

A CME Teaching Activity

UC San Diego presents...

# Radiology Review Course

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**Designated for SA-CME**

*46.0 AMA PRA Category 1 Credit(s)<sup>TM</sup>*

Release Date: November 15, 2017

## About This CME Teaching Activity

The 2017 Radiology Review Course covers a wide range of topics common to most current diagnostic radiology practices. The course is organized in focus sessions, by organ system, in all subspecialty areas of diagnostic radiology. Sessions include a basic review with discussion concentrating on routine imaging exams, image guided interventions and medical imaging physics.

## 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

**Physicians:** Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this enduring material for a maximum of 46.0 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**SA-CME:** Credits awarded for this enduring activity are designated “SA-CME” by the American Board of Radiology (ABR) and qualify toward fulfilling requirements for Maintenance of Certification (MOC) Part II: Lifelong Learning and Self-assessment.

All activity participants are required to pass a written or online test with a minimum score of 70% in order to be awarded credit. (Exam materials, if ordered, will be sent with your order.) All course participants will also have the opportunity to critically evaluate the program as it relates to practice relevance and educational objectives.

**AMA PRA Category 1 Credit(s)<sup>TM</sup> for this activity may be claimed until November 14, 2020.**

This CME activity was planned and produced by Educational Symposia,  
a leader in diagnostic imaging education since 1975.

This activity was planned and produced in accordance with the ACCME Essential Areas and Elements.

## Educational Objectives

At the completion of this CME teaching activity, you should 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.*

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*Senior Associate Consultant  
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Department of Radiology  
Mayo Clinic Florida*

**SESSION 1****Quality Control In Nuclear Medicine**

*Carl K. Hoh, M.D.*

**Gastrointestinal Radionuclide Imaging**

*Edwin L. Palmer, M.D.*

**Skeletal Radionuclide Imaging**

*Edwin L. Palmer, M.D.*

**Genitourinary Radionuclide Imaging**

*Carl K. Hoh, M.D.*

**SESSION 2****PET - Tumor and Whole Body Imaging**

*Edwin L. Palmer, M.D.*

**Endocrine Radionuclide Imaging**

*Carl K. Hoh, M.D.*

**CNS Radionuclide Imaging**

*Carl K. Hoh, M.D.*

**Cardiovascular Radionuclide Imaging**

*Edwin L. Palmer, M.D.*

**SESSION 3****Pulmonary Radionuclide Imaging**

*Edwin L. Palmer, M.D.*

**Case Review Session:  
Nuclear Medicine**

*Edwin L. Palmer, M.D.*

**SESSION 4****Approach to Adult Heart Disease**

*Eric Goodman, M.D.*

**Case Review Session: Cardiac**

*Eric Goodman, M.D.*

**SESSION 5****Metabolic and Endocrine Diseases of  
the Musculoskeletal System**

*Christine B. Chung, M.D.*

**Targeted Approach to Arthritis**

*Karen C. Chen, M.D.*

## SESSION 6

### Musculoskeletal MRI

*Brady Huang, M.D.*

### Musculoskeletal Infection

*Brady Huang, M.D.*

### Axial Skeletal Trauma

*Mini N. Pathria, M.D.*

## SESSION 7

### Appendicular Skeletal Trauma

*Mini N. Pathria, M.D.*

### Tumorous Conditions of the Bone

*Edward Smitaman, M.D.*

### Case Review Session (MSK Aunt Minnies)

*Mini N. Pathria, M.D.*

## SESSION 8

### Non-Interpretive Skills

*James Y. Chen, M.D.*

### Non-Vascular Interventional Radiology

*Gerant M. Rivera-Sanfeliz, M.D.*

### Diagnostic Angiography

*Jeet Minocha, M.D.*

## SESSION 9

### Interventional Oncology

*Steven C. Rose, M.D., FSIR*

### Venous Interventions

*Isabel Newton, M.D., Ph.D.*

### Arterial Interventions

*Hamed Aryafar, M.D.*

## SESSION 10

### Liver

*Claude Sirlin, M.D.*

### Physics - Introduction to MRI

*Claude Sirlin, M.D.*

### Physics - MR Image Optimization

*Claude Sirlin, M.D.*

## SESSION 11

### Cerebral Vascular Disease

*Ryan Viets, M.D.*

### Brain Tumors

*Steven G. Imbesi, M.D.*

### Head Trauma

*Steven G. Imbesi, M.D.*

## SESSION 12

### Developmental Abnormalities of the Brain and Spine

*Nathaniel Chuang M.D.*

### Brain Infections and White Matter Disease

*James Y. Chen, M.D.*

## SESSION 13

### Pharynx, Larynx, and Deep Spaces of Neck

*Julie Bykowski, MD*

### Orbit

*Julie Bykowski, MD*

### Temporal Bone

*Julie Bykowski, MD*

## SESSION 14

### Non-Tumorous Spinal Cord and Intradural Disease

*Jason Handwerker, M.D.*

### Spinal Cord Tumors and Degenerative Spine Disease

*Roland R. Lee, M.D., FACR*

### Radiology of the Neonate

*Suda Anupindi, M.D.*

## SESSION 15

### Pediatric Chest Radiology

*Suda Anupindi, M.D.*

### Pediatric Gastrointestinal Radiology

*Suda Anupindi, M.D.*

### Pediatric Osteoradiology

*John Naheedy, M.D.*

## **SESSION 16**

### **Pediatric Genitourinary Radiology**

*Suda Anupindi, M.D.*

### **Case Review Session: Pediatrics**

*Suda Anupindi, M.D.*

### **Physics - Pediatric Dose Reduction Techniques**

*Suda Anupindi, M.D.*

## **SESSION 17**

### **Renal Infection/Inflammation, Bladder & Prostate**

*Lejla Aganovic, M.D.*

### **IV Contrast Issues**

*Cynthia S. Santillan, M.D., FSAR*

### **Renal Cystic and Neoplastic Disease & Ureters**

*Fiona Cassidy, M.D.*

## **SESSION 18**

### **Esophagus and Stomach**

*Fiona Cassidy, M.D.*

### **Obstetrical Sonography**

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

### **Adrenals**

*Cynthia S. Santillan, M.D., FSAR*

## **SESSION 19**

### **Physics - The Basics**

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

### **Physics - X-Ray Imaging (CR, DR, Fluoro) I**

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

## **SESSION 20**

### **Case Review Session: Interventional**

*Isabel Newton, M.D., Ph.D.*

### **Biliary**

*Cynthia S. Santillan, M.D., FSAR*

## **SESSION 21**

### **Small Bowel and Colon**

*Cynthia S. Santillan, M.D., FSAR*

## **SESSION 22**

### **BI-RADS® Update**

*Michael Gabe, M.D.*

### **Benign and Malignant Breast Disease**

*Haydee Ojeda-Fournier, M.D.*

### **Breast MRI and Biopsy**

*Haydee Ojeda-Fournier, M.D.*

## **SESSION 23**

### **Breast Unknown Cases**

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

### **Physics - Mammography**

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

### **Case Review Session: Physics I**

*James Y. Chen, M.D.*

## **SESSION 24**

### **Physics - Radiobiology**

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

### **Case Review Session: Neuroradiology**

*James Y. Chen, M.D.*

## **SESSION 25**

### **Physics - Computed Tomography**

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

## **SESSION 26**

### **Physics - Ultrasound**

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

### **Case Review Session: Gastrointestinal**

*Cynthia S. Santillan, M.D., FSAR*

## **SESSION 27**

### **Physics - Nuclear Medicine**

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

### **Case Review Session: Physics II**

*Cynthia S. Santillan, M.D., FSAR*

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