulate significant numbers for meaningful analysis of outcomes. Therefore, an International Collaborative Study Group comprising 17 institutions was set up to report their

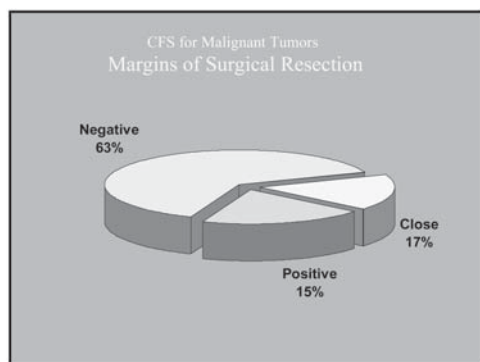
collective experience with the aim of assessing the safety and efficacy of CFS and to establish a benchmark for comparison of outcomes of other approaches and future treatment strategies.

Data from the records of 1541 patients were submitted by the 17 contributors. After

exclusions for incomplete data, 1427 patients (1307 malignant and 120 benign tumors) were eligible for analysis. The overall report on CFS for malignant tumors was presented at the 14<sup>th</sup>

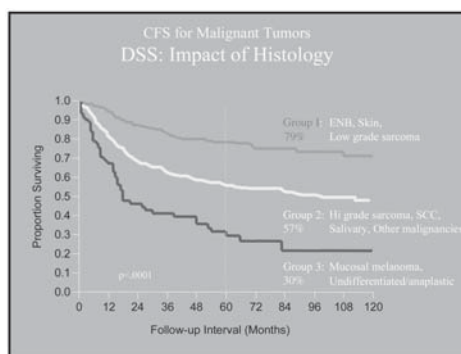


Annual Meeting of the NASBS in Memphis. The majority of tumors (87%) involved the anterior skull base, 10% involved the middle fossa while 3% involved both. Most patients (59%) had undergone some form of treatment prior to CFS. A third of the patients were recorded to have developed a postoperative complication after CFS. The commonest complications were



related to the local wound while the postoperative mortality rate was 4.3%. With a median follow-up of 25 months (range 1-940 months), the 5-year overall (OS) and disease-specific survival

(DSS) rates calculated using the Kaplan-Meier method were 54% and 60% respectively. The histology of the primary tumor, extent of intracranial extension and status of surgical margins were independently significant predictors of RFS and DSS. In addition, the presence of medical comorbidity predicted worse OS. Subset analyses of specific histologic types of tumors have also been performed. Results of analyses of patients with

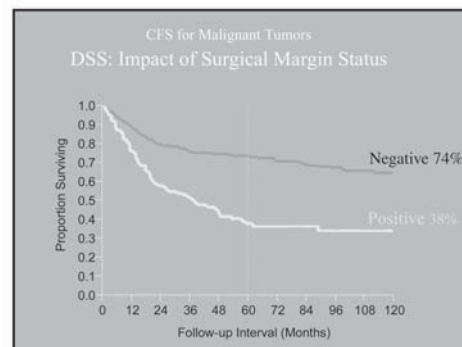


esthesioneuroblastoma (n=151), salivary tumors (n=121), sarcoma (n=146) and skin cancers (n=120) have been presented at the NASBS, the New York Head Neck Society and American Head Neck Society

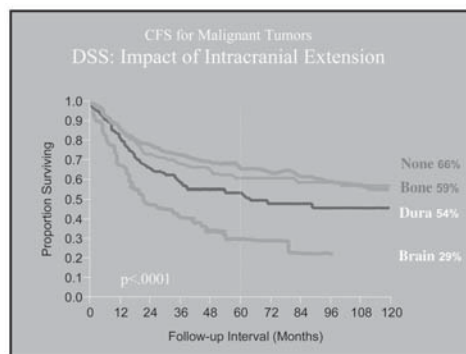
meetings. These manuscripts are currently under consideration for publication, and the initial manuscript describing the overall data has been submitted for review to Cancer. Over the next year, the NASBS plans to reopen the registry to previous participants for updating the database, and also to add new patients from interested institutions.

