

Contents

President's Letter	3
Faculty	4
General Introduction	8
Officers, Committees, and Invited Speakers	10
Course Description	12
Meeting Schedule	14
Posters	23
Abstracts	28
Wednesday, April 4th, 2001	28
Thursday, April 5th, 2001	78
Friday, April 6th, 2001	126
Saturday, April 7th, 2001	181
Sunday, April 8th, 2001	223

President's Letter

Dear Colleagues,

Welcome to the 19th annual meeting of the Society of Thoracic Radiology. Both the postgraduate course and the scientific presentations should be outstanding and I hope will be well received by both the Society members and the registrants.

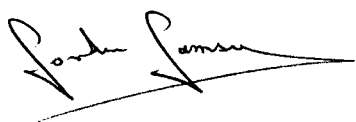
Dr Jeff Galvin has brought together a faculty of almost 100 speakers to present a very comprehensive course. Three distinguished nonmember speakers have been invited to present at the course. These are Drs Richard Helmers, Eric Hoffman, and Paul Chang. Their expert knowledge will complement the wealth of talent we have in the Society. Dr Paul Chang will give the Felson Memorial Lecture.

Drs Gerry Abbott and Paul Molina have coordinated the scientific presentations. All of our thanks should go to them for this time-consuming task.

It is a pleasure to announce that the Society has reached a membership of 500, and we continue to grow. This size membership will give us added representation at the American College of Radiology.

On behalf of the Society of Thoracic Radiology, I welcome you warmly to the meeting and course and hope they fulfill your expectations. We all deeply appreciate your attendance. If there is anything we can do to make your week more enjoyable, please contact our staff.

With Best Wishes,

A handwritten signature in black ink, appearing to read "Gordon Gamsu", with a long horizontal flourish extending to the right.

Gordon Gamsu, MD, FACR
President, STR

Faculty

Gerald F. Abbott, MD
Rhode Island Hospital/Brown University
Providence, RI

Judith K. Amorosa, MD
UMDNJ-Robert Wood Johnson Medical School
New Brunswick, NJ

Suzanne L. Aquino, MD
Massachusetts General Hospital
Boston, Mass

Alexander A. Bankier, MD
University of Vienna
Vienna, Austria

Poonam Batra, MD
UCLA Center for Health Sciences
Los Angeles, Calif

Phillip M. Boiselle, MD
Beth Israel Deaconess Medical Center
Boston, Mass

Lynn S. Broderick, MD
University of Wisconsin Hospitals
Madison, Wis

Alan S. Brody, MD
Children's Hospital Medical Center
Cincinnati, Ohio

Paul J. Chang, MD
University of Pittsburgh Medical Center
Pittsburgh, Pa

Marvin H. Chasen, MD
M.D. Anderson Cancer Center
Houston, Tex

Caroline Chiles, MD
Wake Forest University School of Medicine
Winston-Salem, NC

Jannette Collins, MD, MEd
University of Wisconsin Hospitals and Clinics
Madison, Wis

Dewey J. Conces, Jr, MD
Indiana University Hospital
Indianapolis, Ind

Philip Costello, MD
Brigham and Women's Hospital
Boston, Mass

Jeremy J. Erasmus, MD
Duke University Medical Center
Durham, NC

Joel E. Fishman, MD, PhD
University of Miami
Miami, Fla

Tomás C. Franquet, MD
Hospital de Sant Pau
Barcelona, Spain

Aletta A. Frazier, MD
Armed Forces Institute of Pathology
Washington, DC

Irwin M. Freundlich, MD
Tucson, Ariz

Jeffrey R. Galvin, MD
Armed Forces Institute of Pathology
Washington, DC

Gordon Gamsu, MD
New York Presbyterian Hospital/
Weill Cornell Medical Center
New York, NY

Michelle S. Ginsberg, MD
Memorial Sloan-Kettering Cancer Center
New York, NY

Jonathan G. Goldin, MBChB, PhD
UCLA Medical Center
Los Angeles, Calif

Curtis E. Green, MD
Fletcher Allen Health Care
Burlington, Vt

George W. Gross, MD
University of Maryland Medical System
Baltimore, Md

James F. Gruden, MD
Emory University Hospital
Atlanta, Ga

Jud W. Gurney, MD
Mayo Clinic
Rochester, Minn

Eric M. Hart, MD
Northwestern University Medical School
Chicago, Ill

Hiroto Hatabu, MD, PhD
University of Pennsylvania Medical Center
Philadelphia, Pa

