



message from the PRESIDENT



ACR/ABR Summit: Reducing Radiation Exposure in Imaging

Timothy L. Larson, MD

This summer I had the privilege of representing the ASHNR at retreats sponsored by the ACR and ABR respectively. The overriding theme for both was patient safety. There was specific emphasis on radiation protection, although topics included the safe use of contrast agents, imaging of pregnant patients, etc. This emphasis is a response to the growing recognition of the role that medical imaging plays in radiation exposure of the population at large. There have been a number of articles in the lay press raising public and regulatory concerns. CT has been called out in particular because of the number of exams performed (62 million annually, 3 million in 1980) and since the radiation dose involved is in the range associated in population studies with an increased risk of cancer.

The purpose of the ABR meeting specifically was to develop performance quality improvement (PQI)

projects that would fulfill part 4 of the MOC process and result in a real reduction in radiation exposure to the population at large, with particular emphasis on pediatric patients. There was acknowledgement that much needs to be done cooperatively with referring physicians, insurers, regulatory agencies and vendors as outlined recently in an ACR whitepaper in 2007. However, it was also clear that much could be accomplished in the short term by radiologists while at the same time fulfilling the MOC requirements.

Specific projects discussed in the head and neck/neuroradiology section included: (a) use of MRI instead of CT in pediatric patients being followed after CSF shunt placement. (b) Use of automatic dose reduction strategies built into CT scanners that can otherwise be bypassed. (c) Standardized reporting templates that include dose estimates from the procedure (which in

the near future could be compared to a national database). (d) Recording of the patient's cumulative dose in the medical record. The goal is to begin having ABR-approved PQI projects available by the spring of 2009.

What are we doing? As a small society with limited resources but close ties to the ASNR, the ASHNR has decided to work closely with the ASNR in developing education content that would help meet the requirements of the MOC. In the future, this could include PQI projects where the ASHNR has special expertise. Additional consideration might include specific talks at the ASHNR Annual Meeting regarding patient safety topics and funding of research from the Core Curriculum Fund. Finally, if you have developed PQI projects in your practice specifically related to head and neck imaging, we would be interested in hearing from you.

ASHNR 42nd Annual Meeting Program

Program Chair: Edward E. Kassel, MD

Wednesday, September 10, 2008

10:45am-Noon Early Bird Temporal Bone Study Club
Moderators: *Susan I. Blaser, MD, H. Ric Harnsberger, MD, and Joel D. Swartz, MD*

Noon-12:50pm Lunch on your own

12:50-1:00pm Welcome
Edward E. Kassel, MD

Head and Neck Emergencies

Moderators: *Lindell R. Gentry, MD, and Patricia A. Hudgins, MD*

1:00-1:40pm The Swollen Neck
Patricia A. Hudgins, MD

1:40-2:10pm Laryngeal Trauma and Airway Compromise
Karen L. Salzman, MD

2:10-2:30pm Temporal Bone Emergencies in Children
Susan I. Blaser, MD

2:30-3:00pm Temporal Bone and Posterior Skull Base Trauma
Deborah R. Sbatzkes, MD

3:00-3:20pm Break & Visit Technical Exhibits

3:20-3:50pm Orbital-Ocular Emergencies
Kristine M. Mosier, DMD, PhD

3:50-4:20pm Clinical Perspectives of Orbital Emergencies
Dan D. DeAngelis, MD

4:20-4:50pm Mandibular and Facial Trauma
Lindell R. Gentry, MD

4:50-5:25pm Craniofacial Trauma and Post-Traumatic Deformities: What the Surgeon Needs to Know and Why!
Oleb M. Antonyshyn, MD

5:25-5:55pm Panel Discussion and Questions

5:55-6:30pm Case Review: Head and Neck Emergencies
Joel K. Curé, MD

6:30pm Opening Reception

Thursday, September 11, 2008

6:45-7:15am Continental Breakfast

Anatomy and Pediatrics

Moderators: *H. Christian Davidson, MD and Caroline D. Robson, MB, ChB*

7:15-7:45am The Suprahyoid Neck: Anatomy and Imaging Issues
Richard H. Wiggins, III, MD