### Contributors:

Patrick G. Bridger, MD (Prince of Wales Hospital, Sydney, Australia), Giulio Cantu, MD (Istituto Nazionale, Milan,



Anthony D. Cheesman, FRCS (The Royal National Throat, Nose and Ear Hospital, London, UK), Geraldo M. deSa, MD (Instituto Nacional De Cancer, Rio de Janeiro, Brazil), Paul Donald, MD (UC Davis, USA), Dan Fliss, MD (Tel Aviv Sourasky Medical Center, Tel Aviv, Israel), Patrick Gullane, MD (Toronto General Hospital, Toronto, Canada), Ivo Janecka, MD



(Massachusetts Eye and Ear Hospital, Boston, USA), Shin-etsu Kamata, MD (Cancer Institute Hospital, Tokyo, Japan), Luiz P. Kowalski, MD (Hospital do Câncer A.C. Camargo, São Paulo, Brazil), Paul Levine, MD

(University of Virginia Health System, Charlottesville, Virginia, USA), Luiz R. M. dos Santos, MD (Hospital das Clinicas, São Paulo, Brazil), Sultan Pradhan, MD (Tata Memorial Hospital, Mumbai, India), Victor Schramm, MD (Center for HN, Denver, USA), Jatin P. Shah, MD (Memorial Sloan-Kettering Cancer Center, New York, USA), Carl Snyderman, MD (University of Pittsburgh, Pittsburgh, USA), William I. Wei, MD (Univ. of Hong Kong, Republic of China)

## Secretary's Message

The North American Skull Base Society newsletter has been resurrected from the ashes of the *Petrous Pulse*, and its new incarnation will be called the *North American Skull Base Society Newsletter*! We will try to make this a biannual feature with input from members, and updates regarding organizational activities including meetings, calls for abstracts, and other updates.

Firstly, I would like to salute Mr. Lawrence Leong for the tremendous job he has done for our organization over the last 13 years. He was dedicated and kind in his service as Executive Director of the NASBS, and we wish him all the best.

The Memphis conference was a resounding success, and immense credit is due to Dr. Jon Robertson for putting on a great meeting. The cadaver dissection facilities coordinated through Janice Halpern at MERI were superlative, as well. Currently an excellent program is being put together for our upcoming meeting in New Orleans, including practical workshops. The research committee is active, and a copy of the international research protocol is published in this newsletter. I urge you to visit our website as well and provide suggestions in terms of improvements and additions (<http://www.nasbs.org>).

In Memphis Dr. Brackman indicated during the general body meeting that as a neuro-otologist, he would like to see more talks/courses on issues such as brain protection. This is a multi-specialty organization, and intellectual cross-pollination is what keeps it going. In light of his suggestion, we would like to have a member survey to see what the organization is fulfilling and where our critical needs and weaknesses lie. This will bring together the collective thoughts of our constituents including head and neck surgeons, neuro-ophthalmologists, neurosurgeons, otolaryngologists, plastic surgeons, radiation therapists, and radiologists to better tailor our conferences and educational needs accordingly.

Lastly, we are also excited about the new management firm Drohan Management Group, who will coordinate our organization's needs. I feel that this will present exciting new opportunities for our organizational growth, and look forward to working with them. This is an exciting time for the NASBS, and we look forward to a fantastic meeting in New Orleans. As we say in Louisiana, "Laissez le bon temps rouler!"

Sincerely,

Anil Nanda MD, FACS  
Professor and Chairman  
Department of Neurosurgery  
LSU Health Sciences Center in Shreveport

## Memphis Meeting Notes

from the 14th Annual Meeting of NASBS

The 14<sup>th</sup> Annual Meeting of the North American Skull Base Society was held in Memphis this past February and was a grand success. The meeting started off with practical courses that were directed by Dr. Abdulrauf and Dr. Anand. There was a hands-on practical dissection course, as well as some clinical correlation talks. A new feature this year was a Nurses and Allied Health Course that was also very successful. The Medical Education Research Institute (MERI) has one of the best cadaver labs, and provided superb facilities including individual microscopes with simultaneous audiovisual display. The President's welcome reception was held at the Peabody Place Museum and Gallery, which featured a spectacular jade collection from China.