Richard Helmers, MD
Mayo Clinic Scottsdale
Scottsdale, Ariz

Claudia I. Henschke, MD, PhD
New York Presbyterian Hospital/Weill
Medical College-Cornell University
New York, NY

Laura E. Heyneman, MD
Duke University Medical Center
Durham, NC

Charles B. Higgins, MD
University of California San Francisco
San Francisco, Calif

Eric A. Hoffman, PhD
University of Iowa College of Medicine
Iowa City, Ia

Takeshi Johkoh, MD, PhD
Osaka University Medical School
Suita, Osaka, Japan

Ella A. Kazerooni, MD
University of Michigan Medical Center
Ann Arbor, Mich

Jeffrey S. Klein, MD
Fletcher Allen Health Care
Burlington, Vt

Jane P. Ko, MD
New York University Medical Center
New York, NY

Janet E. Kuhlman, MD
University of Wisconsin Medical School
Madison, Wis

Kyung S. Lee, MD
Samsung Medical Center
Seoul, South Korea

Ann N. Leung, MD
Stanford University Medical Center
Stanford, Calif

Martin J. Lipton, MD
University of Chicago
Chicago, Ill

David A. Lynch, MD
University of Colorado HSC
Denver, Colo

Heber MacMahon, MD
University of Chicago Hospitals
Chicago, Ill

Pierre D. Maldjian, MD
University Hospital Newark
Newark, NJ

Humberto O. Martinez, MD
Jackson Memorial Hospital/University of Miami
Miami, Fla

H. Page McAdams, MD
Duke University Medical Center
Durham, NC

Georgeann McGuinness, MD
New York University Medical Center
New York, NY

Theresa C. McLoud, MD
Massachusetts General Hospital
Boston, Mass

Cristopher A. Meyer, MD
Zionsville, Ind

Wallace T. Miller, Jr, MD
University of Pennsylvania Hospital
Philadelphia, Pa

Paul L. Molina, MD
University of North Carolina School of Medicine
Chapel Hill, NC

Brian F. Mullan, MD
University of Iowa Hospitals and Clinics
Iowa City, Ia

Reginald F. Munden, DMD, MD
M.D. Anderson Cancer Center
Houston, Tex

David P. Naidich, MD
New York University Medical Center
New York, NY

John D. Newell, Jr, MD
University of Colorado HSC
Denver, Colo

Kook Sang Oh, MD
University of Chicago Children's Hospital
Chicago, Ill

Mayur M. Patel, MD
Sinai Hospital of Baltimore
Baltimore, Md

Edward F. Patz, Jr, MD
Duke University Medical Center
Durham, NC

Steven L. Primack, MD
Oregon Health Sciences University
Portland, Ore

Robert D. Pugatch, MD
University of Maryland Medical System
Baltimore, Md

Leslie E. Quint, MD
University of Michigan Medical Center
Ann Arbor, Mich

Gautham P. Reddy, MD
University of California San Francisco
San Francisco, Calif

Melissa L. Rosado de Christenson, MD
Armed Forces Institute of Pathology
Washington, DC

Santiago Rossi, MD
Capital Federal Argentina

Anna Rozenshtein, MD
St. Luke's Hospital
New York, NY

Geoffrey D. Rubin, MD
Stanford University Medical Center
Stanford, Calif

Sanford A. Rubin, MD
University of Texas Medical Branch
Galveston, Tex

Ana M. Salazar, MD
Thomas Jefferson University Hospital
Philadelphia, Pa

Ernest M. Scalzetti, MD
SUNY Upstate Medical University
Syracuse, NY

David S. Schwartz, MD
University of Miami School of Medicine
Miami, Fla

Kitt Shaffer, MD, PhD
Dana Farber Cancer Institute
Boston, Mass

Rosita M. Shah, MD
Thomas Jefferson University Hospital
Philadelphia, Pa

David K. Shelton, Jr, MD
UCD Medical Center
Sacramento, Calif

Jo-Anne O. Shepard, MD
Massachusetts General Hospital
Boston, Mass

Satinder P. Singh, MD
University of Alabama Hospital
Birmingham, AL

William Stanford, MD
University of Iowa Hospitals and Clinics
Iowa City, Ia

Robert M. Steiner, MD
New York Presbyterian Hospital/
Weill Cornell Medical Center
New York, NY

