

BONUS

Essentials of Physics & Case Review Saturday, April 22th • 7.5 Additional Hours

37th Annual

Radiology Review Course

Hotel del Coronado • Coronado, California

April 16 - 22, 2017 Up to 58.25 *AMA PRA Category 1 Credit(s)*TM

ALSO OFFERING 7 SAM SESSIONS!



About The Meeting...

The *37th Annual* Radiology Review Course will cover a wide range of topics common to most current diagnostic radiology practices. It is organized in focus sessions, by organ system, in all subspecialty areas of Diagnostic Radiology. Some sessions will include discussion on related image guided interventions and medical imaging physics. In addition, to regular Continuing Medical Education (CME) sessions, specific sessions of the meeting program will be submitted for SAM qualification to help satisfy participants' SAM requirements for board recertification.

Target Audience

The course is designed as a comprehensive review of the field of Diagnostic Radiology with supplemental medical physics for both practicing radiologists as well as radiologists-in-training preparing for the Core Exam of the American Board of Radiology.

Accreditation

The University of California, San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of 58.25 *AMA PRA Category 1 Credit(s)*^T. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Category A/A+ CE Credit is pending approval by the ASRT.

The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit ucsd.edusymp.com or call 1-800-338-5901 regarding the availability of Category A CE credit.

SAM Credit

Certain sessions of the meeting program will be submitted for SAM qualification. The total number of approved SAM credits available will be confirmed approximately 21 days prior to the meeting.

EDUCATIONAL OBJECTIVES

Attendees should, at the completion of this course, be able to:

- Discuss the differential diagnosis of the imaging appearance of common disease processes with appropriate imaging and clinical follow-up recommendations.
- Describe the role of new imaging techniques in diagnostic radiology.
- Discuss basic vascular and non-vascular interventional procedures.
- Explain medical radiation safety, the physics of and mechanisms to obtain medical images, and common imaging artifacts, and select non-interpretive skills.

No special educational preparation is required for this CME activity.

Meeting Information

Registration Information

Tuition includes all course materials, including a comprehensive course syllabus, daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after April 6, 2017. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to March 17, 2017. will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

Cultural and Linguistic Competency

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups, and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at http://cme.ucsd.edu.

Disclaimer

The University of California, San Diego School of Medicine, as sponsor of this meeting, Educational Symposia, as planner of this function, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any supplier to this meeting nor the safety of any attendee while in transit to or from this event or any optional activities. The total amount of liability, if any, will be limited to a refund of the attendance fee, and Professional Travel's responsibility is limited to that of an agent. Purchase non-refundable airline tickets at your own risk.

Disclosure

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms: 1) altering the financial relationship with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussions of off label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

Special Note for the Disabled

Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.

If you receive more than one brochure, please pass the extra along to a colleague.

Faculty

Program Co-Directors: Cynthia S. Santillan, M.D., FSAR James Y. Chen, M.D.

Lejla Aganovic, M.D.

Associate Professor of Radiology University of California, San Diego VA Medical Center

Sudha A. Anupindi, M.D.

Associate Professor of Radiology The Children's Hospital of Philadelphia University of Pennsylvania Perelman School of Medicine

Hamed Aryafar, M.D.

Assistant Professor Vascular and Interventional Radiology University of California, San Diego

Sharon Brouha, M.D., MPH

Assistant Professor Department of Radiology University of California, San Diego

Julie Bykowski, M.D. Associate Professor, Radiology University of California, San Diego

Giovanna Casola, M.D., FRCPC, FACR

Professor of Radiology University of California, San Diego

Fiona Cassidy, M.D.

Associate Professor of Radiology University of California, San Diego VA Medical Center

James Y. Chen, M.D.

Associate Professor Program Director, Neuroradiology Fellowship University of California, San Diego San Diego VA Medical Center

Karen C. Chen, M.D.

Associate Professor of Radiology University of California, San Diego VA Medical Center

Nathaniel Chuang, M.D.

Chief of Neuroradiology Rady Children's Hospital, San Diego Associate Professor of Radiology University of California, San Diego

Christine B. Chung, M.D. Professor of Radiology

University of California, San Diego

Mohammad Eghtedari, M.D., Ph.D.

