

"Interpretation of lymphatic Imaging" Workshop

Presented by Michael Bernas, University of Arizona College of Medicine, USA

The Session will consist of an overview of imaging techniques used to visualize the lymphatic system including description of machines, image acquisition, techniques, and sample images. Historical imaging methods will be presented followed by detailed descriptions of lymphangioscintigraphy emphasizing examples of imaging patterns from patients with and without lymphatic abnormalities. Alternative imaging modalities will also be introduced. Participants completing the session should gain an understanding of the imaging of lymphatic and lymphatic-related conditions. A brief look into future imaging technologies will be presented and discussion and questions will be encouraged.

Mike is an Associate Scientific Investigator in the Department of Surgery at the University of Arizona College of Medicine in Tucson, Arizona, USA. He received his Master of Science degree in genetics from the University of Arizona in 1985. He is Laboratory Director at the Department of Surgery, University of Arizona where he works with Maryls Witte in the Lymphology laboratories. His current work encompasses research in both basic and clinical lymphology focusing on a variety of animal lymphoedema models, transgenic mice, lymphatic and blood vascular growth factors, in vitro cultures, and imaging techniques of the lymphatic system. He enjoys learning about all aspects of the lymphatic system and the treatment of patients with lymphoedema.