Eric J. Stern, MD
University of Washington
Seattle, Wash

Stephen J. Swensen, MD
Mayo Clinic
Rochester, Minn

Philip A. Templeton, MD
University of Maryland Medical System
Baltimore, Md

Manuel Viamonte, Jr, MD
Mount Sinai Medical Center
Miami Beach, Fla

Kay H. Vydareny, MD
Emory University Hospital
Atlanta, Ga

Charles S. White, MD
University of Maryland Medical System
Baltimore, Md

Beverly P. Wood, MD, MSc
USC Health Sciences Campus
Los Angeles, Calif

Pamela K. Woodard, MD
Mallinckrodt Institute of Radiology
Saint Louis, Mo

Jack A. Ziffer, MD, PhD
Baptist Hospital
Miami, Fla

Boca Raton Resort & Club

The Boca Raton Resort & Club is located in the heart of Florida's Gold Coast in fabled Palm Beach County. The Boca Raton Resort & Club is one of the country's premier destination resorts and private club facilities. Set on 356 acres within a backdrop of casual elegance, Boca's amenities include two 18-hole championship golf courses, 30 tennis courts, a half-mile stretch of private beach, several pools, three fitness centers, a full-service marina, and a variety of water sports. In addition, the Boca Raton Resort & Club features an outstanding selection of dining options and a full range of activities, including a comprehensive children's program.

Boca Raton offers a year-round tropical climate, with average temperatures ranging from 73° in the winter to 83° in the summer.

Upcoming Meetings

Society of Thoracic Radiology

2002

March 24–28, 2002
(Sunday–Thursday)
The Fairmont Hotel
San Francisco, California

2003

March 2–6, 2003
(Sunday–Thursday)
Loews Miami Beach Hotel
Miami, Florida

Registration Hours

Tuesday, April 3	4:00 PM–6:00 PM
Wednesday, April 4	7:30 AM–5:30 PM
Thursday, April 5	7:30 AM–6:30 PM
Friday, April 6	7:30 AM–6:30 PM
Saturday, April 7	7:30 AM–6:00 PM
Sunday, April 8	7:30 AM–10:30 AM

The registration desk will be located in the Grand Assembly West of the Mizner Center.

Speaker Preview Room

The speaker preview room will be open as follows:

Tuesday, April 3	12:00 PM–6:00 PM
Wednesday, April 4	7:00 AM–5:30 PM
Thursday, April 5	7:00 AM–5:30 PM
Friday, April 6	7:00 AM–5:30 PM
Saturday, April 7	7:00 AM–5:30 PM
Sunday, April 8	7:00 AM–10:00 AM

The speaker preview room will be located in the Veranda Salon I of the Mizner Center.

Society Membership Information

Membership in the Society of Thoracic Radiology is open to any practitioner who performs the majority of his or her work in the field of thoracic radiology. If you are interested in receiving further information, contact:

Society of Thoracic Radiology
820 Jorie Blvd
Oak Brook, IL 60523
Telephone: (630) 368-3779
Fax: (630) 571-7837
E-mail: str@rsna.org

Officers

Gordon Gamsu, MD, President

Jeffrey R. Galvin, MD, President-Elect, Program Director

Ella A. Kazerooni, MD, Treasurer

Robert D. Tarver, MD, Secretary

Stephen J. Swensen, MD, Immediate Past President

Robert M. Steiner, MD, Past President

Past Presidents

S. David Rockoff, MD

Frederick P. Stitik, MD

Lawrence R. Goodman, MD

Harold Baltaxe, MD (deceased)

Carl J. Zylak, MD

Ernest J. Ferris, MD

Eric N. C. Milne, MD

Theresa C. McLoud, MD

David J. Delancy, MD

Jack L. Westcott, MD

W. Richard Webb, MD

Robert D. Pugatch, MD

Sanford A. Rubin, MD

J. David Godwin II, MD

Nestor L. Müller, MD, PhD

Denise R. Aberle, MD

Robert M. Steiner, MD

Stephen J. Swensen, MD

Program Committee

Program Committee

Jeffrey R. Galvin, MD, Program Director
Melissa L. Rosado de Christenson, MD

Scientific Program Committee

Gerald F. Abbott, MD, Director
Paul L. Molina, MD

Invited Speakers for Thoracic Imaging 2001

Scanlon Symposium Lecturer

Richard Helmers, MD
Professor of Medicine
Mayo Clinic Scottsdale
Scottsdale, Arizona