Assistant Professor of Radiology Breast Imaging University of California, San Diego Guest Faculty: Sudha A. Anupindi, M.D. Edwin L. Palmer, M.D. Ryan Viets, M.D. Daniel E. Wessell, M.D., Ph.D.

Michael Gabe, M.D.

Assistant Clinical Professor University of California, San Diego

Eric Goodman, M.D. Associate Professor of Radiology University of California, San Diego

Jason Handwerker, M.D. Associate Professor of Radiology

UC San Diego Health System

Carl K. Hoh, M.D.

Associate Professor of Radiology Division Chief Nuclear Medicine University of California, San Diego

Brady Huang, M.D. Assistant Professor of Radiology University of California, San Diego

Steven G. Imbesi, M.D. *Professor of Radiology and Neurosurgery University of California, San Diego*

Roland R. Lee, M.D., FACR

Professor of Radiology Director of Magnetoencephalography University of California, San Diego Director of MRI and Director of Neuroradiology VA San Diego Healthcare System

Jeet Minocha, M.D.

Assistant Professor Department of Radiology, Section of Interventional Radiology University of California, San Diego

John Naheedy, M.D.

Rady Children's Hospital, San Diego University of California, San Diego

Isabel G. Newton, M.D., Ph.D.

Physician, Radiology Service VA San Diego Healthcare System Assistant Professor, Non-Salaried University of California, San Diego

Mary K. O'Boyle, M.D., FAIUM

Professor of Radiology Chief of Ultrasound Division University of California, San Diego

Haydee Ojeda-Fournier, M.D.

Associate Professor of Radiology Medical Director, Breast Imaging University of California, San Diego

Faculty (Continued)

Edwin L. Palmer, M.D.

Director of Clinical Nuclear Medicine/PET Massachusetts General Hospital Boston, MA

Mini N. Pathria, M.D.

Professor of Radiology Chief, Musculoskeletal Imaging University of California, San Diego

Dolores H. Pretorius, M.D., FACR, FAIUM

Professor of Radiology Director of Imaging UCSD Fetal Care and Genetics Center University of California, San Diego

Katherine M. Richman, M.D.

Medical Director of Thornton Radiology Professor of Radiology University of California, San Diego

Gerant M. Rivera-Sanfeliz, M.D. Professor of Radiology University of California, San Diego

Steven C. Rose, M.D., FSIR Professor of Radiology Section Chief, Interventional Oncology University of California, San Diego

Cynthia S. Santillan, M.D., FSAR

Associate Professor of Radiology Chief, Body Imaging Section Medical Director of CT University of California, San Diego

Claude Sirlin, M.D.

Professor of Radiology Chief, Abdominal MRI Director, Liver Imaging Group University of California, San Diego

Edward Smitaman, M.D.

Assistant Professor of Radiology University of California, San Diego

Ryan Viets, M.D.

Neuroradiology and Neurointerventional Surgery X-ray Medical Group, Inc. Sharp HealthCare System San Diego, CA

Elizabeth K. Weihe, M.D.

Assistant Professor of Radiology University of California, San Diego

Daniel E. Wessell, M.D., Ph.D.

Senior Associate Consultant Musculoskeletal Division Department of Radiology Mayo Clinic Florida

Andrew C. Yen, M.D.

Assistant Professor of Radiology University of California, San Diego

Faculty & topics subject to change.

ACCOMMODATIONS

MAKE RESERVATIONS ONLINE: http://ucsd.edusymp.com

About The Resort

Experience the artful blend of elegance and tradition at the Hotel del Coronado. The Del's most traditional San Diego beach accommodations reflect the resort's classic heritage in their charming décor. Housed in the original Victorian building, a National Historic Landmark, the Del blends romantic, 19th-century ambiance with modern comforts for today's traveler.

How to Get There

Fly directly to San Diego International Airport, located just 17 minutes from the Hotel Del Coronado.