The scientific session started on Saturday, and there were some excellent panel discussions on controversies in the management of cavernous sinus meningiomas and optic nerve sheath meningiomas. Dr. Al Rhoton Jr., in his Galen-esque splendor, once again gave an illuminating anatomical talk on the skull base from front to back and below the brain. This was followed by concurrent paper sessions. Dr. Jeffrey Bruce then shared a very informative session on clinical applications on molecular biology for skull base tumors, and provided an exciting basic science session for the meeting. That evening there was a wine and cheese tasting offered in the Exhibit Hall of the Peabody Hotel, with the famed Peabody ducks taking center stage initially.



Dr. Paul Donald  
Honored Guest Speaker

On Sunday, Dr. John Popp spoke very lucidly on social economic issues, followed by Dr. Petruzzelli. Clearly one of the highlights of the meeting was the honored guest lecture by Dr. Paul Donald, where he spoke in an erudite fashion on the evolution of skull base surgery for malignancy. Dr. Donald is one of the founding presidents of this organization, and his presentation was superb. This was followed by several paper presentations and Dr. Yasargil's special invited lecture on microsurgical principals in skull base surgery. Sunday evening there was a rhythm and blues night on Beale Street, and for those interested in nothing but the Jailhouse Rock, there were tours of Graceland. On Tuesday, there were numerous other papers presented and an excellent session on acoustic neuromas, as well.



Dr. Jon Robertson  
NASBS Past President

All in all, it was a superb intellectual meeting with a lot of interaction between the various specialties. Former NASBS President Dr. Jon Robertson deserves kudos for putting on a superlative meeting, and for giving us the best in southern hospitality.



# NASBS Organizes First Senior Resident Workshop

The first Senior Resident Neurosurgical Skull Base Educational Workshop was held in Memphis on August 21-24, 2003. This was organized under the leadership of Dr. Robertson, and is the first workshop that has been specifically aimed towards senior residents. This extremely successful course was made possible by an unrestricted educational grant of \$75,000 from **MEDTRONIC**.



Thirty residents from across the country attended this course and found it to be an excellent educational experience. Dr. Rhoton's seminal lectures on anatomy were the foundation on which this course was built, and were followed by faculty members reviewing cadaver dissection and explaining individual approaches. This will be an annual tradition, and hopefully will be expanded to include otolaryngology residents as well.



NASBS President Dr. Jon Robertson, his wife, and Janice Halpern of MERI jamming on Beale Street.



***Invitation To Exhibit***  
**at the 15<sup>TH</sup> Annual Meeting & Exhibition**  
**February 14-17, 2004**

***From The President***

*On behalf of the membership of the North American Skull Base Society, I would like to extend to you a personal invitation to New Orleans. The exciting city of New Orleans offers wonderful weather in February, outstanding cuisine, terrific entertainment in the French Quarter, and above all, unforgettable Southern hospitality. In addition, there will be an exciting, interesting, and informative scientific program, consisting of a practical course with cadaver dissection and demonstrations by experts followed by the regular scientific meeting with keynote addresses, panels, symposia, proffered papers, posters and video presentations. I look forward to seeing you next February.*

*With best wishes.*

*Jatin P. Shah, M.D.*

*President*

.....  
**PRELIMINARY LIST OF EXHIBITORS**

**Aesculap**  
**Cardinal Health, V. Mueller Neuro/Spine Products**  
**Carl Zeiss Surgical, Inc.**  
**Cook Neurological**  
**Integra Neurosciences**  
**Leica Microsystems**  
**Medtronic Midas Rex**  
**Medtronic Xomed**  
**Porex Surgical, Inc.**  
**Scanlan International**  
**Stryker Labinger**  
**Synthes Maxillofacila**  
**W.L. Gore & Associates**

