Gastrointestinal Radiology
Walk Through the Week

Sunday, Dec. 1, 2019

Case of the Day
Gastrointestinal Sunday Case of the Day
Session ED005-SU . . . . . . . . . . Case of Day, Learning Center

10:30 AM–12:00 PM
Educational Courses
RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)
Session SPAI11 . . . . . . . . . . . . . . AI Showcase North Building Level 2

10:45 AM–12:15 PM
Educational Courses
Best Clinical Trials @ RSNA 2019
Session SPCT10 . . . . . . . . . . . . . . . . . . . . E352

10:45 AM–12:15 PM
Scientific Papers Sessions
Gastrointestinal (LIRADS)
Session SSA07 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103AB
Gastrointestinal (Radiomics)
Session SSA08 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S104A
Gastrointestinal (Rectal Cancer)
Session SSA09 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103CD

12:30–1:00 PM
Posters and Exhibits: Discussions
Gastrointestinal Sunday Poster Discussions
Session GIS-SUA . . . . . . . . GI Community, Learning Center

1:00–1:30 PM
Posters and Exhibits: Discussions
Gastrointestinal Sunday Poster Discussions
Session GIS-SUB . . . . . . . . GI Community, Learning Center

2:00–3:30 PM
Educational Courses
Abbreviated/Faster MRI Abdominal Pelvic Protocols
Course RC109 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E450B
Liver Sonography 2019: An Update
Course RC110 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350
Tumor Ablation Beyond the Liver: Practical Techniques for Success (Hands-on)
Course RC131 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . N226

Accreditation and Designation Statements

The Radiological Society of North America (RSNA®) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The RSNA designates this live activity for a maximum of 94.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Commission on Accreditation of Medical Physics Education Program (CAMPEP) has approved the direct transfer of AMA PRA Category 1 Credit™ to MPCEC on a credit-for-credit basis for medical physicists.

Corporate Symposium

Please refer to each course description in the online program to determine if CME credit is offered for the session. Instructions on claiming credit will be provided during the course. CME credit for the Corporate Symposia will be provided through a third-party provider and not through RSNA.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit Meeting.RSNA.org.
Monday, Dec. 2, 2019

Case of the Day
Gastrointestinal Monday Case of the Day
Session ED005-MO . . . . . . Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
Abbreviated Liver MRI
Course RC229 . . . . . . . . . . . . . . . . . . . . . . . . . N228

8:30 AM–12:00 PM
Educational Courses
Gastrointestinal Series: Pancreas Imaging
Course RC209 . . . . . . . . . . . . . . . . . . . . . . . . . E353C

10:30 AM–12:00 PM
Educational Courses
RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)
Session SPAl21 . . . . . . AI Showcase North Building Level 2

10:30 AM–12:00 PM
Scientific Papers Sessions
Gastrointestinal (Hepatocellular Carcinoma)
Session SSC05 . . . . . . . . . . . . . . . . . . . . . . . . . N228
Gastrointestinal (Advanced Response Evaluation)
Session SSC06 . . . . . . . . . . . . . . . . . . . . . . . . . N230B

12:15–12:45 PM
Posters and Exhibits: Discussions
Gastrointestinal Monday Poster Discussions
Session GIS-MOA . . . . . . GI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Gastrointestinal Monday Poster Discussions
Session GIS-MOB . . . . . . GI Community, Learning Center

1:30–3:00 PM
Educational Courses
Case-based Review of the Abdomen (Interactive Session)
Course MSACA21 . . . . . . . . . . . . . . . . . . . . . . . . . S100AB

Tuesday, Dec. 3, 2019

Case of the Day
Gastrointestinal Tuesday Case of the Day
Session ED005-TU . . . . . . Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
Houston, We Have a Problem (Case-based Competition)
Session SPDL30 . . . . . . . . . . . . . . . . . . . . . . . . . . E451B
Controversy Session: MR Elastography versus US Elastography of Liver
Session SPSC30  . . . . . . . . . . . . . . . . . . . . . . . . . . . E350

8:30–10:00 AM
Educational Courses
BOOST: Gastrointestinal-Case-based Multidisciplinary Review (Interactive Session)
Course MSRO31  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103AB
Review of Pediatric Nuclear Medicine
Course RC311  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD
Liver MRI Essentials (Interactive Session)
Course RC329  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . N227B

8:30 AM–12:00 PM
Educational Courses
Emergency Radiology Series: Current Imaging of the Acute Abdomen
Course RC308  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S401CD
Gastrointestinal Series: Advances in Abdominal Imaging
Course RC309  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S405AB

10:30 AM–12:00 PM
Educational Courses
Understanding Anorectal and Cloacal Malformations with 3D Printed Models (Hands-on)
Course RCA32  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S401AB

10:30 AM–12:00 PM
Scientific Papers Sessions
Gastrointestinal (Liver Fibrosis)
Session SSG04  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353A
Gastrointestinal (MR Diagnosis)
Session SSG05  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E351
Vascular/Interventional (Liver Cancer)
Session SSG16  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E260

12:15–12:45 PM
Posters and Exhibits: Discussions
Gastrointestinal Tuesday Poster Discussions
Session GIS-TUA  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . GI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Gastrointestinal Tuesday Poster Discussions
Session GIS-TUB  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . GI Community, Learning Center

1:30–2:30 PM
Educational Courses
BOOST: Gastrointestinal
Course MSRO33  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103AB