7:45-8:15am The Infrahyoid Neck: Anatomy and Imaging Issues
H. Christian Davidson, MD

8:15-8:45am The Pediatric Skull Base: Anatomy and Imaging Issues
Gary L. Hedlund, DO

8:45-9:15am Non-Neoplastic Neck Masses in the Child
Bernadette L. Koch, MD

9:15-9:45am Head and Neck Neoplasms in the Child
Caroline D. Robson, MB, ChB

9:45-10:05am Break & Visit Technical Exhibits

Vascular/Vasoformative Lesions of the Head and Neck

Moderator: *Michele H. Johnson, MD*

10:05-10:35am Vasoformative Anomalies and Vascular Tumors
Anton N. Hasso, MD

10:35-11:05am Endovascular Treatment of Head and Neck Vascular Pathologies
Karel G. terBrugge, MD

11:05am-Noon Scientific Paper Session
Moderators - *William P. Dillon, MD and Anthony A. Mancuso, MD*

Noon-12:05pm Review of Wednesday Case-of-the-Day
Philip R. Chapman, MD



12:05-1:30pm Gold Medal Award Luncheon
Honoring 2008 Gold Medal
Recipient: William P. Dillon, MD

Maxilla-Mandible, Teeth, and TMJ

Moderators: *Kristine M. Mosier, DMD, PhD and*
Per-Lennart A. Westesson, MD, PhD

1:30-1:55pm The Basics of Dental Anatomy and
Nomenclature
James J. Abrahams, MD

1:55-2:25pm Mandibular and Maxillary Tumors
and Mimics
Per-Lennart A. Westesson, MD, PhD

2:25-2:55pm New Developments in Oral
Surgical Approaches
Cameron M.L. Clokie, DDS, PhD

2:55-3:30pm Craniofacial Mandibular
Reconstructions in Children
Christopher R. Forrest, MD, MSc

3:30-3:50pm Break & Visit Technical Exhibits

3:50-4:50pm Clinical, Imaging and Treatment
Aspects of TMJ Disease
David J. Psutka, DDS, Per-Lennart
A. Westesson, MD, PhD, Gerald Baker,
DDS and Edward E. Kassel, MD

4:40-5:10pm Panel Discussion and Questions

5:10-6:30pm Stump the Stars
Moderators: *C. Douglas Phillips, MD*
and Richard H. Wiggins, III, MD

Panelists:

A- Anthony A. Mancuso, MD and
Suresh K. Mukherji, MD

B- William P. Dillon, MD and
Laurie A. Loevner, MD

C- Roy A. Holliday, MD and
Wendy R.K. Smoker, MS, MD

6:30pm Adjourn

Friday, September 12, 2008

6:45-7:15am Continental Breakfast

Oral Cavity–Oropharynx-Neck

Moderators: *Hugh D. Curtin, MD and*
Lawrence E. Ginsberg, MD

7:15-7:45am Normal Anatomy and Imaging
Issues
Kristine M. Mosier, DMD, PhD

7:45-8:15am Diseases of the Oral Cavity/
Oropharynx and Patterns of Spread
Lawrence E. Ginsberg, MD

8:15-8:45am The Buccal Space
Deborah L. Reede, MD

8:45-9:15am Parapharyngeal and Masticator
Spaces
Hugh D. Curtin, MD

9:15-9:45am Parotid Space
Edward E. Kassel, MD

9:45-10:00am Break & Visit Technical Exhibits

10:00-10:05am Review of Thursday Case-of-the-
Day
Rebecca S. Cornelius, MD

10:05-10:35am A Node is a Node is a Node...or is it?
Jane L. Weissman, MD

10:35-11:05am Imaging of Thyroid Pathology
Yoshimi Anzai, MD

11:05-11:30am Case Review
Robert W. Dalley, MD

11:30am-12:55pm Scientific Paper Session
Moderators: *Patricia A. Hudgins,*
MD and C. Douglas Phillips, MD

