October 26, 2010

James A. Brink, MD
Chairman and Professor, Diagnostic Radiology, Yale School of Medicine

Radiation Safety, Utilization, and Control in Medical Imaging

Needs: Exposure to ionizing radiation from medical imaging has risen sharply over the past three decades. The magnitude of the problem is poorly understood among medical professionals. Mechanisms for monitoring and controlling the use of medical imaging and the associated radiation need to be well understood.

Objectives: To understand the magnitude of radiation exposure associated with medical imaging; to consider technical means to lower radiation exposure with medical imaging; to consider various means to control utilization of imaging modalities that use ionizing radiation.