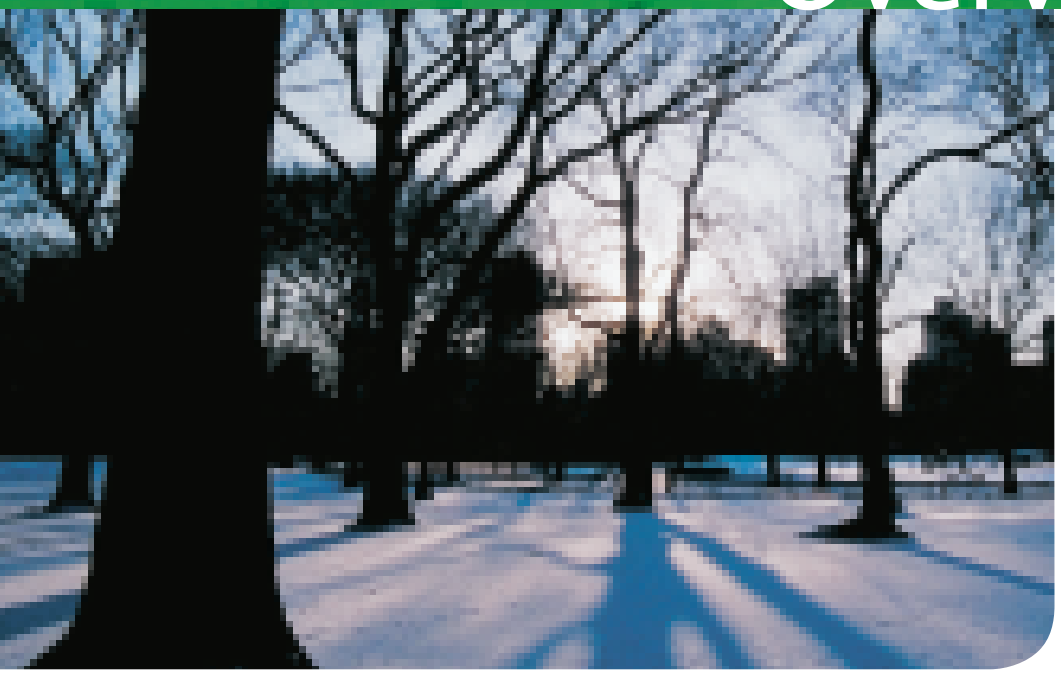
Head to Toe Overview



Target Audience

The CT/MRI: Head to Toe Course is intended primarily for practicing clinical radiologists and senior residents in radiology.

Course Description

This is the 22nd Annual CT/MRI: Head to Toe Course named in honor of Dr. Morton A. Bosniak, who served as the spirit and Course Director for the first 18 years.

Rapid advances in CT and MRI and increasing demands mandate that radiologists become aware of new information and continue to update their skills. This course will introduce new concepts in CT/MR applications, techniques, and interpretation principles. It will also upgrade the participants' knowledge of the specialty, reinforce information already available, and discuss practice patterns so that radiologists can improve the quality of patient care. The name of the course, "CT/MRI: Head to Toe", is an accurate description of the intent of this symposium—to cover recent advances and recently acquired knowledge in imaging of all parts of the body. The course is designed to offer an intense and complete educational experience and to cover as much material as possible.

Course Format and Expected Outcomes

The program is divided into three parts, which can be taken independently or consecutively. Workshops are offered Monday through Friday in the afternoons.

Part 1: Neuroradiology: Head & Neck, Spine and Brain CT and MRI

(Monday and Tuesday)

Part 2: Body: Abdomen/Pelvis, Chest and Musculoskeletal CT/MRI

(Wednesday through Friday)

Course participants should gain further knowledge and ability to perform CT and MRI examinations to optimize and maximize the equipment that is at their disposal as well as to increase their ability to diagnose disease of all portions of the body.

Ample time is available for questions both in the lecture format as well as during the workshops. Attendees are encouraged to approach faculty members for personal discussion of issues as well as questions for the entire group.

The choice of subjects covered in this course was greatly influenced by participant evaluations from previous courses, recent literature, and the experience of the faculty.

Part 3: Cutting Edge Symposium

Brand-New for this Conference

(Saturday)

The pace of technology requires today's radiologist to assimilate new techniques, relearn anatomy and understand the basic interactions between metabolic phenomena and imaging appearances. Multislice CT scanning and computer-workstation technology have allowed for expansion of the information derived from cross-sectional studies, such as in high quality CT-angiography of the coronary arteries and 3-D assessment of the colonic surface. High-field, rapid-gradient MR has facilitated motion studies of the heart allowing more precise delineation of global cardiac status and visualization of complex congenital abnormalities. Availability of commercial PET scanners has opened an entire field of oncologic imaging allowing physiologic and metabolic information to be engrafted upon anatomic information. PET has increasing usefulness in cardiac imaging as well.

The symposium will highlight the techniques of obtaining high-quality CTA of the coronary arteries, understand the opportunities in cardiac MR and PET, update the audience of the current status of CT colonography and PET-CT for oncologic imaging.

Workshop Offerings and their Educational Objectives

The course consists of both lectures and workshops. The lectures address subjects that are critical for contemporary day-to-day practice. Each attendee will be able to select a total of 10 workshops offered Monday through Friday; this will enable smaller group discussions and increase opportunity for questions and dialogue between the faculty and course participants. The workshops include subjects presented in the main lectures plus other topics so that attendees can customize their educational experience. **Pre-registration is not required for workshops.**

Visiting MRI Fellowships

Week-long Visiting MRI Fellowships are available to radiologists who desire to update their MRI interpretive skills, tailored to specific needs. These are available by arrangement for one or two weeks. For more information, please call (212) 263-3936.