12:55-1:10pm Annual Business Meeting
(*ASHNR Members Only*)

1:10pm Lunch on your Own and Free
Afternoon

Saturday, September 13, 2008

6:45-7:15am Continental Breakfast

7:15-7:45am Scientific Paper Session
Moderators: *Laurie A. Loevner, MD*
and Suresh K. Mukherji, MD

7:45-7:50am Review of Friday Case-of-the-Day
Daniel P. Hsu, MD

Head and Neck Oncology and PET/CT

7:50-8:20am PET/CT for SCC: Indications and
Imaging Technique
Barton F. Branstetter, IV, MD

8:20-8:50am Larynx: Anatomy and Pathways of
Tumor Spread
Hilda E. Stambuk, MD

Meeting Program continued on page 4

Meeting Program continued from page 3

8:50-9:20am	Post-Treatment Imaging of the Larynx and Hypopharynx <i>Suresh K. Mukherji, MD</i>
9:20-9:50am	Nasopharynx and Skull Base: Normal Anatomy <i>Nancy J. Fischbein, MD</i>
9:50-10:10am	Break & Visit Technical Exhibits
10:10-10:40am	Nasopharyngeal Malignancy and Patterns of Spread <i>Laurie A. Loevner, MD</i>
10:40-11:10am	Post-Treatment Neck <i>Daniel W. Williams, III, MD</i>
11:10am-Noon	Gold Medal Lecture Inflammation and Cancer: Friends, Foe or Both <i>Peter M. Som, MD</i>
Noon-1:10pm	Lunch on your own
Temporal Bone, Skull Base, and Cranial Nerves	
Moderators: <i>Timothy L. Larson, MD and Wendy R.K. Smoker, MS, MD</i>	
1:00-1:30pm	Temporal Bone: Normal Anatomy with 3T MR and 0.4 Multislice CT. How Far Can We Go? <i>H. Ric Harnsberger, MD</i>
1:30-1:55pm	Petrous Apex <i>Vijay M. Rao, MD</i>
1:55-2:15pm	Conductive Hearing Loss <i>John I. Lane, MD</i>
2:15-2:35pm	Sensorineural Hearing Loss <i>Robert J. Witte, MD</i>
2:35-3:00pm	Temporal Bone Inflammatory Disease <i>Joel D. Swartz, MD</i>
3:00-3:20pm	Break & Visit Technical Exhibits
3:20-3:25pm	Awards Announcement for Scientific Papers and Educational Exhibits <i>Michelle A. Michel, MD</i>
3:25-3:55pm	The Post-Operative Temporal Bone <i>Timothy L. Larson, MD</i>

3:55-4:25pm	Facial Nerve <i>C. Douglas Phillips, MD</i>
4:25-5:05pm	Patterns of Denervation in the Head and Neck <i>Wendy R.K. Smoker, MS, MD</i>
5:05-5:30pm	Case Review <i>Bronwyn E. Hamilton, MD</i>
5:30pm	Adjourn
6:00-6:10pm	Depart for Evening at Casa Loma

Sunday, September 14, 2008

7:00-7:30am	Continental Breakfast
--------------------	-----------------------

Sinonasal and Orbit Imaging

Moderator: *Michelle A. Michel, MD*

7:30-8:00am	Orbit Imaging: Utilizing a Pattern-Based Approach <i>Deborah R. Shatzkes, MD</i>
8:00-8:30am	Sinonasal Disease: Critical Anatomy and Inflammatory Patterns <i>Christine M. Glastonbury, MBBS</i>
8:30-9:00am	Sinonasal Tumors: Imaging and Staging <i>Ilona M. Schmalzfuss, MD</i>
9:00-9:30am	The Post-Surgical Sinonasal Patient <i>Michelle A. Michel, MD</i>
9:30-10:00am	Specific Imaging Issues in the Pediatric Orbit and Sinuses <i>Larissa T. Bilaniuk, MD</i>
10:00-10:20am	Break & Visit Technical Exhibits
10:20-10:50am	Imaging of Facial Aesthetics <i>Charles J. Schatz, MD</i>
10:50-11:20am	The Olfactory Tract: Anatomy and Pathology <i>David M. Yousem, MD</i>
11:20-11:50am	Case Review <i>Bidyut K. Pramanik, MD</i>
11:50-Noon	Final Questions and Remarks <i>Edward E. Kassel, MD</i>
Noon	Meeting Concludes

Visit www.ashnr.org for information on restaurants and for things to do or see in Toronto.

