

GI335-ED-X

Focal Hepatic Lesions; Pitfalls, Pseudolesions and Misdiagnoses

All Day Room: GI Community, Learning Center

Awards**Cum Laude**Khaled M. Elsayes, MD, Ann Arbor, MI (*Presenter*) Nothing to DiscloseJanio Szklaruk, MD, PhD, Bala Cynwyd, PA (*Abstract Co-Author*) Nothing to DiscloseRichard L. Baron, MD, Chicago, IL (*Abstract Co-Author*) Nothing to Disclose**TEACHING POINTS**

- Describe most commonly encountered imaging pitfalls, pseudolesions and misdiagnoses which can mimic other pathologies- Discuss relevant technical background, pathophysiology and hemodynamics of these pitfalls.- Correlate imaging features of these masses with clinical and pathologic findings.- Provide useful pearls and clues to reach a specific diagnosis

TABLE OF CONTENTS/OUTLINE

1. Technical pitfalls a. CT, US, MR specific issues that create difficulties in diagnosis b. Technique pitfalls2. Diagnostic pitfalls a. Specific issues for cirrhotic and non-cirrhotic liver b. Mistaking benign lesions for malignant lesions c. Mistaking malignant lesions for benign lesions3. Atypical presentations of common lesions4. Organization according to imaging findingsSUMMARYThere is a wide range of common pitfalls and pseudo-lesions encountered in liver imaging, which can lead to incorrect diagnoses mainly because many radiologists are not completely familiar with anatomical, morphological, physiological, hemodynamic and biological principles. This leads to common misinterpretations which would further results in wrong management with potentially negative outcome. In this exhibit, we will discuss the spectrum of these pathologies and provide clues to correct diagnoses

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