

# DFP/ETC PRESENTS: ON-DEMAND WORKSHOPS

## CROSS SECTIONAL INTERVENTIONAL PEARLS

Speakers: *Olga Brook (moderator)*

Course Goals & Descriptions – Rapid-fire pearls from cross sectional interventionalists – how to get that impossible biopsy, needle section, how to manage complications, using adjunct techniques.

1. Ghaneh Fananapazir "Cross sectional interventions in the abdominal radiology practice - current status"
2. J. L. Hinshaw "Coagulation guidelines"
3. Daniel A. Adamo "Methods and techniques for image guided localization prior to surgery"
4. Virginia Planz "The Repeat Biopsy or Drain: Tips and Tricks for success"
5. Meghan G. Lubner "Targeting for precision medicine"
6. Benjamin Wildman-Tobriner "Contrast enhanced US for tough liver procedures"

## CT COLONOGRAPHY: WHAT YOU NEED TO KNOW

Speakers: *Judy Yee and Courtney Moreno*

### Workshop Goals:

This workshop will provide the latest techniques for CT Colonography including patient preparation, optimizing colonic distention and low dose CT protocol. There will be a brief discussion of the pearls and pitfalls of image review. Advantages of the use of CTC during the pandemic will be discussed as well as the status of current colorectal cancer screening guidelines.

## DUAL ENERGY CT CRACKS THE CASE: HIGHLIGHTS

Speakers: *Lakshmi Ananthkrishnan, Avinash Kambadakone and Roshan Modi*

### Workshop Goals:

Dual energy CT is increasingly used to improve the diagnostic capability of CT exams. Our presentation will review high-yield uses of dual-energy CT for the detection and characterization of abdominal disease, reduction of artifacts, and detection of otherwise invisible disease. Particular focus will be placed on the acute and oncologic setting.

## HOW TO MASTER BOSNIAK V2019 FOR CYSTIC RENAL MASSES

Speakers: *Matthew S Davenport and Stuart G Silverman*

### Workshop Goals:

- To understand why an update to the Bosniak classification was needed
- To master fundamental concepts of Bosniak v.2019
- To learn pitfalls in applying Bosniak v.2019
- To understand remaining gaps in knowledge and opportunities for improvement for Bosniak v.2019

## LI-RADS V2018: OVERVIEW AND PEARLS

Speakers: *Robert Marks and Joseph Yacoub*

### Workshop Goals:

A Review of the LI-RADS v2018 CT/MRI algorithm and ancillary features with practice cases and a literature review.

## MRI IN ANO-RECTAL CANCER: POINTERS AND RECOMMENDATIONS

Speakers: *Mukesh Harisinghani, Marc Gollub*

### Workshop Goals:

- Highlight key points in MR staging of ano-rectal cancer
- Using case examples elucidate key areas of confusion and provide clarification in MR staging of anorectal cancer

## PEARLS AND PITFALLS OF QUANTITATIVE MRI IN DIFFUSE LIVER DISEASE

Speakers: *Cara E. Morin, Suraj D. Seraiani and Kartik S. Jhaveri*

### Workshop Goals:

The need to detect, monitor and treat diffuse liver disease is becoming increasingly important to improve patient outcomes. Noninvasive MR imaging has been shown to be the most accurate modality to quantify liver fat, iron, and stiffness, which relates to liver fibrosis. This workshop will review practical quantitative MR techniques for diffuse liver disease, including reporting of results and common errors in MR image acquisition or interpretation.

## THE PROS AND CONS OF BIPARAMETRIC AND MULTIPARAMETRIC PROSTATE MRI

Speakers: *Leonardo Bittencourt and Refky Nicola*

### Workshop Goals:

To discuss various nuances of biparametric and multi-parametric prostate MRI. Dr. Nicola will be speaking in favor of mp MRI, and Dr. Bittencourt will be speaking in favor of bp MRI.



# ON-DEMAND DIDACTIC WORKSHOPS

These workshops by SAR experts will be pre-recorded and available 2 weeks prior to the meeting on the conference platform as well as after the meeting.

