

Poster #: 36

Title of Abstract: “Not another one!” Making sense of CT and MR imaging features of focal splenic masses and recommendations for incidental findings.

Institution: Baystate Medical Center

Authors: Sara Smolinski MD, Qiqing Ge MD, Dmitry Rakita MD, Shirley McCarthy, MD, PhD

Modality: Multi

Organ System: GI

Intro: N/A

Purpose: N/A

Methods Used: N/A

Results of Abstract: N/A

Discussion: N/A

Scientific and/or Clinical Significance? Indeterminate focal splenic masses are frequently incidentally detected on routine imaging studies. The significance of this presentation is to provide clinical context for the radiologist encountering splenic masses on imaging and provide an overview of the role of CT and MR in characterization of a wide spectrum of focal splenic abnormalities.

Relationship to existing work This will be a review of the literature with clinical correlates obtained at our institution.

Purpose The purpose of this exhibit is to provide a clinical context for the radiologist encountering splenic masses on imaging and provide an overview of the role of CT and MR in characterization of a wide spectrum of focal splenic abnormalities. **Content Organization** 1. Review the normal splenic anatomy, function and imaging features. 2. Discuss the incidence, pathophysiology and clinical significance of focal splenic masses. 3. Discuss the role of CT and MR in evaluation of the spleen and review CT and MR imaging findings of focal splenic masses. Various splenic pathologies will be reviewed, including benign and malignant tumors, inflammatory, and infectious etiologies. Typical as well as unusual manifestations of common and rare entities will be demonstrated. **Major Teaching Points** Indeterminate focal splenic masses are frequently incidentally detected on routine imaging studies. CT and MR imaging features of focal splenic masses will be reviewed. At the end of this presentation, the viewer will become familiar with the incidence, clinical implications and imaging features of common and unusual manifestations of a wide spectrum of focal splenic pathologies.