THE ALARA* CONCEPT IN PEDIATRIC INTERVENTIONAL AND FLUOROSCOPIC IMAGING
* As Low as Reasonably Achievable

FEBRUARY 11-12, 2006

HYATT REGENCY ORLANDO INTERNATIONAL AIRPORT

ORLANDO, FLORIDA

CME provided by Continuing Medical Education Resources, Inc.

Co-Sponsored by National Institute of Health, Department of Health and Human Services

Register online at www.pedrad.org
TARGET AUDIENCE

This conference has been designed for radiologists, cardiologists, physicians, scientists, and technologists who treat and care for children and adolescents as well as those interested in influencing and improving standards for the treatment of children and adolescents.

CONFERENCE OBJECTIVES

This forum will address the potential for excessive radiation dose to pediatric patients in the context of using fluoroscopy and performing interventional radiologic and cardiologic procedures. The basis for reduction in dose while maintaining image quality, specific strategies for limiting dose in the medical imaging of children and reduction in dose of treating medical personnel will be addressed.

Experts in fluoroscopy and interventional radiologic and cardiologic procedures – including pediatric radiologists, physicists, pediatric cardiologists, and scientists will lead the discussion. Registrants will participate in the discussion and in the development of solutions.

The expected learning outcomes are to advance knowledge regarding the clinical indications, technical requirements, physical/radiobiologic rationale and therapeutic outcomes related to reducing radiation exposure during fluoroscopy and interventional procedures.

At the end of the conference, registrants should be able to:
1) Be familiar with the measures of radiation dose.
2) Understand the potential risks of radiation resulting from pediatric fluoroscopy and angiography.
3) Know contributions of various technical aspects of pediatric fluoroscopic and angiographic evaluation of children in contributing to radiation dose.
4) Be familiar with strategies for radiation protection for radiation staff.
5) Learn strategies to manage radiation exposure to patients during fluoroscopy and angiography.
6) Be able to implement programs for assessment and management in pediatric fluoroscopic and angiographic radiation exposures.

ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Continuing Medical Education Resources and The Society for Pediatric Radiology. Continuing Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

Continuing Medical Education Resources designates this educational activity for a maximum of 11.5 Category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.

Register on-line at www.pedrad.org
Email: alara@meetingmanagers.com

PLANNING COMMITTEE

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PROGRAM

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FRIDAY, FEBRUARY 10
4:00 – 7:00 pm  Registration

SATURDAY, FEBRUARY 11
7:30 – 8:30 am  Registration and Continental Breakfast
8:30 – 8:45 am  Program Introduction, Welcome and Announcements
Sue C. Kaste, DO and Keith Strauss, MSc, FAAPM
8:45 – 9:45 am  THE ROLE OF NCI/NIH IN RADIATION EXPOSURE
Cancer Risk and Mortality in a Cohort of 145,000 Radiologic Technologists
Martha S. Linet, MD, MPH
Cancer Risks Following Diagnostic and Therapeutic Radiation Exposure in Children
Ruth A. Kleinerman, MPH
9:45 – 10:15 am  EQUIPMENT STRATEGIES TO REDUCE PEDIATRIC DOSES
Keith Strauss, MSc, FAAPM
10:15 – 10:30 am  Coffee Break
10:30 – 11:00 am  RELATING RADIATION RISKS TO THE RADIATION MANAGEMENT OF A FLUOROSCOPIC PROCEDURE
Louis K. Wagner, PhD, DABR, DABMP
11:00 am – 12:00 pm  INTERVENTIONAL CARDIOLOGY
Pediatric Cardiac Angiography: Techniques and Tactics for Managing Radiation Dose
Henri Justino, MD, CM, FRCP, FACC
Conventional and CT Angiography in Children: Dosimetry and Dose Comparisons
Donald P. Frush, MD
12:00 – 1:30 pm  Lunch and Vendor Presentations
1:30 – 2:45 pm  INTERVENTIONAL RADIOLOGY
Neurointerventional Radiology – Doses in Pediatric Neurointerventional Radiology
Isabelle Thierry-Chef, PhD
Practical Tips and Strategy to Reduce Radiation Exposure to Patient Bairbre Connolly, MB, FFRRCSI, FRCP
Practical Tips and Strategy to Reduce Radiation Exposure to Operator and IR Staff
Richard B. Towbin, MD
Dosimetry Measurements on Modern IR Suite
John M. Racadio, MD
2:45 – 3:45 pm  GENERAL FLUOROSCOPY
GI Fluoroscopy Emphasizing Dose Reduction
Steven J. Kraus, MD
Patient Dose Reduction During VCUGs
Valerie L. Ward, MD, MPH
3:45 – 4:00 pm  Coffee Break
4:00 – 4:30 pm  TECHNIQUES TO ESTIMATE RADIATION DOSE AND TO SKIN DURING FLUOROSCOPICALLY GUIDED PROCEDURES
Stephen Balter, PhD, FAAPM, FACR, FSIR(hon)
4:30 – 5:00 pm  FLAT PANEL DETECTORS – HOW MUCH BETTER ARE THEY
Tony Seibert, PhD
5:00 – 5:30 pm  RADIATION MANAGEMENT IN FLUOROSCOPY: HOW AND WHY TO CREDENTIAL OPERATORS
Ben Archer, PhD
6:30 pm  Dinner
REFLUX – WHEN, HOW, WHY, WHY NOT?
David A. Diamond, MD
John T. Boyle, MD
Avrum N. Pollock, MD
SUNDAY, FEBRUARY 12
7:00 – 8:00 am  Registration and Continental Breakfast
8:00 – 9:30 am  SCIENTIFIC VENDOR PRESENTATIONS
Barry Belanger, PhD
Philipp Bernhardt
Richard Stueve
9:30 – 10:00 am  Coffee Break
10:00 – 10:30 am  VENDOR PANEL DISCUSSION
10:30 – 11:00 am  INTERVENTIONAL IMAGING EQUIPMENT ACQUISITION PROCESS: CRADLE TO GRAVE
Keith Strauss, MSc, FAAPM
11:00 am – 12:00 pm  CLOSING QUESTION AND ANSWER PANEL

