

RSNA® 2019
DECEMBER 1-6

Gastrointestinal Radiology

RADIOLOGICAL SOCIETY
OF NORTH AMERICA
105TH Scientific Assembly
and Annual Meeting

Meeting.RSNA.org
#RSNA19

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 Symposiums 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.

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



4:00-5:45 PM

Plenary Sessions

Sunday Afternoon Plenary Session

Session PS12 **Arie Crown Theater**

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 SPAI21 **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 MSCA21 **S100AB**

1:30-3:30 PM

Educational Courses

Contrastes y Trazadores: Estado del Art-Sesion del Colegio Interamericano de Radiologia (CIR) en Espanol/Contrast

Agents and Radiopharmaceuticals: State of the Art-Session of Interamerican College of Radiology (CIR) in Spanish

Session SPSP21 **E353C**

3:00-4:00 PM

Scientific Papers Sessions

Gastrointestinal (Hepatobiliary)

Session SSE07 **S404CD**

Gastrointestinal (Esophagus and Stomach)

Session SSE08 **S404AB**

Gastrointestinal (Artificial Intelligence and Machine Learning)

Session SSE09 **N230B**

Gastrointestinal (Small Bowel, Crohn Disease)

Session SSE10 **N229**

3:15-5:15 PM

Educational Courses

Interventional Oncology Series: Primary Liver Cancer-Update on Therapeutic Options and Future Outlook

Course VSI022 **E450B**

3:30-5:00 PM

Educational Courses

Case-based Review of the Abdomen (Interactive Session)

Course MSCA22 **S100AB**

4:30-6:00 PM

Educational Courses

Chest and Abdomen (Case-based Competition)

Session SPDL21 **E451B**

Special Interest Session: The Best of Radiology in 2019-The Editors of Radiology Keep You Up to Date

Session SPSI21 **N227B**

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 S402AB

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**

**8:30-10:00 AM****Educational Course**

Case Review: Rectal MRI (Interactive Session)

Course RC609 E451B

Abdominal Doppler: What You Need to Know

Course RC610 E351

Emerging Technology: Elastography of the Liver - Update 2019

Course RC617 S505AB

Best Cases from the AIRP (In Conjunction with the American Institute for Radiologic Pathology) (Interactive Session)

Course RC624 S404CD**8:30 AM-12:00 PM****Educational Courses**

Emergency Radiology Series: Contemporary Topics in Imaging of Trauma

Course RC608 S401CD**10:30 AM-12:00 PM****Scientific Papers Sessions**

Gastrointestinal (Oncology)

Session SSQ06 S103AB

Gastrointestinal (Advanced MRI Techniques)

Session SSQ07 S103CD

Gastrointestinal (Advanced CT Technique)

Session SSQ08 S102CD**12:15-12:45 PM****Posters and Exhibits: Discussions**

Gastrointestinal Thursday Poster Discussions

Session GIS-THA GI Community, Learning Center**12:45-1:15 PM****Posters and Exhibits: Discussions**

Gastrointestinal Thursday Poster Discussions

Session GIS-THB GI Community, Learning Center**4:30-6:00 PM****Educational Courses**

LI-RADS Update (Interactive Session)

Course RC709 S406A

Rectal MRI (Interactive Session)

Course RC729 S105AB**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

G1378-SD-SUA5 Station #5

Feasibility of Dose Modulation for Reducing Radiation Dose with Arms-Down Patient Position in Abdominopelvic Computed Tomography

G1333-SD-SUA4 Station #4

Predictive Performance of Ultrasound-Determined Non-Alcoholic Fatty Pancreas Disease Severity for Intermediate and High Coronary Heart Disease Risk

G1332-SD-SUA3 Station #3

Quantitative Measurement of Hepatic Fibrosis on Gadoteric Acid-Enhanced Magnetic Resonance Imaging in Patients with Chronic Liver Disease: Multicenter Study

G1330-SD-SUA1 Station #1

Quantitative System for Assessment of Imaging Features in Chronic Pancreatitis: A Feasibility and Validation Study

G1331-SD-SUA2 Station #2

Radiomics and Enhancement Ratio in Colorectal Cancer (CRC) Liver Metastases: Determination of Mutational Status

G1379-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 From 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