1:30–3:00 PM
Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-Abdomen/Pelvis & Pediatrics (In Conjunction with SNMMI) (Interactive Session)
Course MSCC33  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E450B

3:00–6:00 PM
Educational Courses
Pediatric Series: Gastrointestinal/Genitourinary
Course RC413  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353B

3:00–4:30 PM
Educational Courses
RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)
Session SPAI33  . . . AI Showcase North Building Level 2

3:00–4:00 PM
Scientific Papers Sessions
Gastrointestinal (Pancreas Diffuse Disease)
Session SSJ07  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S403B
Gastrointestinal (CT Dose and Abbreviated MR Screening Techniques)
Session SSJ08  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S401CD
Gastrointestinal (Quantitative Imaging Techniques)
Session SSJ09  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S403A
Radiation Oncology (Gastrointestinal Malignancies)
Session SSJ24  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350
Vascular/Interventional (Biliary and Portal Hypertension)
Session SSJ26  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350

3:15–5:15 PM
Educational Courses
Interventional Oncology Series: Colorectal Liver Metastases
Course VSIO32  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S405AB

4:30–5:30 PM
Educational Courses
BOOST: Gastrointestinal- Anorectal Cancer eContouring
Course MSRO39  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S104B

4:30–6:00 PM
Educational Courses
Challenging Abdominal Imaging Cases (Interactive Session)
Course RC409  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353C
Wednesday, Dec. 4, 2019

**Case of the Day**
Gastrointestinal Wednesday Case of the Day
Session ED005-WE  . . . . . . . Case of Day, Learning Center

**7:15–8:15 AM**

**Educational Courses**

Body Imaging Case Challenge (Case-based Competition)
Session SPDL40  . . . . . . . . . . . . . E451B

Controversy Session: Incidental Pancreatic Cyst Management
Session SPSC40  . . . . . . . . . . . . . E350

**8:30–10:00 AM**

**Educational Courses**

Case-based Review of Pediatric Radiology (Interactive Session)
Course MSCP41  . . . . . . . . . . . . . E450B

Essentials of GI Imaging
Course MSES41  . . . . . . . . . . . . . S100AB

Useful Applications of Gastrointestinal Tract Imaging
Course RC509  . . . . . . . . . . . . . S402AB

Emerging Technology: Dual-energy and Spectral CT Update 2019
Course RC517  . . . . . . . . . . . . . S505AB

MR Image Guidance Radiotherapy
Course RC520  . . . . . . . . . . . . . E353A

Liver Elastography (Hands-on)
Course RC552  . . . . . . . . . . . . . E264

**10:30 AM–12:00 PM**

**Educational Courses**

Case-based Review of Pediatric Radiology (Interactive Session)
Course MSCP42  . . . . . . . . . . . . . E450B

**10:30 AM–12:00 PM**

**Scientific Papers Sessions**

Gastrointestinal (Focal Liver Lesions Non HCC)
Session SSK07  . . . . . . . . . . . . . S501ABC

Gastrointestinal (Dual-energy CT)
Session SSK08  . . . . . . . . . . . . . S502AB

Gastrointestinal (Colon and Appendix)
Session SSK09  . . . . . . . . . . . . . S504AB

Nuclear Medicine (Gastrointestinal Oncology Nuclear Medicine and PET)
Session SSK15  . . . . . . . . . . . . . E451A

12:15–12:45 PM

**Posters and Exhibits: Discussions**
Gastrointestinal Wednesday Poster Discussions
Session GIS-WEA  . . . . . . . GI Community, Learning Center

12:45–1:15 PM

**Posters and Exhibits: Discussions**
Gastrointestinal Wednesday Poster Discussions
Session GIS-WEB  . . . . . . . GI Community, Learning Center

3:00–4:30 PM

**Educational Courses**

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)
Session SPAI43  . . . . . . . AI Showcase North Building Level 2

3:00–4:00 PM

**Scientific Papers Sessions**

Gastrointestinal (Liver Diffuse Disease: Iron, Fat)
Session SSM08  . . . . . . . . . . . . . E450B

Gastrointestinal (Pancreas Focal Disease)
Session SSM09  . . . . . . . . . . . . . E351

Gastrointestinal (DECT Technique)
Session SSM10  . . . . . . . . . . . . . E352

Gastrointestinal (CT Diagnosis)
Session SSM11  . . . . . . . . . . . . . E353A

Vascular/Interventional (Liver Cancer Basic Science)
Session SSM26  . . . . . . . . . . . . . S403A

4:30–6:00 PM

**Educational Courses**

Controversy Session: Hepatocellular Carcinoma: Should We Use CT, MR, or US?
Session SPSC42  . . . . . . . . . . . . . N227B

Thursday, Dec. 5, 2019

**Case of the Day**
Gastrointestinal Thursday Case of the Day
Session ED005-TH  . . . . . . . Case of Day, Learning Center

**7:15–8:15 AM**

**Educational Courses**

Keeping Radiology Weird: Spot Diagnoses from the Pacific Northwest (Case-based Competition)
Session SPDL50  . . . . . . . . . . . . . E451B
Friday, Dec. 6, 2019

8:30–10:00 AM
Educational Courses
Abdominal/Pelvic MRI in the Emergent Setting
Course RC829 ................................. E263

10:30 AM–12:00 PM
Scientific Papers Sessions
Gastrointestinal (Advanced Ultrasound Techniques)
Session SST03 ................................. E352

Posters and Exhibits Discussions
(CME is available when the author is present for discussion during the lunch period)