SPACE IS LIMITED – RESERVE TODAY: Call Hotel Del Coronado Reservations at: 1-800-468-3533 and provide Group Code UCS0414 or book online at: https://resweb.passkey.com/Resweb.do?mode = welcome_ei_new&eventID = 15060360. Call Professional Travel at 800-237-7230 for further assistance.

Program

Sunday, April 16, 2017

Sunday, April 10,	2017	
12:30 PM - 1:40 PM	Registration	
1:40 – 1:45	Introduction	
1:45 – 2:15	Quality Control In Nuclear Medicine Carl K. Hoh, M.D.	
2:15 – 2:45	Gastrointestinal Radionuclide Imaging Edwin L. Palmer, M.D.	
2:45 – 3:15	Skeletal Radionuclide Imaging Edwin L. Palmer, M.D.	
3:15 – 3:40	Genitourinary Radionuclide Imaging Carl K. Hoh, M.D.	
3:40 – 4:10	PET - Tumor and Whole Body Imaging Edwin L. Palmer, M.D.	L
4:10 - 4:40	Endocrine Radionuclide Imaging Carl K. Hoh, M.D.	
4:40 - 4:55	Coffee Break	
SAM SESSION -	Radionuclide Imaging	
4:55 – 5:25	CNS Radionuclide Imaging Carl K. Hoh, M.D.	
5:25 – 5:55	Cardiovascular Radionuclide Imaging <i>Edwin L. Palmer, M.D.</i>	٦
5:55 – 6:15	Pulmonary Radionuclide Imaging Edwin L. Palmer, M.D.	
6:15 – 7:00	Case Review Session: Nuclear Medicine Edwin L. Palmer, M.D.	
7:00	End of Session	
Monday, April 17,	2017	
7:00 – 7:30 AM	Coffee and Pastries for Registrants	
7:30 – 9:00	Approach to Adult Heart Disease Eric Goodman, M.D.	
9:00 – 10:10	Congenital Cardiac Sharon Brouha, M.D., MPH	
10:10 - 10:25	Coffee Break	
10:25 – 10:55	Case Review Session: Cardiac Eric Goodman, M.D.	
10:55 – 11:55	Metabolic and Endocrine Diseases of the Musculoskeletal System Christine B. Chung, M.D.	

Monday, April 17, 2017 (Continued) 1:05 - 1:50 Targeted Approach to Arthritis Karen C. Chen, M.D. Musculoskeletal MRI 1:50 - 2:50Brady Huang, M.D. 2:50 - 3:05 Coffee Break 3:05 - 3:35 Musculoskeletal Infection Brady Huang, M.D. SAM SESSION - Skeletal Trauma 3:35 - 3:55 Axial Skeletal Trauma Mini N. Pathria, M.D. 3:55 - 4:35Appendicular Skeletal Trauma Mini N Pathria, M.D. **Tumorous Conditions** 4:35 - 5:25 of the Bone Edward Smitaman, M.D. 5:25 - 5:35Coffee Break 5:35 - 6:20Case Review Session (MSK Aunt Minnies) Mini N. Pathria, M.D. 6:20 - 6:45Non-Interpretive Skills James Y. Chen, M.D. 6:45 End of Session Tuesday, April 18, 2017 7:00 - 7:30 AM **Coffee and Pastries** for Registrants 7:30 - 8:10 Non-Vascular Interventional Radiology Gerant M. Rivera-Sanfeliz, M.D. 8:10 - 9:00 **Diagnostic Angiography** Jeet Minocha, M.D. 9:00 - 9:30 Interventional Oncology Steven C. Rose, M.D., FSIR 9:30 - 9:45Coffee Break **SAM SESSION - Vascular Intervention** 9:45 - 10:15Venous Interventions Isabel Newton, M.D., Ph.D. 10:15 - 10:45 Arterial Interventions Hamed Aryafar, M.D. 10:45 - 11:30 **Diffuse Lung Disease** and HRCT Elizabeth K. Weihe, M.D. 11:30 - 12:05 PM Thoracic Neoplasms Andrew C. Yen, M.D. 12:05 - 1:20 Lunch On Your Own 1:20 - 2:05 Acute Chest: ICU, ER, Trauma

Elizabeth K. Weihe, M.D.