.....  
**For additional information you can download the brochure from  
the NASBS Website at [www.nasbs.org](http://www.nasbs.org) or contact  
Margaret A. Wanca-Daniels at 703-234-4097 or [mdaniels@drohanmgmt.com](mailto:mdaniels@drohanmgmt.com)**



# NORTH AMERICAN SKULL BASE SOCIETY

12100 Sunset Hills Road, Suite 130, Reston, VA 20190 703-234-4149

Fax: 703-435-4390 Email: [info@nasbs.org](mailto:info@nasbs.org) Website: [www.nasbs.org](http://www.nasbs.org)

## CALL FOR ABSTRACTS

### INSTRUCTIONS

Deadline for receipt of abstracts for the February 11-17, 2004 Annual Meeting of the NASBS has been extended until **December 1, 2003**. 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 should also answer the Disclosure of Commercial Relations section questions. After the abstract is e-mailed, receipt by NASBS will be acknowledged within **24 hours**. The presenting author will be asked to proof-read and confirm the abstract title and author information. 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](mailto: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)

### 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.

- 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:

## EXAMPLE OF PREFERRED FORMAT

#### Presenting Author:

Franco DeMonte, MD

Department of Neurosurgery

MD Anderson Cancer Center

1515 Holcombe Boulevard

Houston, TX 77401

Tel: 7137922400

Fax: 7137944950

E-Mail: fdemonte@mdanderson.org

#### Co-authors:

Yashail Y. Vora, MD, Edgardo Diaz, MD, Jeffrey N. Myers, MD, Dima Abi-Said, MD

#### Title:

Anterolateral Skull Base Tumors

#### Abstract:

**Introduction:** Neoplasms involving the anterolateral skull base are rare. We describe our experience at a major cancer referral center.

**Methods and Materials:** Records of patients since 1992, presenting with neoplasms involving the base of the skull bounded medially by sphenoid sinus, anteriorly by the sphenoid wings, and laterally by petrous internal carotid artery, were retrospectively reviewed.

**Results:** The median age of 28 patients was 47 years. Sarcomas were the most common tumors (46%). Squamous-cell carcinomas, chordomas and atypical/anaplastic meningiomas totaled 36%. Spread to the dura, brain or along perineural space occurred in 43%. Patients frequently required multiple surgeries (60%), chemotherapy (71%) and radiotherapy (61%). Median follow-up spanned 3.8 years. Median time to recurrence was 18.9 months with 36% of the patients being alive without cancer and 32% with cancer while 21% of patients had died from cancer. 2 patients were lost to follow-up and 1 patient died of pulmonary embolism. The 1-year and 5-year survivals were 88% and 63% respectively.

**Conclusion:** Anterolateral skull base tumor management is challenging. Tumor control and a useful survival benefit can be achieved in most patients.

#### Presentation Preference:

Oral presentation only

#### Disclosure of Commercial Relationships:

I. no

II. no

#### Submitted by:

Franco DeMonte, MD





# NORTH AMERICAN SKULL BASE SOCIETY

## Application for Membership

**INSTRUCTIONS:** Application should be typewritten for accuracy. Send completed form and a \$100 processing fee payable to the North American Skull Base Society to: **North American Skull Base Society**

**12100 Sunset Hills Road, Suite 130  
Reston, VA 20190**

### PERSONAL:

FIRST NAME	MI	LAST NAME	DEGREE (S)
ADDRESS (ASSOCIATION OR INSTITUTION)			
STREET			
CITY	STATE	ZIP CODE	COUNTRY
TELEPHONE	FAX	E-MAIL ADDRESS	