Sunday, Dec. 1, 2019

12:30–1:00 PM
Scientific Posters
CT-Derived Radiogenomic Signatures Predicting BRAF/KRAS Mutations and Overall Survival in Primary Colorectal Carcinoma Patients
GI378-SD-SUA5 ............................... Station #5

Feasibility of Dose Modulation for Reducing Radiation Dose with Arms-Down Patient Position in Abdominopelvic Computed Tomography
GI333-SD-SUA4 ............................... Station #4

Predictive Performance of Ultrasound-Determined Non-Alcoholic Fatty Pancreas Disease Severity for Intermediate and High Coronary Heart Disease Risk
GI332-SD-SUA3 ............................... Station #3

Quantitative Measurement of Hepatic Fibrosis on Gadoxetic Acid-Enhanced Magnetic Resonance Imaging in Patients with Chronic Liver Disease: Multicenter Study
GI330-SD-SUA1 ............................... Station #1

Quantitative System for Assessment of Imaging Features in Chronic Pancreatitits: A Feasibility and Validation Study
GI331-SD-SUA2 ............................... Station #2

Radiomics and Enhancement Ratio in Colorectal Cancer (CRC) Liver Metastases: Determination of Mutational Status
GI379-SD-SUA6 ............................... Station #6
The Diagnostic Performance of LI-RADS Version 2018 and Modified LI-RADS Major Features in the Diagnosis of 10-19 mm HCC Using Extracellular Contrast-Enhanced MRI
GI380-SD-SUA7  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #7

12:30–1:00 PM  
Education Exhibits  
Cross-Sectional Imaging of Malabsorption Syndromes: A Primer for the Contemporary Radiologist  
GI273-ED-SUA10  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #10  
Imaging Chemotherapy-Induced Liver Toxicity: What Every Radiologist Should Know  
GI272-ED-SUA9  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #9  
Intestinal Failure and Small Bowel Transplantation: Spectrum of Imaging Features and Complications  
GI276-ED-SUA12  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #12  
MR Imaging of Anal Canal: A Primer for Radiologists  
GI275-ED-SUA11  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #11  
Multidisciplinary Oncologic Approach of Anal Cancer: What the Radiologist Needs to Know  
GI008-EB-SUA  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Hardcopy Backboard  
Weighing In: Fluoroscopy of Anatomy and Complications After Weight Loss Surgery  
GI274-ED-SUA8  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #8

1:00–1:30 PM  
Scientific Posters  
Assessment of Aggressiveness of Rectal Cancer Using Quantitative Parameters Derived from Dual-Energy Spectral Computed Tomography  
GI381-SD-SUB4  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #4  
Clinical Significance of the Differences between the CT/MRI LI-RADS 5 and the OPTN Class 5 Classifications for Small 10-19mm Hepatic Nodules with Non-Rim Arterial Phase Hyper-Enhancement (APHE)  
GI383-SD-SUB6  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #6  
Deep Learning Reconstruction Can Improve Image Quality and Subjective Acceptance in Low Radiation Dose Abdominal CT: Comparison with Iterative Reconstruction Algorithm  
GI336-SD-SUB3  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #3  
Hepatocellular Carcinoma Screening Patterns with Imaging: Experience Form a Tertiary Care Transplant Center  
GI335-SD-SUB2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #2  
Non-Invasive MR Assessment of the Microstructure and Microcirculation in Regional Lymph Nodes for Rectal Cancer: A Study of Intravoxel Incoherent Motion Imaging  
GI334-SD-SUB1  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #1

Radiogenomics of Colorectal Adenocarcinoma: Quantitative and Quantitative Analysis of the Hepatic Metastases on CT for Prediction of KRAS Mutation -Preliminary Results  
GI382-SD-SUB5  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #5

1:00–1:30 PM  
Education Exhibits  
Bariatric Surgery Reduced to Simple Terms  
GI311-ED-SUB13  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #13  
Between the Duodenum and the Pancreas - What do We Know about Groove Pancreatitis?  
GI277-ED-SUB10  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #10  
MR Cholangiopancreatography: What Every Radiology Resident Must Know  
GI282-ED-SUB9  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #9  
Multimodality Imaging of the Transplant Liver: A Primer  
GI280-ED-SUB7  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #7  
Pancreas in Hereditary Syndromes: Cross-Sectional Imaging Spectrum  
GI279-ED-SUB12  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #12  
Pelvic Nodal Anatomy and Patterns of Nodal Spread in Rectal Cancer  
GI278-ED-SUB11  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #11  
Where’s The Leak? Radiographic Evaluation of Common Gastrointestinal Post-Operative Procedures  
GI281-ED-SUB8  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #8

Monday, Dec. 2, 2019

12:15–12:45 PM  
Scientific Posters  
CT Findings with High Specificity and Sensitivity for Closed Loop Small Bowel Obstruction  
GI340-SD-MOA4  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #4  
Evaluation of Treatment Response in Phase IB of the Study of Patients with Advanced Melanoma Treated by CMP-001 in Combination with Pembrolizumab: Relationship with Pre-Treatment Tumor Burden (TB) Using Volumetric Computed Tomography (CT) Biomarkers  
GI368-SD-MOA9  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #9  
Imaging Predictors of Pancreatic Adenocarcinoma Patient Survival After Resection  
GI366-SD-MOA7  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #7  
Joint Segmentation and Classification of Hepatic Lesions in Ultrasound Images Using Deep Learning  
GI370-SD-MOA11  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #11
MDCT Features for Diagnosis of Single Adhesive Band versus Matted Adhesions in Small Bowel Obstruction
GI339-SD-MOA3 . . . . . . . . . . . . . . . . . . . . . . . Station #3

