Title: Imaging Techniques in the Diagnosis and Management of Lymphedema

Description:

In this session we will explore multiple lymphatic system imaging modalities in use today for patients with disorders of the lymphatic system. Techniques covered will include lymphangioscintigraphy (with CT fusion), indocyanine green near-infrared fluorescence, magnetic resonance imaging, and lymphography. Each technique will be described briefly including the protocol for obtaining the image and examples of what images are produced. In addition, all techniques will have their strengths, weaknesses, and best applications for individual patients described so that a discussion of the best method(s) to use in individual circumstances can be debated. Questions are encouraged!

Objectives:

1. Learn about each individual imaging modality including how it is performed (techniques, devices, agents), what a patient undergoes during the imaging session, and examples of the types of images that are produced.

2. Understand the strengths and weaknesses of the imaging modalities and when/where they would be applied for specific patients with unique abnormalities of the lymphatic system.

3. Gain an understanding of the application of imaging for diagnosis, prognosis, and treatment options for patient with lymphatic system abnormalities.