

Specialty Area: Pancreas and Biliary Course (Body Course on Wednesday 5/14/2014)

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### Highlights

- Introduction to pancreatic adenocarcinoma including diagnosis and treatment
- CT findings and staging of pancreatic adenocarcinoma
- MRI findings and staging of pancreatic adenocarcinoma

Title: Staging of Pancreatic Adenocarcinoma: MR vs CT

Target Audience: Diagnostic Radiologists interpreting CT or MR studies. MRI scientists exploring novel imaging assessments.

Outcome/Objectives: Weigh the benefits/drawbacks of CT vs MR for the staging of disease.

Purpose: Pre-surgical imaging planning is essential to determine whether a patient will even benefit from surgery as specific criteria of operability or non-operability must be met.

Improvements in rapid MRI imaging match the diagnostic accuracy of CT and provide additional tissue contrast to assess other lesions in the abdomen (i.e. metastases and lymph nodes).

Methods: Step-by-step comparisons of CT and MRI will be used to assess each imaging modality's strengths and weaknesses.

Results: Case examples will be used to illustrate varied initial presentations and post-treatment recurrences of pancreatic adenocarcinoma.

Discussion: The audience will be able to determine whether to confidently stage pancreatic adenocarcinoma by CT or MR.

Conclusion: The presentation will be useful to accurately stage pancreatic adenocarcinoma for surgical and other management of the patient.