Mucinous Cystic Neoplasms of the Liver versus Simple Biliary Cysts: CT/MR Features and Inter-Reader Agreement
GI369-SD-MOA10 . . . . . . . . . . . . . . . . . . . . . . . Station #10

Non-Contrast MRI as a Sequential Imaging for Characterizing CT-Detected Arterial Enhancing-Only Nodules in Patients at Risk for HCC
GI367-SD-MOA8 . . . . . . . . . . . . . . . . . . . . . . . Station #8

Predicting Early Tumor Recurrence Prior to Surgery Compared With After Surgery for Patients With Single HCC
GI344-SD-MOA1 . . . . . . . . . . . . . . . . . . . . . . . Station #1

Reproducibility of Radiomic Features Across Different Dose Strengths and Reconstructions for Diagnosis of Active Terminal ileal Crohn’s Disease on CT Enterography
GI364-SD-MOA5 . . . . . . . . . . . . . . . . . . . . . . . Station #5

The Role of Sarcopenia in Patients with Intrahepatic Cholangiocarcinoma Undergoing TACE and SIRT
GI338-SD-MOA2 . . . . . . . . . . . . . . . . . . . . . . . Station #2

Value of Diffusion Weighted Imaging and Circulating Tumor Cells on Predicting the Short-Term Efficacy of Chemoradiotherapy in Esophageal Squamous Cell Carcinoma Patients
GI365-SD-MOA6 . . . . . . . . . . . . . . . . . . . . . . . Station #6

12:15–12:45 PM

Education Exhibits
Learning to Ride the Wave: An Interactive Review of the Pitfalls in MR Elastography
GI283-ED-MOA13 . . . . . . . . . . . . . . . . . . . . . . . Station #13

Let’s Get to the Bottom of This: Updated Review of MRI Defecography in Males and Females
GI286-ED-MOA16 . . . . . . . . . . . . . . . . . . . . . . . Station #16

MR Staging of Rectal Carcinoma: A Case-Based Approach
GI284-ED-MOA14 . . . . . . . . . . . . . . . . . . . . . . . Station #14

MRI of Abdominal and Pelvic Tumors in Pregnancy
GI285-ED-MOA15 . . . . . . . . . . . . . . . . . . . . . . . Station #15

Nodal Staging of Gastric Cancer: Pictorial Illustration
GI288-ED-MOA12 . . . . . . . . . . . . . . . . . . . . . . . Station #12

12:45–1:15 PM

Scientific Posters
Comparison and Correlation of Attenuation Values on Virtual and True Non-Contrast images Obtained by Triphasic Dynamic Series with Third-Generation Dual-Source Dual-Energy CT
GI343-SD-MOB3 . . . . . . . . . . . . . . . . . . . . . . . . Station #3

Computed Tomography (CT) Determined Pancreatic Volume and Steatosis as a Discriminant Marker for Diagnosis of Type II Diabetics versus Non-Diabetic Controls
GI372-SD-MOB5 . . . . . . . . . . . . . . . . . . . . . . . . Station #5

CT Radiomics Features Enhance Preoperative Survival Prediction in Patients with Pancreatic Ductal Adenocarcinoma
GI375-SD-MOB8 . . . . . . . . . . . . . . . . . . . . . . . . Station #8

CT Texture Analysis May Predict Therapeutic Response of HCCs to Transcatheter Arterial Chemoembolization
GI376-SD-MOB9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9

Deep Learning-Assisted Diagnosis of Atypical Hepatocellular Carcinoma (HCC) on Contrast-Enhanced MR Imaging: Differentiating Pathologically Proven HCC from Non-HCC Liver Lesions
GI374-SD-MOB7 . . . . . . . . . . . . . . . . . . . . . . . . Station #7

Liver, Spleen Stiffness Measurements, and Their Derivatives as Noninvasive Predictors of Esophageal and High-Risk Esophageal Varices using 2D-Shear Wave Elastography in B-Viral Cirrhotic Patients
GI377-SD-MOB10 . . . . . . . . . . . . . . . . . . . . . . . Station #10

Predictive and Prognostic Value of CT-Based Radiomics Model for Lymph Node Metastasis in Esophageal Squamous Cell Cancer
GI342-SD-MOB2 . . . . . . . . . . . . . . . . . . . . . . . . Station #2

Preoperative MR Enterography in Predicting Early Anastomotic Recurrence after Primary Intestinal Resection in Crohn’s Disease
GI371-SD-MOB4 . . . . . . . . . . . . . . . . . . . . . . . . Station #4

Radiographic Follow-Up of Pancreatic Cystic Lesions: Are Follow-Up Recommendations Excessive?
GI341-SD-MOB1 . . . . . . . . . . . . . . . . . . . . . . . . Station #1

Structured Reporting of CT or MRI for Perihilar Cholangiocarcinoma: Usefulness for Clinical Planning and Interdisciplinary Communication
GI373-SD-MOB6 . . . . . . . . . . . . . . . . . . . . . . . . Station #6

12:45–1:15 PM

Education Exhibits
CEUS for Vascular Assessment of the Immediate Posttransplant Liver: When Doppler Fails
GI292-ED-MOB14 . . . . . . . . . . . . . . . . . . . . . . . Station #14