GI289-ED-MOB13 **Station #13**



Knowing and Recognizing the Complications of the Bile Duct After Liver Transplant: Normal Anatomy, Variants, and Complications

GI293-ED-MOB16Station #16

Peritoneal Metastasis, Cytoreductive Surgery (CRS), and Hyperthermic Intraperitoneal Chemotherapy (HIPEC): What the Radiologist Should Know

GI290-ED-MOB15Station #15

The ABC of Birt-Hogg-Dube: A Brief Overview

GI294-ED-MOB11Station #11

You Are at the Crossroads: Where Will You Go Next? - A Comprehensive Review of Currently Available Guidelines for Diagnosis and Management of Pancreatic Cystic Lesions

GI291-ED-MOB12Station #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 Gadoteric 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 ρ 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-Induced Liver Cirrhosis: Effect of Aging and Enzymatic Activity

GI353-SD-WEA3 **Station #3**

Multiparametric Assessment of Microvascular Invasion in Hepatocellular Carcinoma Using Gadoteric 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 Gadoteric-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**

The Evaluation of Low-Dose Contrast Media Protocol by Using New Saline Chaser Administered via Spiral Flow Injection Tube on a Single-Source Dual-Energy CT
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**

Step by Step: A Guide to Barium Swallow for the Study of Anatomy and Function of the Gastroesophageal Junction

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

SPACE No.	EXHIBIT TITLE
GI001-EB-X	Intrahepatic Biliary Tree Anatomic Variants: MRCP Findings
GI002-EB-X	Imaging and Review of Cholecystectomy Complications
GI003-EB-X	Quality Assessment of Diagnostic Accuracy Studies (QUADAS)-2 Tool: A Practical Approach Using the Liver Imaging Reporting and Data System (LI-RADS)
GI004-EB-X	Mimickers of Hepatocellular Carcinoma in the Setting of Chronic Liver Disease
GI005-EB-X	Too Hard to Differentiate? Pictorial Review of Lesser Sac Diseases Focusing Cystic or Cavitory Change
GI006-EB-X	Pneumatosis Intestinalis in Adult Bilateral Lung Transplant Patients: A Single Institution Experience and Literature Review
GI007-EB-X	Morphologic and Functional Features of Cholestatic Liver Diseases Using Gadoteric Acid-Enhanced MRI
GI100-ED-X	Imaging of Hepatocellular Carcinoma Treated by Proton Beam Therapy: What Radiologists Should Know
GI101-ED-X	Fat and Flow: Secondary Signs that Improve the Diagnosis of Appendicitis in the Sonographically Equivocal Appendix
GI102-ED-X	Brief Guide: Ultrasound Evaluation of Organ Transplant
GI103-ED-X	The Postsurgical Pelvis: Expected Findings versus Complications
GI104-ED-X	Ultrasound in Perineal Fistulas and Abscesses
GI105-ED-X	The Mysterious Mesentery: An Imaging Review
GI106-ED-X	Pearls and Pitfalls in Multimodality Imaging of Colonic Volvulus
GI107-ED-X	Small Bowel Malignancies
GI108-ED-X	Differential Diagnosis of Left Iliac Fossa: Diagnostic Approach by Ultrasound Beyond Acute Diverticulitis
GI109-ED-X	Spectrum of CT Findings in Amebic Colitis
GI110-ED-X	Colorectal Cancer Mimics: A Lineup of the 'Usual Suspects' with Radiologic-Pathologic Interrogation
GI111-ED-X	The Challenge of Unenhanced Body CT: How to Enhance Your Read
GI112-ED-X	Role of Computed Tomography and Magnetic Resonance Imaging Findings in the Diagnosis of Rectal Submucosal Tumors
GI113-ED-X	Extraosseous Multiple Myeloma: Imaging Spectrum in the Abdomen and Pelvis
GI114-ED-X	The Many Faces of Postoperative Colon: A Review of Normal Findings, Pitfalls, and Complications
GI115-ED-X	Creeping Fat: The Story So Far
GI116-ED-X	The Role of Imaging in Quantitative Assessment of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease: Focus on Quantitative Ultrasound Approaches
GI117-ED-X	Diffuse Enlargement of the Pancreas: Not Always Autoimmune Pancreatitis
GI118-ED-X	Abdominoperineal Resection and Beyond
GI119-ED-X	The Blurred Diagnosis: Fat Stranding Patterns, Differentials, and Pitfalls - What Do Residents Need to Know?
GI120-ED-X	Videodefecography in the Pelvis Floor Dysfunction: Is it Still Useful?
GI121-ED-X	A Call to Action - Knowledge Gaps in LI-RADS Version 2018: Engaging Radiologists, Surgeons, and Clinicians to Improve LI-RADS
GI122-ED-X	Colonic Interposition after Esophagectomy in Barium Studies: A Series of Awe-inspiring Esophagograms
GI123-ED-X	Crohn's Disease: Pictorial Review of the CT and MR Findings, Standardized Terminology, and Management Guidelines from the 2018 Consensus Recommendations
GI124-ED-X	What Radiologists Should Do to Perform an Abdominal MR Exam on Severe Dyspneic Patients