Members Demonstrate Support by Contributing to Core Curriculum Fund

The ASHNR wishes to acknowledge and thank the following members who have contributed to the *ASHNR Core Curriculum Fund* from April 15, 2008 to July 31, 2008.

The funds collected will be used by the Society to provide quality benefits and educational programs, as described in the article below.

Lindell R. Gentry, MD
Jonathan M. Gusdorff, DO
Jonathan A. Morgan, MD
Bidyut K. Pramanik, MD
Varadareddy T. Reddy, MD

To make a tax deductible donation, send your check, made payable to the *ASHNR Core Curriculum Fund*, to: ASHNR

Core Curriculum Fund, 2210 Midwest Road, Suite 207, Oak Brook, Illinois 60523-8205.

ASHNR Core Curriculum Fund (CCF) Mission Statement, Guidelines, and Investment Policy

Mission Statement

The mission of the CCF is to sponsor educational and research activities that advance the field of Head & Neck imaging. To this end, the CCF may:

1. Sponsor non-member educators in radiology or allied fields of medicine to speak at ASHNR Annual Meetings.
2. Defray travel costs and registration fees for head and neck radiologists who could not otherwise afford to attend the ASHNR Annual Meeting.
3. Provide grants for researchers in the field of Head and Neck Imaging as a mechanism for encouraging their development into academicians.
4. Sponsor other activities as identified by the ASHNR Executive Committee.

The CCF is dedicated to the concept of continual growth of the CCF corpus while simultaneously funding as many educational and academic activities as possible. Only new money

from investments or new contributions from members will be considered for use in funding educational or research activities. Control of CCF activities rests in the hands of the ASHNR Executive Committee. All educational or research grants will be awarded based on an annual review of the funds available in the CCF. Annual Meeting non-member educator support needs and researcher starter grant applications will be reviewed on an annual basis by the ASHNR Executive Committee. An annual grant application process will be developed by the ASHNR Educational Committee to support this process.

Guidelines

1. Annually, the CCF may grow as a result of three mechanisms:
 - New money from CCF investments
 - New money from ASHNR member contributions
 - New money from overflow from the ASHNR Assets accounts

(Money Market and Checking Accounts) as defined in the CCF Investment Policy document.

2. Once the total growth figure for the CCF is determined each year, 75% of the total dollar growth will be made available to fund as many educational and research grants. This policy allows for 25% of the total annual growth to be preserved in the CCF.
3. The CCF corpus (total assets) will never fall below the previous calendar year's total asset value.
4. The ASHNR Education Committee at the Spring Meeting of the ASHNR Executive Committee will approve annual grant assignments.
5. The CCF should have two portfolios: Restricted and Unrestricted. The Restricted portfolio should not be spent. The Restricted funds should be invested to grow the fund corpus. The Unrestricted portfolio supplies the funding for grants and is to be maintained in a liquid account to fulfill this function.

CCF Guidelines continued on page 7

ASNR 2008 Outstanding Presentation Awards

By Carolyn Cidis Meltzer, MD, ASNR Education Committee

ASNR is pleased to announce the winners of the *Outstanding Presentation Awards*. The overall quality of the paper and poster presentations at the New Orleans meeting was excellent, and the winners should be commended for their outstanding work. A \$1,000 award will be given to the primary author of each winning presentation.

Seven awards were presented in six categories: in *Adult Brain/General Neuroradiology* (two awards, one awarded by the ASNR, and another awarded by Bayer Healthcare Pharmaceuticals), *Functional, Head and Neck, Interventional*

(The Michael Brothers Memorial Award), *Pediatrics* (The Derek Harwood-Nash Award), and *Spine*. Both awards in Adult Brain/General Neuroradiology were selected by a panel of ASNR members under the direction of the Education Committee. The five subspecialty awards were judged by panels selected from each of the specialty societies, including ASFNR, ASHNR, ASPNR, ASSR, and SNIS. The ASNR thanks all the judges for their tremendous effort in evaluating the presentations. Congratulations to the winners!