New Horizons Lecturer

Eric A. Hoffman, PhD
Professor of Radiology and Bio-Engineering
University of Iowa College of Medicine
Iowa City, Iowa

Benjamin Felson Memorial Lecturer

Paul J. Chang, MD
Professor of Radiology
University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania

Course Description

The course is designed for radiologists and other physicians with an interest in chest and cardiac imaging. Thoracic Imaging 2001 is the 19th Annual Meeting and Postgraduate Course of the Society of Thoracic Radiology. This 5-day meeting will feature internationally recognized experts in thoracic imaging and related clinical disciplines and will include the following:

1. Dedicated symposia on:
 - Infiltrative Lung Disease
 - The Diagnosis of Lung Cancer
 - Cardiac Ischemia and the Role of Imaging
 - Digital Image Display and Transfer
 - Functional Chest Imaging
 - Airways Disease
 - Infectious Lung Disease
 - Technical Issues in Imaging
 - Teaching and Electronic Presentation
2. Scientific sessions and poster presentations.
3. An Expert Film Panel that provides the “expert’s” approach to the differential diagnosis of unknown cases.
4. Small-group workshops (13) by experts in pediatric and adult chest imaging.

Course Objectives

At the completion of the course, the attendee will be able to:

1. Describe a multifaceted approach to the assessment of diffuse lung disease.
2. Summarize the current controversies related to the diagnosis of lung cancer, and review the appearance of neoplastic, infectious, and traumatic processes in the chest.
3. Summarize the emerging role of functional imaging in the chest.
4. Summarize the role of imaging in the assessment of ischemic heart disease and pulmonary vascular disease.
5. Describe the current state of digital imaging, with emphasis on picture archiving and communication systems (PACS), digital image manipulation, and distance learning.
6. Describe advanced techniques in computed tomography (CT), magnetic resonance (MR) imaging, nuclear medicine, and positron emission tomography (PET) as they relate to chest disease.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Radiological Society of North America and the Society of Thoracic Radiology. The Radiological Society of North America is accredited by the ACCME to provide continuing medical education for physicians.

The Radiological Society of North America designates this Continuing Medical Education activity for a maximum of 39.25 hours in category 1 credit toward the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

Target Audience

This meeting is designed for general diagnostic radiologists, chest radiologists, cardiac radiologists, pulmonologists, internists, family physicians, thoracic surgeons, and chest-oriented residents and fellows.



This icon indicates discussion of uses not approved by the FDA. The RSNA and STR recognize that at scientific meetings faculty may discuss the application of some devices, materials, or pharmaceuticals that are not FDA approved. In keeping with the highest standards of professional integrity and ethics, RSNA and STR require that faculty fully disclose to their audience that there will be discussion of the unlabeled use of a commercial product, devices, or pharmaceutical that has not been approved for such purpose by the FDA.

Society of Thoracic Radiology Scientific Program

April 4, 2001

General Session—Grand GHIJ

7:30–8:00 AM Coffee and Pastries—Grand Assembly

Cases of the Day

Moderator: Melissa L. Rosado de Christenson, MD

7:30–7:45 AM Case of the Day
Melissa L. Rosado de Christenson, MD

7:45–8:00 AM Case of the Day
Tomás C. Franquet, MD

Scanlon Symposium: Assessment of Diffuse Lung Disease—Part I

Moderator: Jannette Collins, MD, MEd

8:00–8:25 AM Clinical Approach to Diffuse Lung Disease
Richard Helmers, MD

8:25–8:45 AM Imaging of the Idiopathic Interstitial Pneumonias
Jeffrey R. Galvin, MD

8:45–9:05 AM Thoracic Manifestations of Collagen Vascular Disease:
Imaging Findings
Steven L. Primack, MD