Guidelines for the Imaging of Patients with Clinically Suspected Chronic Pancreatitis or Patients at Risk of Chronic Pancreatitis
GI299-ED-MOB13 . . . . . . . . . . . . . . . . . . . . . . . Station #13
Knowing and Recognizing the Complications of the Bile Duct After Liver Transplant: Normal Anatomy, Variants, and Complications
GI293-ED-MOB16  . . . . . . . . . . . . . . . . . . . . . . Station #16

Peritoneal Metastasis, Cytoreductive Surgery (CRS), and Hyperthermic Intraperitoneal Chemotherapy (HIPEC): What the Radiologist Should Know
GI290-ED-MOB15  . . . . . . . . . . . . . . . . . . . . . . Station #15

The ABC of Birt-Hogg-Dube: A Brief Overview
GI294-ED-MOB11  . . . . . . . . . . . . . . . . . . . . . . Station #11

GI291-ED-MOB12  . . . . . . . . . . . . . . . . . . . . . . Station #12

Tuesday, Dec. 3, 2019

12:15–12:45 PM
Scientific Posters
Automated Quantification of Hepatic Steatosis Using Deep Learning in Penn Medicine BioBank Patients
GI337-SD-TUA1  . . . . . . . . . . . . . . . . . . . . . . Station #1

Comparison between ROI-Based and Volumetric Measurements of Liver Fibrosis Using MR Elastography in Quantifying Heterogeneity of Liver Stiffness
GI396-SD-TUA9  . . . . . . . . . . . . . . . . . . . . . . Station #9

Diffusion-Weighted MRI of Surgically Treated Gastrointestinal Stromal Tumor: Associations with Survival and Cell Proliferation Activity
GI345-SD-TUA2  . . . . . . . . . . . . . . . . . . . . . . Station #2

Does the Change in Volumetric Functional MR Metrics Post-TACE Predict Histopathologic Grading of Hepatocellular Carcinoma?
GI392-SD-TUA5  . . . . . . . . . . . . . . . . . . . . . . Station #5

Extracellular Contrast-Enhanced MRI with Diffusion-Weighted Imaging for HCC Diagnosis: Prospective Comparison with Gadoxetic Acid
GI347-SD-TUA4  . . . . . . . . . . . . . . . . . . . . . . Station #4

Influence of Sequence Selection of MR Enterography Diagnostic Accuracy
GI394-SD-TUA7  . . . . . . . . . . . . . . . . . . . . . . Station #7

Magnetic Resonance Imaging as a Non-Invasive Method for the Assessment of Pancreatic Fibrosis (MINIMAP): A Comprehensive Study Design from the Consortium for the Study of Chronic Pancreatitis, Diabetes, and Pancreatic Cancer
GI393-SD-TUA6  . . . . . . . . . . . . . . . . . . . . . . Station #6

Pilot Study to Assess Feasibility of Fast Whole-Body MRI Imaging in Oncologic Screening
GI397-SD-TUA10  . . . . . . . . . . . . . . . . . . . . . Station #10

Prediction of Liver Fibrosis using T1&rho; and T2 Relaxations
GI395-SD-TUA8  . . . . . . . . . . . . . . . . . . . . . . Station #8

Spectral CT of Pancreas: Added Value of Virtual Monoenergetic Imaging in the Patients with Pancreatic Ductal Adenocarcinoma
GI346-SD-TUA3  . . . . . . . . . . . . . . . . . . . . . . Station #3

12:15–12:45 PM
Education Exhibits
Abdominal Complications After Lung Transplantation
GI298-ED-TUA15  . . . . . . . . . . . . . . . . . . . . . . Station #15

Imaging in the Evaluation of Potential Living Donor for Liver Transplantation
GI295-ED-TUA12  . . . . . . . . . . . . . . . . . . . . . . Station #12

Morison’s Pouch: Anatomical Background, Pathologies, and Spread of Disease on Cross Sectional Imaging
GI296-ED-TUA13  . . . . . . . . . . . . . . . . . . . . . . Station #13

MRI Evaluation of Pathological Complete Response of Locally Advanced Rectal Cancer after Neoadjuvant Chemoradiation Therapy: Can We Wait and What Will We Watch?
GI297-ED-TUA11  . . . . . . . . . . . . . . . . . . . . . . Station #11

Single-Energy CT Subtraction and Iodine Enhancement Map: Protocol and Abdominal Applications
GI300-ED-TUA14  . . . . . . . . . . . . . . . . . . . . . . Station #14

12:45–1:15 PM
Scientific Posters
Can Single-Section, Machine Learning-Based Radiomics Differentiate Normal Liver from Diffuse Liver Diseases?
GI400-SD-TUB6  . . . . . . . . . . . . . . . . . . . . . . Station #6

Feasibility of a Non-Invasive Short MRI Surveillance (SMS) Protocol as a Screening Tool for Hepatocellular Carcinoma (HCC) in High-Risk Patients
GI401-SD-TUB7  . . . . . . . . . . . . . . . . . . . . . . . Station #7

Hepatocellular Carcinoma with Hilar Bile Duct Tumor Thrombus Versus Hilar Cholangiocarcinoma on Enhanced Computed Tomography: A Diagnostic Challenge
GI349-SD-TUB2  . . . . . . . . . . . . . . . . . . . . . . . Station #2