11:55 – 1:05 PM Lunch On Your Own

2:05 – 2:35	Thoracic Infection Andrew C. Yen, M.D.	2:25 -
2:35 – 3:15	Mediastinum and Hila Elizabeth K. Weihe, M.D.	3:05 -
3:15 – 3:25	Coffee Break	3:35
3:25 – 4:25	Case Review Session: Thoracic Andrew C. Yen, M.D.	3:50 -
4:25 – 5:15	Liver Claude Sirlin, M.D.	4:25 -
5:15 - 5:30	Coffee Break	5:05 -
5:30 – 6:10	Physics - Introduction to MRI Claude Sirlin, M.D.	5:50
6:10 - 6:50		6:05 -
0.10 - 0.50	Physics - MR Image Optimization <i>Claude Sirlin, M.D.</i>	0.05
6:50	End of Session	6:35 -

Wednesday, April 19, 2017

7:00 – 7:30 AM	Coffee and Pastries for Registrants	
7:30 – 8:10	Cerebral Vascular Disease Ryan Viets, M.D.	
8:10 – 8:50	Brain Tumors Steven G. Imbesi, M.D.	
8:50 – 9:10	Head Trauma Steven G. Imbesi, M.D.	
9:10 – 9:25	Coffee Break	
9:25 – 10:15	Developmental Abnormalities of the Brain and Spine Nathaniel Chuang M.D.	
10:15 – 11:00	Brain Infections and White Matter Disease James Y. Chen, M.D.	
SAM SESSION - Head and Neck Imaging		
SAM SESSION - I	Head and Neck Imaging	
SAM SESSION - H 11:00 – 11:30	Head and Neck Imaging Pharynx, Larynx, and Deep Spaces of the Neck Julie Bykowski, MD	
	Pharynx, Larynx, and Deep Spaces of the Neck	
11:00 – 11:30	Pharynx, Larynx, and Deep Spaces of the Neck Julie Bykowski, MD Orbit	
11:00 – 11:30 11:30 – 11:40	Pharynx, Larynx, and Deep Spaces of the Neck Julie Bykowski, MD Orbit Julie Bykowski, MD Temporal Bone	
11:00 – 11:30 11:30 – 11:40 11:40 – 12:00 PM	Pharynx, Larynx, and Deep Spaces of the Neck Julie Bykowski, MD Orbit Julie Bykowski, MD Temporal Bone Julie Bykowski, MD	

Tuesday, April 18, 2017 (Continued) Wednesday, April 19, 2017 (Continued)

2:25 - 3:05	Radiology of the Neonate Suda Anupindi, M.D.
3:05 – 3:35	Pediatric Chest Radiology Suda Anupindi, M.D.
3:35 - 3:50	Coffee Break
3:50 – 4:25	Pediatric Gastrointestinal Radiology Suda Anupindi, M.D.
4:25 – 5:05	Pediatric Osteoradiology John Naheedy, M.D.
5:05 – 5:50	Pediatric Genitourinary Radiology Suda Anupindi, M.D.
5:50 - 6:05	Coffee Break
6:05 – 6:35	Case Review Session: Pediatrics Suda Anupindi, M.D.
6:35 – 7:05	Physics - Pediatric Dose Reduction Techniques Suda Anupindi, M.D.

7:05 End of Session

Thursday, April 20, 2017

7:00 – 7:30 AM	Coffee and Pastries for Registrants	
SAM SESSION - Urinary Tract Disease		
7:30 – 8:20	Renal Infection/ Inflammation, Bladder & Prostate Lejla Aganovic, M.D.	
8:20 – 9:10	Renal Cystic and Neoplastic Disease & Ureters Fiona Cassidy, M.D.	
9:10 – 9:40	IV Contrast Issues Cynthia S. Santillan, M.D., FSAR	
9:40 - 9:55	Coffee Break	
9:55 – 10:35	Esophagus and Stomach Fiona Cassidy, M.D.	
10:35 – 11:45	Obstetrical Sonography <i>Dolores H. Pretorius, M.D.,</i> <i>FACR, FAIUM</i>	
11:45 – 12:10 PM	Small Parts Ultrasound Mary K. O'Boyle, M.D., FAIUM	
12:10 - 1:25	Lunch On Your Own	
1:25 – 2:15	Imaging in Gynecology Mary K. O'Boyle, M.D., FAIUM	
2:15 – 2:35	Adrenals Cynthia S. Santillan, M.D., FSAR	