9:05–9:25 AM Occupational and Environmental Lung Disease
David A. Lynch, MD

9:25–9:45 AM High-Resolution CT: Technique and Pitfalls
Georgeann McGuinness, MD

9:45–10:00 AM Panel Discussion and Questions

10:00–10:15 AM Break

Scanlon Symposium: Assessment of Diffuse Lung Disease—Part II

Moderator: Melissa L. Rosado de Christenson, MD

10:15–10:40 AM The Clinical Spectrum of Sarcoidosis
Richard Helmers, MD

10:40–11:00 AM Thoracic Sarcoidosis: Patterns and Differential Diagnosis on CT
Caroline Chiles, MD

11:00–11:20 AM Radiation Injury of the Lung
Reginald F. Munden, MD

11:20–11:40 AM The Use of Gallium 67 in Interstitial Lung Disease
David K. Shelton, MD

Wednesday

11:40 AM–Noon Panel Discussion and Questions

Noon–1:00 PM Lunch (on your own)

The Diagnosis of Lung Cancer

Moderator: Paul L. Molina, MD

1:00–1:25 PM Early Lung Cancer Action Project: Findings on Baseline and Annual Repeat Screening CT
Claudia I. Henschke, MD, PhD

1:25–1:50 PM Lung Cancer Screening: Low-Dose CT
Stephen J. Swensen, MD

1:50–2:10 PM Integration of Biomarkers and Imaging Studies for Tumor Detection
Edward F. Patz, Jr, MD

2:10–2:30 PM Staging Lung Cancer and the New Mountain Classification: Multimodality Approach
Theresa C. McLoud, MD

2:30–2:50 PM The Solitary Pulmonary Nodule
Jeffrey S. Klein, MD

2:50–3:20 PM Panel Discussion and Questions

3:20–3:35 PM Break

Other Neoplastic Processes in the Chest

Moderator: Leslie E. Quint, MD

3:35–3:55 PM Pulmonary Metastases: Biology and Radiology
Michelle S. Ginsberg, MD

3:55–4:15 PM Postlobectomy Anatomy
Marvin H. Chasen, MD

4:15–4:35 PM Benign Tumors of the Chest
Dewey J. Conces, Jr, MD

4:35–4:55 PM Neuroendocrine Tumors of the Thorax
Gerald F. Abbott, MD

4:55–5:15 PM The Spectrum of Appearance of Lymphoma
Kitt Shaffer, MD, PhD

5:15–5:30 PM Panel Discussion and Questions

6:30–7:30 PM STR Members' Reception—Cloister Garden

7:30 PM STR Members' Dinner—Valencia

7:30–8:00 AM Coffee and Pastries—Grand Assembly

Cases of the Day

Moderator: Melissa L. Rosado de Christenson, MD

7:30–7:45 AM Case of the Day
Santiago Rossi, MD

7:45–8:00 AM Case of the Day
Cristopher A. Meyer, MD

New Horizons: Functional Imaging in the Chest

Moderator: Jeffrey R. Galvin, MD

8:00–8:40 AM Image-based Functional Measurements in the Chest
Eric A. Hoffman, PhD

8:40–9:05 AM Functional Imaging of the Lung and Quantitative Analysis Using
Computed Tomography
Jonathan G. Goldin, MBChB, PhD

9:05–9:30 AM Functional MR Imaging of the Lung
Hiroto Hatabu, MD, PhD

9:30–9:55 AM Why and How Should Emphysema Be Quantified on CT?
Alexander A. Bankier, MD

9:55–10:15 AM Panel Discussion and Questions

10:15–10:30 AM Break

**STR NASCI Cardiovascular Symposium:
Ischemia and Imaging**

Moderator: Pamela K. Woodard, MD

10:30–10:50 AM The Role of Diagnostic Imaging in the Evaluation of Patients with
Acute Chest Pain
Jack A. Ziffer, MD, PhD

10:50–11:10 AM Helical CT and Electron-Beam CT Imaging of Coronary Calcium:
An Update
William Stanford, MD

11:10–11:30 AM Potential Role of MRI in Ischemic Heart Disease
Charles B. Higgins, MD

- 11:30–11:50 AM Cardiac Imaging with Multidetector-Row CT
Geoffrey D. Rubin, MD
- 11:50 AM–Noon Panel Discussion and Questions
- Noon–2:15 PM STR Lunch and Annual Business Meeting—Valencia

