PROGRAM

MONDAY, MAY 5, 2008

7:00 - 8:00 AM  Continental Breakfast and Registration
8:00 - 8:15 AM  Welcome
   Sue C. Kaste, DO

RADIATION SENSITIVITY

8:15 - 8:55 AM  Epidemiology of Childhood Cancer - Descriptive Features and Radiation as a Risk Factor
   Martha Linet, MD, MPH

8:55 - 9:35 AM  Radiation Sensitive Genetically Susceptible Pediatric Sub-Populations
   Ruth A. Kleinerman, MPH

9:35 - 10:15 AM  Radiation-Associated Second Malignant Neoplasms in Childhood Cancer Patients - CCSS Experience
   Leslie L. Robison, PhD

10:15 - 10:30 AM  Break

IMAGING INDICATIONS - FROM THE PERSPECTIVE OF THE CLINICIAN/CLINICAL RESEARCHER

10:30 - 11:10 AM  Imaging Needs in Phase I Pediatric Therapy Trials While Conserving Radiation Exposure
   Peter C. Adamson, MD

11:10 - 11:50 AM  COG: What, Why and When We Image
   Gregory H. Reaman, MD

11:50 AM - 12:30 PM  Dosimetry of FDG PET and PET/CT and Other Molecular Imaging Applications in Pediatric Patients
   Michael J. Gelfand, MD

12:30 - 2:00 PM  LUNCHEON AND KEYNOTE ADDRESS
   Radiation Biology for Pediatric Radiologists
   Eric J. Hall, DPhil, DSc

The ALARA* Concept in Pediatric Imaging

ONCOLOGY

*As Low as Reasonably Achievable
2:00 - 2:40 PM  How Imaging and Therapeutic Radiation Exposures Compare: Impact of New RT Techniques on Imaging Demands  Larry E. Kun, MD

TAKING CONTROL OF IMAGING EXPOSURES

2:40 - 3:20 PM  Controlling Radiation Exposure During Interventional Procedures in Childhood Cancer Patients  John M. Racadio, MD

3:20 - 3:35 PM  Break

3:35 - 4:05 PM  Imaging Challenges in Pediatric Oncology U.S. Perspective  Sue C. Kaste, DO

4:05-4:35 PM  Imaging Challenges in Pediatric Oncology European Perspective  Oystein E. Olsen, MD

4:35 - 5:10 PM  Panel Discussion

5:10 - 5:30 PM  Summary and Adjournment  Sue C. Kaste, DO

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