### MEDICAL EDUCATION:

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

### EXPERIENCE:

CURRENT CLINICAL SPECIALTY: \_\_\_\_\_ NUMBER OF YEARS IN PRACTICE: \_\_\_\_\_

HOSPITAL AFFILIATIONS: \_\_\_\_\_

TEACHING PROGRAM AFFILIATION: \_\_\_\_\_

SOCIETY MEMBERSHIPS (ABBREVIATE): \_\_\_\_\_

ARE YOU BOARD CERTIFIED IN YOUR SPECIALTY?  NO  YES IF YES, YEARS OF CERTIFICATION: \_\_\_\_\_

### REFERENCES: (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 #
-----------	------	-------------------

## North American Skull Base Society

### Officers

#### President

Jatin P. Shah, MD  
Memorial Sloan-Kettering Cancer Center  
1275 York Avenue  
New York, NY 10021  
Telephone: 212-639-7233  
FAX: 212-717-3302  
E-mail: shahj@mskcc.org

#### Secretary

Anil Nanda, MD  
Department of Neurosurgery  
Louisiana State University  
Health Sciences Center  
1501 Kings Highway  
Shreveport, LA 71130-3932  
Telephone: 318-675-6404  
FAX: 318-675-4615  
E-mail: ananda@lsuhsc.edu

#### Treasurer

Guy J. Petruzzelli, MD, PhD  
Department of Otolaryngology  
Loyola University Medical Center  
2160 S. First Avenue  
Maywood, IL 60153  
Telephone: 708-216-9183  
FAX: 708-216-4834  
E-mail: gpetruz@lumc.edu

#### President-Elect

Patrick Gullane, MD  
Toronto, Ontario, Canada

#### Immediate Past-President

Jon H. Robertson, MD  
Memphis, TN

#### Board of Directors

Douglas Bigelow, MD (2004)  
Don Wright, MD (2004)  
Eugene Hug, MD (2004)  
Peter Costantino, MD (2005)  
Franco DeMonte, MD (2005)  
W. Scott Jellish, MD (2005)  
Michael Holliday, MD (2006)  
Joseph Zabramski, MD (2006)  
Suresh Mukherji, MD (2006)

#### Board of Advisors

Jon H. Robertson, MD (2008)  
Vinod Anand, MD (2007)  
Ian T. Jackson, MD (2006)  
Robert Spetzler, MD (2005)  
John Leonetti, MD (2004)



# NASBS Headquarters

Effective March 1, 2003, Drohan Management Group became the new headquarters for the North American Skull Base Society. DMG ranks in the top dozen of association multi-management organizations and has a staff of over 30 employees, whose expertise will be available in carrying out various functions of our society.

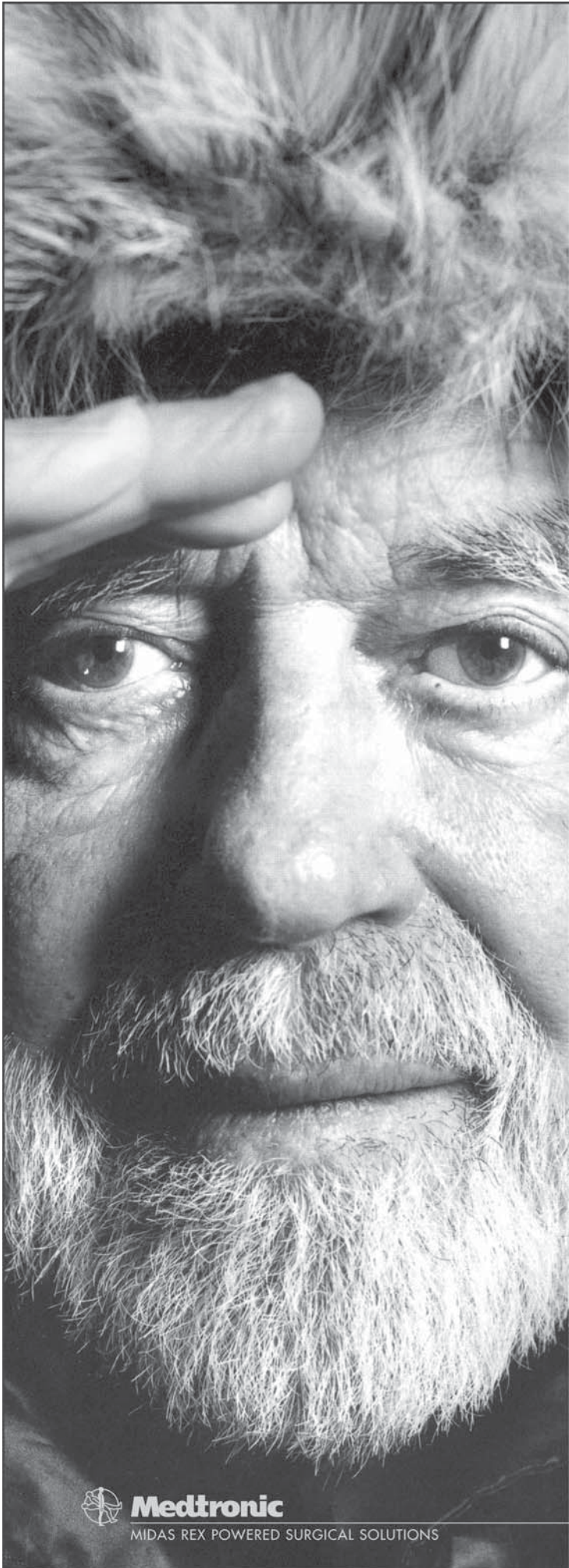
Kathy Hoskins will serve as the NASBS Executive Director. Kathy has worked in the association management industry for 12 years and has extensive experience with both scientific and medical societies. In this capacity, she has been involved in conference planning, marketing, membership development, board and committee communication, and support of several associations. She has been a senior account executive with DMG for seven years and serves as executive director of several societies.