**Cardiovascular Symposium (continued):
The Heart and Associated Blood Vessels**

Moderator: Robert M. Steiner, MD

- 2:15–2:35 PM Cardiac Diagnosis: How to Approach the Chest Radiograph
Martin J. Lipton, MD
- 2:35–2:55 PM Teaching Cardiac and Great Vessel Anatomy with CT-derived 3D Reconstructions
Anna Rozenshtein, MD
- 2:55–3:15 PM MRI of Congenital Heart Disease
Gautham P. Reddy, MD
- 3:15–3:35 PM Pericardial Imaging
Lynn S. Broderick, MD
- 3:35–3:55 PM MR Imaging in Right Ventricular Dysplasia
Joel E. Fishman, MD, PhD
- 3:55–4:25 PM Imaging the Patient with Pulmonary Hypertension
Aletta Ann Frazier, MD, Robert M. Steiner, MD
- 4:25–4:50 PM Helical CT for Pulmonary Embolism: Current Status
Ella A. Kazerooni, MD
- 4:50–5:15 PM Panel Discussion and Questions

Benjamin Felson Memorial Lecture

Moderator: Jeffrey R. Galvin, MD

- 5:30–6:30 PM Information Management: PACS, Patient Data, and Diagnosis
Paul J. Chang, MD
- 6:30–8:00 PM Reception—Grand Lawn

7:30–8:00 AM Coffee and Pastries—Grand Assembly

Cases of the Day

Moderator: Melissa L. Rosado de Christenson, MD

7:30–7:45 AM Case of the Day
Satinder P. Singh, MD

7:45–8:00 AM Case of the Day
Ana M. Salazar, MD

Airways

Moderator: Ann N. C. Leung, MD

8:00–8:20 AM Diseases of the Trachea
Wallace T. Miller, Jr, MD

8:20–8:40 AM Bronchitis, Bronchiectasis, and Bronchiolitis: The Role of Imaging
Rosita M. Shah, MD

8:40–9:10 AM CT of Small Airways Diseases
Gordon Gamsu, MD

9:10–9:30 AM Emphysema in Infants and Children
Kook Sang Oh, MD

9:30–9:50 AM Imaging of Airways: Role of Multidetector CT
David P. Naidich, MD

9:50–10:05 AM Panel Discussion and Questions

10:05–10:20 AM Break

Image Storage, Transfer, and Manipulation

Moderator: Philip A. Templeton, MD

10:20–10:40 AM Computer-aided Diagnosis for Chest Radiology
Heber M. MacMahon, MD

10:40–11:00 AM The Pitfalls in the Interpretation of Temporal Subtraction for Chest Radiographs
Takeshi Johkoh, MD, PhD

11:00–11:20 AM Multimodal Image Registration in Thoracic Imaging
Suzanne L. Aquino, MD

11:20–11:40 AM Practical PACS: What the “Experts” Won’t Tell You
Eric M. Hart, MD

11:40 AM–Noon Panel Discussion and Questions (Selecting PACS, DR, and CR for your Practice. *Paul J. Chang, MD*, will join the panel.)

Noon–1:00 PM Lunch (on your own)

Infections

Moderator: Sanford A. Rubin, MD

- 1:00–1:20 PM Bacterial Infections of the Lung
David S. Schwartz, MD
- 1:20–1:40 PM Tuberculosis in the 21st Century
Sanford A. Rubin, MD
- 1:40–2:00 PM Pulmonary Nontuberculous Mycobacterial Infection
H. Page McAdams, MD
- 2:00–2:20 PM Pulmonary Infections in the Bone Marrow Transplant Patient
Ann N. C. Leung, MD
- 2:20–2:40 PM Immune Restoration Disease in AIDS: What the Radiologist Needs to Know
Joel E. Fishman, MD, PhD
- 2:40–3:00 PM Pulmonary Infections in AIDS: New Trends and Changing Patterns
Phillip M. Boiselle, MD
- 3:00–3:10 PM Panel Discussion and Questions
- 3:10–3:25 PM Break

Modality Updates

Moderator: Charles S. White, MD

- 3:25–3:45 PM CT Fluoroscopy
Charles S. White, MD
- 3:45–4:05 PM Radiation Dose Considerations in Chest CT
Ernest M. Scalzetti, MD
- 4:05–4:25 PM Thoracic MRI Technique and Interpretation
Philip Costello, MD
- 4:25–4:45 PM PET Scanning: Practical Applications and Pitfalls in the Thorax
Jo-Anne O. Shepard, MD
- 4:45–5:05 PM Practical Nuclear Medicine for Thoracic Radiologists
Mayur M. Patel, MD
- 5:05–5:15 PM Questions and Discussion