Impaired Glucose Tolerance: Relationship with Pancreatic Fibrosis Using T1 Mapping and Pancreatic Exocrine Function Estimated by Cine-Dynamic MRCP Using a Spatially Selective Inversion-Recovery Pulse
GI399-SD-TUB5  . . . . . . . . . . . . . . . . . . . . . . . Station #5
Iodine Map Imaging Using Dual-Energy CT has Ability to Evaluate the Severity of Liver Fibrosis

GI350-SD-TUB3  . . . . . . . . . . . . . . . . . . . . . . . Station #3

Macro Regenerative Nodules in PSC Disease: MRI Features

GI398-SD-TUB4  . . . . . . . . . . . . . . . . . . . . . . . Station #4

Non-Invasive Liver Iron Overload Measurements by MRI: Comparison of Two Validated Protocols

GI403-SD-TUB9  . . . . . . . . . . . . . . . . . . . . . . . Station #9

Prediction of Disease-Free Survival in Colorectal Cancer Patients with Liver Metastasis Using Radiomics Features

GI402-SD-TUB8  . . . . . . . . . . . . . . . . . . . . . . . Station #8

Radiomic Analysis of Contrast-Enhanced CT Predicts Microvascular Invasion and Outcome in Hepatocellular Carcinoma

GI348-SD-TUB1  . . . . . . . . . . . . . . . . . . . . . . . Station #1

12:45–1:15 PM

Education Exhibits

A Diagnosis Difficult To Swallow: Dysphagia Revisited

GI303-ED-TUB10  . . . . . . . . . . . . . . . . . . . . . . . Station #10

Achalasia: A Primer for Radiologists

GI301-ED-TUB13  . . . . . . . . . . . . . . . . . . . . . . . Station #13

Clinical Impact of State-of-the-Art CT Technology in Abdominal CT: Ultra-High Resolution CT (UHRCT) and Low-Voltage CT

GI306-ED-TUB15  . . . . . . . . . . . . . . . . . . . . . . . Station #15

Dual Energy CT Applications in Pancreatic Pathologies

GI305-ED-TUB12  . . . . . . . . . . . . . . . . . . . . . . . Station #12

Right Lower-Quadrant Ultrasound Techniques, Tricks, and Pitfalls for Tenderness to Palpation

GI304-ED-TUB11  . . . . . . . . . . . . . . . . . . . . . . . Station #11

The New 2017 World Health Organization (WHO) Classification of Pancreatic Neuroendocrine Tumors: A Primer for Radiologists

GI302-ED-TUB14  . . . . . . . . . . . . . . . . . . . . . . . Station #14

Wednesday, Dec. 4, 2019

12:15–12:45 PM

Scientific Posters

Assessment of Liver Surface Nodularity, Sarcopenia, and Visceral Obesity as Predictors of Cardiometabolic Risk Factors in African Americans

GI417-SD-WEA10  . . . . . . . . . . . . . . . . . . . . . . . Station #10

CT in Differentiating Complicated from Uncomplicated Appendicitis: Any-of-10 CT Features versus Radiologists’ Gestalt Assessment

GI404-SD-WEA5  . . . . . . . . . . . . . . . . . . . . . . . Station #5

Diagnostic Value of CT Lymphangiography (CTL) in Primary Intestinal Lymphangiectasia (PIL)

GI410-SD-WEA11  . . . . . . . . . . . . . . . . . . . . . . . Station #11

Impact of Dual-Energy 50 keV Virtual Monoenergetic Images on Radiologist Detection and Diagnostic Confidence of Small Hepatocellular Carcinomas Using Multiphase Liver CT

GI407-SD-WEA8  . . . . . . . . . . . . . . . . . . . . . . . Station #8

Low Flow Continuous Oxygen Inhalation May Avoid the Incidence of “Transient Severe Motion” (TSM) after Administration of Gadoxetate Disodium

GI405-SD-WEA6  . . . . . . . . . . . . . . . . . . . . . . . Station #6

Metabolic Alterations Associated with Development of Hepatocellular Carcinoma in Patients with Hepatitis-Induce Liver Cirrhosis: Effect of Aging and Enzymatic Activity

GI353-SD-WEA3  . . . . . . . . . . . . . . . . . . . . . . . Station #3

Multiparametric Assessment of Microvascular Invasion in Hepatocellular Carcinoma Using Gadoxetic Acid-Enhanced MRI

GI352-SD-WEA2  . . . . . . . . . . . . . . . . . . . . . . . Station #2

Multiparametric MRI Screening in Hereditary Pancreatic Cancer: Value of A Magnetization-Prepared Gradient Echo Sequence

GI408-SD-WEA9  . . . . . . . . . . . . . . . . . . . . . . . Station #9

Performance of Gadoxetic-Acid MRI and Diffusion-Weighted Imaging for the Diagnosis of Early Recurrence of Hepatocellular Carcinoma

GI354-SD-WEA4  . . . . . . . . . . . . . . . . . . . . . . . Station #4

Prediction of Pancreatic Atrophy after Steroid Therapy in Autoimmune Pancreatitis using Extracellular Volume Fraction in Contrast-Enhanced Computed Tomography

GI351-SD-WEA1  . . . . . . . . . . . . . . . . . . . . . . . Station #1

Utility of Half-Dose of Iodinated-Intravenous Contrast in Dual-Energy Computed Tomography: Qualitative and Quantitative Evaluation of Image Quality and Diagnostic Acceptability