Head and Neck Radiology

Paper 244: A New and Failsafe Method of Labeling Cross-Sectional Images for Sidedness

Mackey, J.K.¹ • Cunnane, M.E.² • Curtin, H.D.³

(¹J. Kevin Mackey, MD, Inc., Los Angeles, CA, ²Massachusetts Eye and Ear Infirmary, Boston, MA, ³Massachusetts Eye and Ear Infirmary, Harvard University, Boston, MA)

Disclosure: J.K. Mackey, Owns the patent for the technical device presented in this abstract; M.E. Cunnane, None; H.D. Curtin, None.

General Neuroradiology

PAPER 35: Lead Exposure During Childhood Disrupts Adult Brain Metabolism

Cecil, K.M.¹ • Dietrich, K.N.² • Altaye, M.¹ • Egelhoff, J.C.¹ • Wessel, S.D.² Lanphear, B.P.¹

(¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH, ²University of Cincinnati, Cincinnati, OH)

Bayer Best Paper Award in General Neuroradiology

PAPER 23: Prediction of Conversion from Clinically Isolated Syndrome to Clinically Definite Multiple Sclerosis Using Diffusion Tensor Imaging

Jewells, V.L. • Chen, Y. • Speer, D. • Markovic-Plese, S. • Armao, D. • An, H. Zu, H. • Bullitt, E. • Lin, W.

(University of North Carolina, Chapel Hill, NC)

Functional Neuroradiology

(Due to a tie in review scores, this award is being given to two recipients.)

PAPER 211: Detection of BOLD Response to Single Stimuli in Single Functional Units of Human Visual Cortex Demonstrated at 3.0 T

Atkinson, I.C. • Nemani, A. • Flannery, M.P. • Thulborn, K.R.

(University of Illinois at Chicago, Chicago, IL)

POSTER 25: Automated Generation of Diffusion Tensor Tractography Maps

Nucifora, P.G.P. • Wu, X. • Melhem, E.R. • Longhead, J. • Gur, R.E. • Gur, R.C. • Verma, R.

(University of Pennsylvania, Philadelphia, PA)

Interventional Neuroradiology

(The Michael Brothers Memorial Award)

Paper 443: Histopathologic Changes in Brain Arteriovenous Malformations after Embolization with Onyx® or n-BCA

Natarajan, S.K. • Born, D. • Ghodke, B. • Britz, G.W. • Sekhar, L.N.

(University of Washington, Seattle, WA)

Pediatric Neuroradiology

(The Derek Harwood-Nash Award)

PAPER 185: Changes in Global Rates of Cerebral Perfusion Associated with Normal Development as Measured with MR Arterial Spine Labeling

Whitlow, C.T. ¹ • Pollock, J.M.¹ • Kraft, R.A.¹ • Mussat-Whitlow, B.J.² Tan, H.¹ • Burdette, J.H.¹ • Maldjian, J.A.¹

(¹Wake Forest University School of Medicine, Winston-Salem, NC, ²Winston-Salem State University, Winston-Salem, NC)

Spine Radiology

PAPER 315: Perfusion CT Measurements in Cervical Spinal Cord: Feasibility and Reproducibility of the Study as Well as Interchangeability of the Measurements Using Two Commercially Available Software Packages

Bisdas, S.¹ • Rumboldt, Z.¹ • Surlan, K.² • Deveikis, J.¹ • Spampinato, M.¹

(¹Medical University of South Carolina, Charleston, SC, ²Clinical Centre Ljubljana, Ljubljana, SLOVENIA)



CCF Guidelines continued from page 5

Investment Policy Objective

1. Maintain a steady flow of funds to ensure financial growth of the CCF.
2. Fund education and research projects in head and neck radiology.