Unknown Case Session

Moderator: Robert D. Pugatch, MD

7:30–8:00 AM Coffee and Pastries—Grand Assembly

Cases of the Day

Moderator: *Melissa L. Rosado de Christenson, MD*

7:30–7:45 AM Case of the Day
Judith K. Amorosa, MD

7:45–8:00 AM Case of the Day
John D. Newell, Jr, MD

Scientific Sessions

8:00–9:40 AM Scientific Session I
Moderator: *Gerald F. Abbott, MD*

10:00 AM–Noon Scientific Session II
Moderator: *Paul L. Molina, MD*

Noon–1:00 PM Lunch (on your own)

ICU and Other Topics

Moderator: *Janet E. Kuhlman, MD*

1:00–1:20 PM Multidetector Evaluation of Blunt Thoracic Trauma
Janet E. Kuhlman, MD

1:20–1:40 PM Radiology of Monitoring Devices
Poonam Batra, MD

1:40–2:00 PM CT Dose and Radiation Risk in Children
Alan S. Brody, MD

2:00–2:20 PM Human Adjuvant Disease
Manuel Vaimonte, Jr, MD

2:20–3:00 PM Panel Discussion and Questions

3:00–3:15 PM Break

Teaching and Learning Workshop

Moderator: *Eric J. Stern, MD*

3:15–3:45 PM Preparation of Digital Images for Presentation and Publication
Eric J. Stern, MD

3:45–4:15 PM Effective Slide Presentation
Lynn S. Broderick, MD

4:15–4:45 PM Druids of the Desert: Strategies for Effective Teaching
Brian F. Mullan, MD

4:45–5:15 PM Publishing on the Web
Jud W. Gurney, MD

5:15–5:45 PM Adults as Learners: What They Need to Do and How to Get There
Beverly P. Wood, MD, MSc

5:45–6:00 PM Panel Discussion and Questions

7:30–8:00 AM Coffee and Pastries—Grand Assembly

Cases of the Day

Moderator: Melissa L. Rosado de Christenson, MD

7:30–7:45 AM Case of the Day
Kyung Soo Lee, MD

7:45–8:00 AM Case of the Day
Jane P. Ko, MD

8:00–11:00 AM **Workshops**

Track 1—Grand C

Moderator: Melissa L. Rosado de Christenson, MD

8:00–8:30 AM Mesothelioma (MPM): Update in Staging and Imaging
Jeremy J. Erasmus, MD

8:30–9:00 AM Peripheral Lung Disease: Living on the Edge
Jannette Collins, MD, MEd

9:00–9:30 AM The Radiologic and Pathologic Spectrum of Bronchopulmonary Carcinoids
Kay H. Vydareny, MD

9:30–10:00 AM Thoracic Cavitory Disease in the New Millennium
Humberto O. Martinez, MD

10:00–10:30 AM Neonatal Intensive Care Chest Radiology
George W. Gross, MD

10:30–11:00 AM Multichannel CT Pulmonary Angiography: Current and Future Directions
James F. Gruden, MD

11:00–11:30 AM Interventional Chest Radiology
Cristopher A. Meyer, MD

Track 2—Grand D

Moderator: Gerald F. Abbott, MD

8:00–8:30 AM Tricks of the Trade: Reading CXRs and CTs on a Workstation
David K. Shelton, Jr, MD

8:30–9:00 AM Congenital Pulmonary Vascular Anomalies: The Ins and Outs
Laura E. Heyneman, MD

9:00–9:30 AM Lobar Atelectasis: Radiographic CT Correlation
Kyung Soo Lee, MD

9:30–10:00 AM Recognition and Evaluation of Abnormal Cardiac Findings on Chest CT
Curtis E. Green, MD

10:00–10:30 AM Anterior Mediastinal Masses
Pierre D. Maldjian, MD

10:30–11:00 AM Pulmonary Aspergillosis: An Interconnected Spectrum
Irwin M. Freundlich, MD

Notes

A large empty rectangular area with a thin black border, intended for taking notes. The border is composed of a vertical line on the left, a horizontal line at the bottom, and a short horizontal line on the right, with rounded corners at the bottom-left and bottom-right.