GI406-SD-WEA7  . . . . . . . . . . . . . . . . . . . . . . . Station #7

12:15–12:45 PM

Education Exhibits

Cinematic Rendering in Abdominopelvic Pathologies: How This Novel Tool Can Help

GI310-ED-WEA13  . . . . . . . . . . . . . . . . . . . . . . . Station #13
Extranodal Extension Grading Atlas to Decide the Multimodal Treatment Strategy for Esophageal Squamous Cell Carcinoma
GI312-ED-WEA16 ..................................... Station #16

Intestinal Ostomies: What Radiologists Need to Know
GI309-ED-WEA12 ................................. Station #12

Pancreatic Transplantation: A Multimodality Pictorial Review
GI308-ED-WEA15 ..................................... Station #15

Spectrum of Rectus Abdominis Masses: What, When, and Why
GI307-ED-WEA14 ..................................... Station #14

12:45–1:15 PM
Scientific Posters
Clinical Benefit of Portography on the Spectral CT with Fast kVp-Switching Single-Source Dual-Energy CT Scanning: Comparison with Conventional Helical Scan on the Different Volume of Contrast Medium Injection Protocol
GI355-SD-WEB1 ..................................... Station #1

Comparative Quantification of Liver Iron Concentration at 1.5T and 3T: Standardization Proposal
GI416-SD-WEB9 ..................................... Station #9

CT and MRI of Diffuse Liver Disease: Roadmap to an AI-Based Algorithm for Multiparametric Categorization of Parenchymal Disease Differentiating Steatosis, Steatohepatitis, and Cirrhosis from Normal Parenchyma
GI409-SD-WEB10 ................................. Station #10

CT Radiomics to Predict Chemotherapy Tumor Response in Metastatic Colorectal Cancer
GI413-SD-WEB6 ..................................... Station #6

Differentiating New Hepatic Metastases from Focal Hepatopathy in Patients During Treatment for Malignancy
GI412-SD-WEB5 ..................................... Station #5

Evaluation of Small Equivocal Cystic Lesions of the Pancreas Using Contrast-Enhanced Spectral-Detector CT: Single Institution Study in 25 Lesions
GI415-SD-WEB8 ..................................... Station #8

Hepatocellular Carcinoma Grading and Recurrence Prediction using T1 Mapping on Gd-EOB-DTPA-Enhanced MR Imaging
GI356-SD-WEB2 ..................................... Station #2

Liver Imaging Reporting and Data System: Comparison in Diagnostic Performance between Computed Tomography and Gadoxetic Acid-Enhanced Magnetic Resonance Imaging
GI357-SD-WEB3 ..................................... Station #3

Readers’ Preferences and Objective Analysis of DECT in Acute Appendicitis
GI414-SD-WEB7 ..................................... Station #7

Severity Assessment of Acute Pancreatitis by Iodine Mapping with Dual-Energy Computed Tomography
GI411-SD-WEB4 ..................................... Station #4

12:45–1:15 PM
Education Exhibits
How to Navigate Out of Complex Fistulas on Pelvic MRI
GI313-ED-WEB15 ................................. Station #15

Oncological Applications of Diffusion Kurtosis in the Gastrointestinal System: How, When and Why
GI318-ED-WEB14 ..................................... Station #14

Pancreatic Injury: Multimodality Imaging and Updated Review of Management
GI317-ED-WEB12 ................................. Station #12

Retroperitoneal Masses: A Pattern-Based Approach
GI314-ED-WEB13 ..................................... Station #13

Spectral Detector CT Applications in Advanced Liver Imaging
GI316-ED-WEB11 ..................................... Station #11

Thursday, Dec. 5, 2019
12:15–12:45 PM
Scientific Posters
Cirrhosis-Like HCC - A New Subtype of HCC? A Clinical, Pathologic, And Radiologic Correlation
GI360-SD-THA3 ..................................... Station #3

Deep Learning Assisted MRI Prediction of Tumor Response to Chemotherapy for Patients with Colorectal Liver Metastases
GI358-SD-THA1 ..................................... Station #1

Diagnostic Performance of Quantitative Ultrasound Parameters for Detection and Classification of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease
GI385-SD-THA6 ..................................... Station #6

Differentiation of Pancreatic Mucinous Cystic Neoplasm from Macrocystic Serous Cystic Adenoma: Feasibility of Radiomic Analysis and Comparison of Diagnostic Performance between Radiomic Model and Radiologists
GI384-SD-THA5 ..................................... Station #5

Reduction of Motion Artifact and Improvement of Lesion Visibility of the Left Lobe in the Liver: Usefulness of Velocity-Compensated Diffusion-Weighted MRI
GI387-SD-THA4 ..................................... Station #4

GI386-SD-THA7 ..................................... Station #7
Value of MRI as A Screening Tool for Hepatocellular Carcinoma in a High-Risk Population
GI359-SD-THA2 . . . . . . . . . . . . . . . . . . . . . . . . . Station #2

12:15–12:45 PM

Education Exhibits
Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy in Hepatocellular Carcinoma Treatment: What Radiologists Need to Know
GI321-ED-THA10 . . . . . . . . . . . . . . . . . . . . . . . . Station #10
Cholangiocarcinoma in 2019: Current Update in Pathology, Classification, and Imaging Findings
GI320-ED-THA9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9
Defecography: Assessment of Different Imaging Methods a Review
GI324-ED-THA13 . . . . . . . . . . . . . . . . . . . . . . . . . Station #13
From Incidental to Intentional: A Review of Appropriately Managing Imaging Incidentalomas
GI319-ED-THA8 . . . . . . . . . . . . . . . . . . . . . . . . Station #8
GI323-ED-THA12 . . . . . . . . . . . . . . . . . . . . . . . . Station #12
Texture Analysis in Abdominal Imaging: From Basic Concepts to Applications
GI322-ED-THA11 . . . . . . . . . . . . . . . . . . . . . . . . Station #11