MEETING MANAGEMENT

INTERNATIONAL MEETING MANAGERS, INC.
Meeting Manager: Kristen Brought
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If you have any special needs, please contact International Meeting Managers at the address to the left in writing at least two weeks before the meeting to ensure that your needs are met.
HOTEL INFORMATION

Hyatt Regency Orlando International Airport
(Located inside the main terminal of the airport)
9300 Airport Blvd. Orlando, Florida 32827
Tel: 407-825-1234 • Fax: 407-825-1269

When making reservations please identify yourself with the ALARA conference in order to receive the negotiated rate of $159 per night. Reservations must be received by January 6, 2006. As rooms may still sell out prior to this date, it is strongly recommended that you make your reservations as early as possible. To make reservations please call the Hyatt Regency Orlando International Airport Hotel directly at 407-825-1234.

Check-in: 4 pm • Check-out: 12 pm
All Guest Rooms: $159 per night plus applicable taxes

TRAVEL INFORMATION

• Continental Airlines is an official airline for the meeting and has discounted airfares available for attendees. For reservations, please contact your travel professional or the Continental Meeting Works desk at 800-468-7022. Outside of the toll-free dialing area, please contact your local Continental Reservations office. You must use the Reference Number U1QZC5 and Z code ZHPC to obtain a group fare.

• American Airlines is an official carrier for the conference and they have arranged for the attendees to receive a 5% discount off Coach and First Class fares. For fare and schedule information and to make your reservations, please call the American Airlines Meeting Services at 1-800-433-1790 and provide the discount code 18468.

REGISTRATION INFORMATION/FEES

Verification of Resident, Fellow or Technologist status must accompany registration. Fees must be made in U.S. Dollars only drawn on a U.S. Bank. Please make your check payable to ALARA. American Express, Visa and MasterCard are also accepted. A $50 administrative fee will be retained if you cancel your registration for any reason. In order to receive a refund of the balance, we must receive written notice at least two weeks before the course begins; thereafter, no refunds will be made.

Due to a special arrangement, members of the American Society of Radiologic Technologists (ASRT) will receive a registration fee discount. In order to take advantage of the reduced registration rate, please indicate your member identification number in the given space on the registration form.

Please note, there is an additional fee of $20.00 if you register by mail or fax. Save time and the extra fee by registering online at www.pedrad.org

Please Check One:
Physician $215.00
Physicist $175.00
Resident/Fellow/Non-ASRT Technologist $150.00
ASRT Member $125.00
Guest Fee for Dinner $65.00

Amount of Registration Fee Enclosed: $ ____________
(Please include additional $20.00 if registering by mail or fax)

Registration Disclaimer:
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Signature ____________________________ Date ____________

Make U.S. Bank Check or International Money Order to: ALARA
Send completed Registration form with Registration Fee to:

International Meeting Managers – ALARA
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The ALARA® Concept in Pediatric Interventional and Fluoroscopic Imaging
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We gratefully acknowledge educational grants or support from the following companies:

- Philips Medical Systems
- GE Healthcare
- Siemens AG Medical Solutions

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