- GI125-ED-X** Policing the Abdomen: Imaging of the Greater Omentum on CT and MRI
- GI126-ED-X** Endoanal Ultrasonography of Anal Disease: A Primer for Abdominal Radiologists
- GI127-ED-X** Tracking the Fluid: A Resident's Guide to Interpret Route of Spread of Peritoneal Pathologies
- 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
- GI147-ED-X** Multifaceted Pancreatic Serous Cystadenoma and Its Differential Diagnosis at MRI
- GI148-ED-X** Automated CT Biomarkers for Opportunistic Cardiometabolic Screening: Adding Value Beyond the Clinical Indication
- GI149-ED-X** Imaging of Pathology Involving the Hepatic Veins and Inferior Vena Cava
- GI150-ED-X** The Ghost in MRCP: How to Reduction Motion Artifact in Respiratory-Gated MRI
- GI151-ED-X** Something's Wrong with My Six-Pack: Pre and Post-Surgical Imaging Findings of Abdominal Wall Hernias
- GI152-ED-X** MR Imaging of Acute Abdomen: Acute Appendicitis and Beyond
- GI153-ED-X** Biologic Therapy in Inflammatory Bowel Disease: A Radiologic Review
- GI154-ED-X** Prediction and Early Recognition of Biliary Procedure Complications: Identifying What Really Matters
- GI155-ED-X** How to Interpret Magnetic Resonance Imaging for Acute Gastrointestinal Lesions: Correlation with Pathophysiology
- GI156-ED-X** Imaging Spectrum of Ischemic Colitis: A Case-based Review



- GI157-ED-X** Small and Large Bowel Obstruction: Imaging approach, Etiology, and Treatment
- GI158-ED-X** Microbiota-Induced Gastrointestinal Malignancies: A Comprehensive Review
- GI159-ED-X** Perineum, the Great Forgotten: Test Your Knowledge in Unusual Perineal Masses
- GI160-ED-X** Morphometric Changes and Imaging Findings of Diffuse Liver Disease in Relation to Intrahepatic Hemodynamics
- GI161-ED-X** Pearls and Pitfalls of Imaging Features of Pancreatic Cystic Lesions: A Case-Based Approach
- GI162-ED-X** The Closed-Loop Conundrum: Imaging Features of Closed-Loop Small Bowel Obstruction on CT
- GI163-ED-X** Imaging Manifestations of Meckel's Diverticulum: We Love Meckel's Diverticulum!
- GI164-ED-X** Preoperative Simulation in Malignant Liver Tumor Resection: Is Simulation Possible without Liver Analysis Application Software?
- GI165-ED-X** Colorectal Cancer in the Emergency Department: Don't Miss It!
- GI166-ED-X** Gallbladder Cancer and Its Differential Diagnosis at MRI: What Radiologists Should Know
- GI167-ED-X** 'There's Something in my Throat': Educational Review of Common and Not-So-Common Etiologies of Dysphagia
- GI168-ED-X** Primary Sclerosing Cholangitis: Emphasis on Role of MRI in Assessing Evolution and Complications
- GI169-ED-X** Gallstones Gone Crazy: An Imaging Panorama of Gallstone Complications
- GI170-ED-X** Floor is Not Always Smooth: Spectrum of Pelvic Floor Abnormalities in Dynamic MRI Defecography
- GI171-ED-X** Gynecologic Causes of Abdominal Pain on CT and MR Enterography
- GI172-ED-X** The Many Faces of Bowel Ischemia
- GI173-ED-X** An Imaging Exploration of Perianal Fistulas
- GI174-ED-X** The Preoperative and Postoperative Colon: What the Radiologist Needs to Know
- GI175-ED-X** Rare Peritoneal Tumors, Tumor-Like Conditions, and Mimics: Clinical and Imaging Clues to Diagnosis
- GI176-ED-X** Unequivocal Guide to LI-RADS Treatment Response: Assessment of HCC Response After Arterial-based Locoregional Therapies
- GI177-ED-X** Images You Can't Forget: The Importance of Barium in the Diagnosis of Esophageal Diseases
- GI178-ED-X** Cholangiopathies, Going Down the Rabbit Hole
- GI179-ED-X** A Systematic, Pattern-based Approach to Imaging Evaluation of Uncommon Liver Tumors in the Non-Cirrhotic Liver
- GI180-ED-X** MRI Findings in Complicated Crohn's Disease
- GI181-ED-X** Multimodality Imaging of Abdominal Neoplasms with Tumor Thrombus: What Radiologists Should Know
- GI182-ED-X** Updates on Radiological and Clinicopathological Findings of Solid Pseudopapillary Neoplasm
- GI183-ED-X** Multimodality Imaging and Pathophysiology of Non-Mass-Forming Malignant Tumors
- GI184-ED-X** Diseases Which Should Not Be Overlooked in the Assessment of Suspected Appendicitis
- GI185-ED-X** The Complementary Value of Glancing at the CT Scout (Topogram) for Abdominal CT Interpretation
- GI186-ED-X** Volumetric Parameters of Functional MRI and Their Radiomic Features in Predicting HCC Tumor Differentiation
- GI187-ED-X** Application of Spectral CT in the Response Evaluation of HCC After Locoregional Therapy: A Combination of Low Radiation Dose and Spectral Images