12:45–1:15 PM

Scientific Posters
Contrast Enhanced Ultrasound (CEUS) for Detection of Immediate Post-Operative Vascular Patency of Pancreas Transplant: Comparison with Doppler Imaging
GI388-SD-THB4 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #4
Differences on H-MR Spectroscopy-Based Hepatic Metabolite Concentrations Between Hepatocellular Lesions, Benign Cirrhotic Lesions and Patients without Hepatic Disease: A Pilot Study
GI390-SD-THB6 . . . . . . . . . . . . . . . . . . . . . . . . . Station #6
Magnetic Resonance Diffusion Kurtosis Imaging in Early Diagnosis of Non-Alcoholic Steatohepatitis: A Preliminary Study in a Rabbit Model
GI363-SD-THB3 . . . . . . . . . . . . . . . . . . . . . . . . . Station #3
Measurement of Circumferential Tumor Extent of Colorectal Cancer on CT Colonography: Relation to Clinicopathological Features and Patient Prognosis
GI362-SD-THB2 . . . . . . . . . . . . . . . . . . . . . . . . Station #2

MRI versus CT for the Detection of Liver Metastases in Patients with Pancreatic Carcinoma: A Comparative Diagnostic Test Accuracy Systematic Review and Meta-Analysis
GI389-SD-THB5 . . . . . . . . . . . . . . . . . . . . . . . . . Station #5
Optimization of Contrast Medium for Abdominal CT in Oncologic Patient: A Prospective Comparison Between Fixed and Lean Body Weight-Adapted Injection Protocols
GI391-SD-THB7 . . . . . . . . . . . . . . . . . . . . . . . . Station #7
Robotic-Arm Assisted Tele-Sonography: Initial Clinical Results and Feasibility
GI361-SD-THB1 . . . . . . . . . . . . . . . . . . . . . . . . . Station #1

12:45–1:15 PM

Education Exhibits
Dual-Energy CT of Acute Bowel Ischemia
GI326-ED-THB10 . . . . . . . . . . . . . . . . . . . . . . . . . Station #10
Imaging of Extrahepatic Biliary Obstruction: Causes, Clinical Aspects, and Imaging Features
GI328-ED-THB12 . . . . . . . . . . . . . . . . . . . . . . . . Station #12
Navigating the Canal: Inguinal Canal Pathology and Common Mimics
GI325-ED-THB9 . . . . . . . . . . . . . . . . . . . . . . . . . Station #9
Open Your Eyes! Similar but Not Equal: A Radiologic-Pathologic Correlation of the Pancreatic Cystic Neoplasms
GI329-ED-THB8 . . . . . . . . . . . . . . . . . . . . . . . . . Station #8
The Role of Hepatobiliary Agents and Different Imaging Modality in the Classification of Bile Duct Injuries
GI327-ED-THB11 . . . . . . . . . . . . . . . . . . . . . . . . . Station #11
## Education Exhibits

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GI128-ED-X  Appendix Spectrum: Common and Uncommon Pathology
GI129-ED-X  Small Bowel Masses: A Pictorial Review
GI130-ED-X  Clinical Approach and Pictorial Review of Small Bowel Thickening: When Crohn’s Disease and Malignancy Are Not the Diagnostic Answers
GI131-ED-X  Wanderlust in the Abdomen and Pelvis: Imaging Overview of Wandering Spleen
GI132-ED-X  Pancreatic Cancer Imaging: A New Look at an Old Problem
GI133-ED-X  Hepatic Hydatid Disease: What’s in a Name? A Review of the Radiological Differences Between Alveolar (Echinococcus Multilocularis) and Cystic (Echinococcus Granulosus) Hydatid Disease for the Radiologist in Non-Endemic Areas
GI134-ED-X  Peritoneal Disease and Peritoneal Carcinomatosis Index (PCI): The Role of the Radiologist
GI135-ED-X  CT Staging of Pancreatic Adenocarcinoma: A Focus on Structured Reporting
GI136-ED-X  Under Pressure! The “State-of-the-Art” of Portal Hypertension
GI137-ED-X  Percutaneous Treatment of Liver Lesions: How Can Contrast-Enhanced Ultrasonography Help?
GI138-ED-X  Imaging in Liver Fibrosis: Evolving from the Subjective to the Objective
GI139-ED-X  Diverticular Disease of the Gastrointestinal Tract: A Pictorial Review from the Esophagus to Colon
GI140-ED-X  Various Faces of Pancreatic Adenocarcinoma: Atypical Imaging Features
GI141-ED-X  Dealing with the Epidemic: A Review of the Abdominal Imaging Findings of Recreational Drug Abuse
GI142-ED-X  Imaging of the Hepatic Arterial Chemotherapy Infusion Pump and Its Complications: What the Radiologist Needs to Know
GI143-ED-X  Colorectal Liver Metastases: Radio-pathological Correlation
GI144-ED-X  CT Imaging of Retrievable IVC Filters: What the General Radiologist Should Know When Temporary Becomes Permanent
GI145-ED-X  DUOPA in Distress: What Radiologists Should Know About a New Gastrojejunostomy System Fraught with Complications
GI146-ED-X  The Biliary Cystadenoma: Evolving and Updated
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