Funding Source

Society Assets

Maintain \$250,000 in Money Market and Checking accounts to cover anticipated Administrative and Annual Meeting expenses. Based on total cash assets at the previous year-end,

annually transfer (in January/February) excess Assets above \$250,000 into the ASHNR Investment Program as follows:

- **75 percent** to CCF
- **25 percent** to general investment account

Decisions on future amounts and percentages of funds to be transferred are subject to change based on the discretion of the ASHNR Executive Committee, in consultation with Investment Manager.

CCF Mission Statement and Guidelines regarding preservation of CCF corpus, spending amounts, and process for submitting applications for ASHNR education and research projects will be developed by ASHNR Executive Committee with Investment Manager consultation.

Dr. Rao Named Levin Endowed Chair at Jefferson

As reported in the People in The News section of the August 2008 issue of *RSNA News*, ASHNR Past-President Vijay M. Rao, MD, has become the first David C. Levin Professor and Chair of the Department of Radiology at Jefferson

Medical College and Thomas Jefferson University Hospital in Philadelphia.

Dr. Levin was professor and chair of the department from 1986 until semi-retirement in 2002. Dr. Rao succeeded Dr. Levin and became the

first woman to chair a clinical department in Jefferson's 194-year history. The endowment resulted from a gift to Jefferson in Dr. Levin's honor by Arthur and Marilyn Penn of New York.

The American Society of Head
and Neck Radiology

Invites all **Active** (voting) Members to
attend the

2008 ASHNR Annual Business Meeting

Friday, September 12

12:55–1:10 p.m.

Location: Toronto Ballroom 1

The Hilton Toronto

Toronto, Ontario, Canada

Watch your mail for more information on this meeting.

Resources available at www.ashnr.org

We encourage you to visit the ASHNR website, www.ashnr.org. You will find complete information on the ASHNR *42nd Annual Meeting*. You will be able to register online and make your hotel reservations, as well as download the complete registration brochure that includes the program schedule. You will also find a link to the *American Journal of Neuroradiology*, ASHNR's official journal, and a membership application. Invite a colleague to apply.

In the *Members Only* section, you can access the online membership directory, and past issues of *ASHNR News*. To access the *Members Only* section, use the following User Name and Password:

User Name: ashnrmember

Password: world



**AMERICAN SOCIETY OF HEAD
AND NECK RADIOLOGY**

2210 MIDWEST ROAD, SUITE 207
OAK BROOK, IL 60523-8205

PRESORTED
FIRST CLASS
U.S. POSTAGE
PAID
PERMIT NO. 335
FOX VALLEY, IL



AMERICAN SOCIETY OF HEAD AND NECK RADIOLOGY

ASHNR Administrative Office

2210 Midwest Road, Suite 207
Oak Brook, IL 60523-8205
Phone: (630) 574-0220, x226 or 234
Fax: (630) 574-0661
E-mail: kcammara@asnr.org or
bmack@asnr.org
Website: www.ashnr.org

ASHNR Meeting Planner's Office

Ryals & Associates, Inc.
6438 U.S. Highway 11
P.O. Box 380
Springville, AL 35146
Phone: (205) 467-3158
Fax: (205) 467-3199
E-mail: ron@ryalsmeet.com
Website: www.ryalsmeet.com

42nd Annual Meeting

September 10–14, 2008
Hilton Toronto Hotel
Toronto, Ontario, Canada

43rd Annual Meeting

September 9–13, 2009
Saraton New Orleans Hotel
New Orleans, Louisiana

ASHNR 2007–2008 Executive Committee

Timothy L. Larson, MD
President

Edward E. Kassel, MD
President-Elect

Laurie A. Loevner, MD
Vice-President

Lawrence E. Ginsberg, MD
Treasurer

Suresh K. Mukherji, MD
Secretary

H. Ric Harnsberger, MD
Immediate Past President

Lindell R. Gentry, MD
Rules Committee Chair

C. Douglas Phillips, MD
Member-at-Large
ACR Councilor

Michelle A. Michel, MD (ex officio)
Education Committee Chair