- GI188-ED-X** Common Patterns of Change in ADC Histogram of Hepatocellular Carcinoma Lesions Following Transarterial Chemoembolization and Their Relationship with Patients' Prognosis
- GI189-ED-X** Upping Your Klatskin Game: Case-based Review with Intraoperative Correlation
- GI190-ED-X** The Revised Atlanta Classification of Acute Pancreatitis: What Radiologists Must Know
- GI191-ED-X** Multimodality Liver Imaging in Adults After Fontan Procedure
- GI192-ED-X** Let's Make it Easy: Differential Diagnosis in Bowel Wall Thickening
- GI193-ED-X** MR of Rectal Cancer: How to Report It? A Practical Guide for Staging Report
- GI194-ED-X** Cleaning Up Leak Studies: Reviewing Fluoroscopy Techniques to Optimize Detection of Leaks and Tears in the Esophagus and Stomach
- GI195-ED-X** Gastrointestinal Stromal Tumors: A Comprehensive Review of Clinical, Imaging, and Pathological Features
- GI196-ED-X** Bioabsorbable Hemostatic Agents: Normal Appearance versus Postoperative Abdominal Abscess: CT Findings
- GI197-ED-X** Artificial Intelligence and Liver Segmentation: Current Applications and Future Directions
- GI198-ED-X** Pictorial Tour of Unusual and Uncommon Metastases in Abdomen and Pelvis
- GI199-ED-X** Choosing the Best Test for Biliary Imaging: Re-Examining the Role of MRCP
- GI200-ED-X** Hepatic Iron Quantification MR Imaging Based: Is it Possible to Make it Simple?
- GI201-ED-X** Challenges in the Interpretation of Post-Treatment MRI in Rectal Cancer: How to Successfully Navigate the Minefield of Post-Treatment MRI
- GI202-ED-X** The Potential Role of Cinematic Rendering of the Stomach in Lesion Detection and Classification: Early Observations in Clinical Practice
- GI203-ED-X** The Cecum Revisited: A Multimodality Imaging Case-based Review of Common and Uncommon Cecal Diseases
- GI204-ED-X** 'Where's That Sandwich?' Evaluating Esophageal Injuries on Esophagram CT
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- GI206-ED-X** How Do Metal Artifacts in the Pelvis Influence on CT Colonography? Utility of Ultra-High Resolution Metal Artifact Reduction Reconstruction
- GI207-ED-X** Don't Get Washed Out: Atypical Manifestations of Hepatocellular Carcinoma
- GI208-ED-X** Hyperintense Nodules on Hepatobiliary Phase Gadoteric Acid-Enhanced MR Images
- GI209-ED-X** Make No Mistake: Multimodality Imaging of Splenosis Mimicking Other Pathologies
- GI211-ED-X** Artificial Intelligence for Early Detection of Pancreatic Cancer: Preliminary Observations and Challenges
- GI212-ED-X** A Multidisciplinary Approach for Program Development with Artificial Intelligence in Pancreatic Cancer: How We Fit In
- GI213-ED-X** Uncommon Small Bowel Disorders on CT/MR Enterography
- GI214-ED-X** Imaging of Cholangiocarcinoma: Its Risk Factors and Mimics
- GI215-ED-X** Pictorial Review of Dynamic Contrast-Enhanced CT Colonography and Monoenergetic Imaging of Colon Cancers Using TwinBeam Dual Energy-CT
- GI216-ED-X** Utility of MRI and MRCP in Imaging of Post-Operative Pancreas
- GI217-ED-X** Transjugular Intrahepatic Portosystemic Shunt: Indications, Evaluation, and Complications with Multimodality Correlation
- GI218-ED-X** Inguinal Hernias: A Review of Anatomy and Interesting Cases
- GI219-ED-X** Internal Hernias: Using Anatomic Landmarks to Make the Diagnosis