Elisa Lucini is the administrator and Lori Ruhlin is the administrative assistant for NASBS. Elisa Lucini has been in the meeting planning industry for over four years. She has been with DMG and on Kathy Hoskin's team for one year. Lori Ruhlin is new to the DMG Team, as of April this year. She has an extensive customer service background, 5 years at the managerial level, along with over 3 years executive administrative experience. Please feel free to contact them with any questions regarding your membership.

The new NASBS address is 12100 Sunset Hills Road, Suite 130, Reston, VA 20190. *Please note the new phone number is 703-234-4149 and fax number is 703-435-4390.*

## DO WE HAVE YOUR CURRENT MAILING INFORMATION?

Please make sure to contact  
NASBS at [info@nasbs.org](mailto:info@nasbs.org) with  
your current mail, fax, and email  
information to ensure you  
receive all NASBS materials.



# *What makes a Legend?*

"Dream big and dare to fail. Do not give credence to the words no or can't. No matter how bold, dreams can be yours. Do not yield. Remain steadfast."

*- Colonel Norman Vaughan  
Member of the first American expedition  
to Antarctica in 1928*

From 1928 to 1930, Norman Vaughan led the dog teams that carried Admiral Byrd across the Antarctica to land never before seen by man. In tribute, Admiral Byrd named a mountain after him. In 1995, following a lifelong dream, Vaughan climbed the 10,302 feet to reach the summit of Mt. Vaughan three days before his 89th birthday.

Legends - they dream bigger. They inspire those around them. And at the most crucial times, they perform at the highest level. Qualities you'll appreciate in the Medtronic Midas Rex Legend System, four new high-speed motors with a single line of interchangeable attachments and tools. For more information please call us at 1-800-643-2773.

MIDAS REX™  
*Legend*



**Medtronic**

MIDAS REX POWERED SURGICAL SOLUTIONS

Federal Law (USA) restricts this device for sale by or on the order of a physician.  
Patents Pending © Medtronic, Inc. 2003





**NORTH AMERICAN SKULL BASE SOCIETY**

12100 Sunset Hills Road, Suite 130  
Reston, VA 20190

Return Service Requested

PRESORTED  
FIRST CLASS MAIL  
US POSTAGE PAID  
LAUREL, MD  
PERMIT NO.6326



*Plan To Attend!*

# 15th Annual Meeting

February 11 – 17, 2004

Astor Crowne Plaza

New Orleans, Louisiana

NORTH AMERICAN SKULL BASE SOCIETY