Thursday, April 20, 2017 (Continued)

2:35 – 3:05	Miscellaneous GU Procedures:HSGs, RUGs, & Stones Katherine M. Richman, M.D.
3:05 - 3:20	Coffee Break
3:20 – 3:50	Duplex Doppler: The Essentials Katherine M. Richman, M.D.
3:50 – 4:50	Case Review Session: Ultrasound Katherine M. Richman, M.D.
4:50 – 5:20	Physics - The Basics Daniel E. Wessell, M.D., Ph.D.
5:20 - 5:35	Coffee Break
5:35 – 6:35	Physics - X-Ray Imaging (CR, DR, Fluoro) I Daniel E. Wessell, M.D., Ph.D.
6:35	End of Session

Friday, April 21, 2017

7:00 – 7:30 AM	Coffee and Pastries for Registrants
7:30 – 8:00	Case Review Session: Interventional Isabel Newton, M.D., Ph.D.
8:00 - 8:40	Biliary Cynthia S. Santillan, M.D., FSAR
8:40 – 9:20	Case Review: Genitourinary Giovanna Casola, M.D., FRCPC, FACR
9:20 - 9:35	Coffee Break
9:35 – 10:10	Pancreas Giovanna Casola, M.D., FRCPC, FACR
10:10 – 11:30	Small Bowel and Colon Cynthia S. Santillan, M.D., FSAR
11:30 - 12:45 PM	Lunch On Your Own
SAM SESSION - Br	east Imaging Updates
12:45 – 1:30	BI-RADS® Update Michael Gabe, M.D.
1:30 – 2:15	Benign and Malignant
	Breast Disease Haydee Ojeda-Fournier, M.D.
2:15 - 2:30	Breast Disease
2:15 - 2:30 2:30 - 3:15	Breast Disease Haydee Ojeda-Fournier, M.D.
	Breast Disease Haydee Ojeda-Fournier, M.D. Coffee Break Breast MRI and Biopsy

Friday, April 21, 2017 (Continued) 4:15 - 4:45 Physics - X-Ray Imaging (CR, DR, Fluoro) II Daniel E. Wessell, M.D., Ph.D. 4:45 - 5:45 Physics - Mammography Daniel E. Wessell, M.D., Ph.D. 5:45 End of Session **Essentials of Physics & Case Review** Saturday, April 22, 2017 7:00 - 7:30 AM **Coffee and Pastries** for Registrants 7:30 - 8:35 Physics - Radiobiology Daniel E. Wessell, M.D., Ph.D. 8:35 - 9:25 Case Review Session: Neuroradiology Iames Y. Chen, M.D. 9:25 - 9:40 Coffee Break SAM SESSION - CT Physics 9:40 - 10:45 Physics - Computed Tomography I Daniel E. Wessell, M.D., Ph.D. 10:45 - 11:15Case Review Session: Gastrointestinal Cynthia S. Santillan, M.D., FSAR 11:15 - 12:20 PM Physics - Computed Tomography II

Daniel E. Wessell, M.D., Ph.D. 12:20 - 1:35 Lunch On Your Own 1:35 - 2:40 Physics - Ultrasound Daniel E. Wessell, M.D., Ph.D. 2:40 - 3:05Case Review Session: Physics I Iames Y. Chen, M.D. 3:05 - 3:20 Coffee Break 3:20 - 4:25Physics -Nuclear Medicine Daniel E. Wessell, M.D., Ph.D. 4:25 - 4:50 Case Review Session: Physics II Cynthia S. Santillan, M.D., FSAR

4:50 End of Course

Faculty & topics subject to change.

* These SAM sessions will be submitted for approval and are subject to change.

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