- GI220-ED-X** Complications of Inflammatory Bowel Disease: Be Aware to Look Beyond the Intestine
- GI221-ED-X** Perivascular Epithelioid Cell Tumors (PEComas) of the Abdomen: Imaging Features and Clinicopathologic Correlates
- GI222-ED-X** Radiology After Hours: CT Diagnosis of Acute Colonic Pathologies
- GI223-ED-X** A Practical Guide of Locoregional Treatment for Patients with Hepatocellular Carcinoma
- GI224-ED-X** In Another Vein: Imaging of Abdominopelvic Venous Vascular Invasion Beyond HCC and RCC
- GI225-ED-X** Pancreatic Ductal Adenocarcinoma and Its Variants: Pearls and Perils from the Radiologic Pathology Archives
- GI226-ED-X** Artificial Intelligence (AI) for CT Colonography: The New Horizons of Colorectal Screening
- GI227-ED-X** How to Predict the Intra-Abdominal Adhesion by CT Colonography
- GI228-ED-X** Ano-Rectal Tumors: Radiologist to the Rescue
- GI229-ED-X** Vascular Complications of Pancreatitis: The Common, the Obscure, and the Deadly
- GI230-ED-X** Small in Stature But Big In Show: Imaging Appearances of the Most Commonly Encountered Gallbladder Conditions
- GI231-ED-X** Track the Vessel to Crack the Case: A Quiz-based Review of Challenging Vascular Diagnoses in the Abdomen and Pelvis for Trainees
- GI232-ED-X** Ins and Outs of Budd-Chiari Syndrome (BCS): A Pictorial Review of Vascular Derangements in BCS
- GI233-ED-X** A Trip Through the Intestine: A Review of Small Bowel Follow Through
- GI234-ED-X** Spectrum of Magnetic Resonance Imaging in Complicated Choledochal Cysts
- GI235-ED-X** An In-Depth Review of MRI Features of Treated Hepatocellular Carcinoma (HCC) Following Stereotactic Body Radiation Therapy (SBRT), Transarterial Chemoembolization (TACE), and Selective Internal Radiation Therapy (SIRT) with Yttrium-90
- GI236-ED-X** Low Energy Electromagnetic Fields with Amplitude Modulation: Systemic Antitumoral Effects in Advanced Hepatocellular Carcinoma (HCC)
- GI237-ED-X** Radiology After Hours: CT Diagnosis of Acute Small Bowel Pathologies
- GI238-ED-X** MR Images Findings of Anal Carcinoma
- GI239-ED-X** Imaging of Pancreatic Neuroendocrine Neoplasms: What Radiologists Should Know
- GI240-ED-X** A Hard-to-Swallow Tale: CT Imaging of Fish Bone Ingestion Complications
- GI241-ED-X** Current Concepts in Angiogenesis in Solid Tumors: Pathophysiology, Targeted Therapy, and Complications with Multi-Modality Imaging Patterns
- GI242-ED-X** Diseases of the Pancreas and the Biliary Tract: Close Locations and Similar Presentations
- GI243-ED-X** Many Faces of Lymphoma: Abdominal Manifestations of Extranodal Lymphoma
- GI244-ED-X** Role of MR Imaging in Accurate Diagnosis of Primary Peritoneal Serous Carcinoma
- GI245-ED-X** Catch the Move: Esophageal Disease in Barium Swallow
- GI246-ED-X** Challenges in Diagnosis and Management of Hemobilia
- GI247-ED-X** Not So Incidental: When Intra-Abdominal Malignancies Calcify
- GI248-ED-X** Hydrotomography for Local Assessment of Esophageal Cancer
- GI249-ED-X** Beyond Rectal Cancer: Spectrum of Imaging Features for Perirectal Tumors and Tumor-Like Masses with Pathologic Correlation
- GI250-ED-X** Rectal and Perirectal Conditions: To Rectal Adenocarcinoma... and Beyond!



