MARILYN J. SIEGEL, M.D.

Marilyn J. Siegel, M.D. is currently Professor of Radiology and Pediatrics at Washington University School of Medicine in St. Louis, Missouri. She is a recognized leader in pediatric radiology with a special interest in use of cross-sectional imaging techniques for evaluation of pediatric diseases. She is also an experienced thoracic radiologist. Dr. Siegel is the author of over 320 journal articles, 54 chapters, and 19 books, including the definitive textbook on pediatric ultrasonography (Pediatric Sonography), now into its 5th edition, and a comprehensive textbook on pediatric body computed tomography, (Pediatric Body CT) now in its 2nd edition. Dr. Siegel's teaching accomplishments have been recognized by the Teacher of the Year award at the Mallinckrodt Institute of Radiology and the Master Teacher Award in Radiology from the State University of New York.

Dr. Siegel has been active in pediatric radiology throughout her career and has made important contributions related to both the assessment of radiation doses from diagnostic imaging and oncologic applications of CT and MRI. Current research focuses on new technologies for dose reduction in CT and the clinical role of dual-energy CT. She is also the recipient of several National Institute of Health (NIH) grants for cancer imaging and is co-director of the NIH-funded Imaging Response Assessment Core (IRAC) at Washington University. In this role she is responsible for response assessment measurements for clinical trial studies in children and adults with cancer and is also responsible for implementing new advanced imaging software for tumor imaging research opportunities.. For the last ten years, Dr. Siegel has been chair of the diagnostic imaging committee for the Children's Oncology group, a clinical trials group devoted to pediatric cancer research. She also is a co-investigator on multicenter trial evaluating longitudinal use of ultrasound to predict cirrhosis in cystic fibrosis sponsored by the Cystic Fibrosis Foundation. In addition, she has participated in numerous national and international conferences addressing optimization of sonographic, CT and MRI techniques and their clinical applications in a pediatric population