- GI251-ED-X** MRI Enterography: Revisiting a Potential, Novel, Radiation Free Technique to Image Bowel Pathologies - Highlights and Tricks to Make the Technique Patient and Radiologist Friendly
- GI252-ED-X** Ultrasonographic Atlas of Splenic Lesions
- GI253-ED-X** Practical Approaches and Updated Topics in Gadoxetate-Enhanced MR Imaging of the Liver: What the Radiologists Should Know
- GI254-ED-X** Computed Tomography Opportunistic Use: What are We Missing?
- GI255-ED-X** Benign Esophageal and Gastric Tumors: The Role of the Radiologist
- GI256-ED-X** Clinical Application of Noninvasive Functional Imaging Using Non-Contrast Enhanced MR Imaging with a Spatially Selective Inversion Recovery Pulse
- GI257-ED-X** What Could Go Wrong? Pitfalls and Practical Tips in Assessing the Post-Operative Pancreas Transplant
- GI258-ED-X** Systemic Treatment Strategy in Management of Hepatocellular Carcinoma: Implications for Radiologist
- GI259-ED-X** Primary Retroperitoneal Masses with Radiologic-Pathologic Correlation: What Radiologists Should Know
- GI260-ED-X** Portal Vein Potpourri: From Thrombosis to Therapy
- GI261-ED-X** Gaining the Upper Hand on Upper Abdominal Imaging: Using Ultrasound to Assess the Gastrointestinal Tract for Causes of Abdominal Pain
- GI262-ED-X** Towards a More Cost-Effective Screening: Risk-Stratified Strategies for HCC Surveillance Using Liver MRI
- GI263-ED-X** Always Include Lymphoma in the Differential: Abdominopelvic Manifestations of the Great Imitator
- GI264-ED-X** When Unresectable Becomes Resectable: New Era in Pancreatic Carcinoma Treatment?
- GI265-ED-X** Autoimmune Pancreatitis: Review of Imaging Findings and Subtypes and Differentiation from Pancreatic Neoplasms
- GI266-ED-X** Videofluoroscopic Swallowing Studies: Radiologists' Tool to Fight Dysphagia
- GI267-ED-X** Following Laparoscopic Sleeve Gastrectomy: Radiological Evaluation, Normal Anatomy and Postoperative Complications
- GI268-ED-X** Pancreatic Zebras (A Collection): A Review of the Imaging Characteristics of Unusual Pancreatic Masses of Pancreatic and Extrapancreatic Origin with Radio-Pathological Correlation-When You Hear Hoofbeats, Think of Zebras Too!
- GI269-ED-X** AI for Electronic Cleansing in Non-Cathartic CT Colonography
- GI270-ED-X** New Techniques for Abbreviated Protocols and Improved Patient Comfort in Gastrointestinal MRI
- GI271-ED-X** Single and Double-Contrast Barium Enema in Modern Radiology: Do They Have a Role?
- GI287-ED-X** A Pictorial Roadmap of Abdominal Toxicity Induced by Classic Chemotherapeutic Agents and Targeted Therapies: A Challenge for the Oncologist Radiologist
- GI299-ED-X** Transient and Benign Findings in Postoperative Liver Transplant Ultrasound: What Every Radiologist Should Know
- GI315-ED-X** Radiation Dose Reduction in CT Colonography: Basic Concepts and Modern Technologies

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