WORKSHOP 1	Contrast Reaction Pearls Precip: Prevention, Preparation, and Peri-Reaction Performance <i>Michelle D. Sakala &amp; Carolyn Wang</i>
WORKSHOP 2	Challenging Enhanced and Unenhanced Ultrasound Cases of the Abdomen <i>Ulrike M. Hamper &amp; Venkateswar Surabhi</i>
WORKSHOP 3	ACR Appropriateness Criteria: Why They Are Important and What is New <i>Mark Lockhart &amp; Erick M. Remer</i>
WORKSHOP 4	Check Your Blind Spot: Incidental Muscular Findings on Abdominal Imaging <i>Malak Itani &amp; Mariam Moshiri</i>
WORKSHOP 5	Pelvic Malignancy Nodal Staging <i>Bijan Bijan &amp; Sonia Lee</i>
WORKSHOP 6	In Retrospect: Reevaluating Challenging Cases from the Retroperitoneum <i>Mary J. Clingan &amp; Thomas L. Estes</i>
WORKSHOP 7	Rare and Unusual Cases in the Abdomen <i>Sajan Andrews &amp; Lori Watumull</i>
WORKSHOP 8	Imaging of Colorectal Liver Metastases: What the Clinician Wants to Know <i>Edwina Chang &amp; Helen Cheung</i>
WORKSHOP 9	Imaging of Vaginal Lesions - A Comprehensive Review for the Abdominal Radiologist <i>Cary Siegel &amp; Maria Zulfiqar</i>
WORKSHOP 10	The Twists and Turns in Abdominal Imaging <i>Satheesh Krishna &amp; Ciara O'Brien</i>
WORKSHOP 11	AI and Quantitative Imaging Labs <i>Priya Bhosale &amp; Linda C. Chu</i>
WORKSHOP 12	Problematic Small Renal Masses: Surveillance, Ablation or Surgery? <i>Anil Chauhan &amp; John P. McGahan</i>
WORKSHOP 13	3D Printing and the Hospital As a Manufacturer: Lessons Learned for Abdominal and Pelvic Applications, and Beyond <i>Sarah Bastawrous &amp; Beth Ripley</i>
WORKSHOP 14	Cancer Progression Mimics in the Chest <i>Kristen Bird &amp; Emily B. Tsai</i>
WORKSHOP 15	Diabetes-Related Complications in the Abdomen and Pelvis: Spectrum of Imaging Findings <i>Ayman H. Gaballah &amp; Mariam Moshiri</i>
WORKSHOP 16	From Diagnosis to Treatment: Oncologic Interventions in Renal Cell Carcinoma (RCC) <i>Edwina Chang &amp; Luyao Shen</i>
WORKSHOP 17	Imaging Characteristics of HCC Nidus: Retrospective Review of Contrast Enhanced CT and MRI <i>Beatrice Madrazo &amp; Emmanuel Thomas</i>
WORKSHOP 18	Imaging of Endometriosis <i>Balasubramanya Rangaswamy</i>
WORKSHOP 19	Is There a Need For AI in Prostate MR Imaging? <i>Jurgen Futterer &amp; Derya Yakar</i>
WORKSHOP 20	Medical Student Research Is Now Essential to Become a Radiology Resident: Our Methods and Tips <i>Richard B. Towbin &amp; Eric vanSonnenberg</i>
WORKSHOP 21	MRI Evaluation of Appendicitis <i>Larry A. Kramer</i>
WORKSHOP 22	Ovarian Torsion Revisited - Pearls, Pitfalls and Atypical Imaging Presentations <i>Amita Kamath &amp; Sherelle Laifer-Narin</i>
WORKSHOP 23	Pancreatic Cysts: Review of Pathology and Guidelines <i>Christopher Fung &amp; Ranjit Singh</i>
WORKSHOP 24	Strategies to Reduce the Use of Gadolinium Contrast for Abdominal MRI <i>Mark A. Anderson &amp; Michael Gee</i>
WORKSHOP 25	The Art & Zen of Challenging Imaging Guided Biopsies <i>Paul Hill, Matthew A. Morgan &amp; Joanie Garratt</i>
WORKSHOP 26	Understanding and Analyzing Convolutional Neural Networks for Radiologists <i>Alex Chan &amp; Derek Sun</i>



# ON-DEMAND PRESENTATIONS WITH LIVE EXPERT PANEL DISCUSSIONS

**NEW!**

## LIVE EXPERT PANEL DISCUSSIONS!

This exciting format brings together live experts during the live-stream annual meeting to discuss the selection of related workshops listed here under each topic. These On-Demand workshops associated with each Expert Panel will be available two weeks prior to the conference platform so participants may view them and post questions to the panel in advance. All sessions will be available post meeting as well so you won't have to miss a thing.

### ANORECTAL

MR Imaging of Anal Cancer: Primary Staging *Jennifer Golia Pernicka and Gaiane Rauch*

Pearls and Pitfalls in Rectal Cancer MR Imaging *Viktoriya Paroder and Harmeet Kaur*

Quality Improvement and Troubleshooting in Rectal MRI - How We Do It *Randy Ernst and Ken-Pin Hwang*

Rectal Cancer: Navigating the Colo-rectal Tumor Board *Zahra Kassam and Sandy Lall*

**Anorectal Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### BILIARY

Imaging Biliary Malignancies *Saugata Sen and Akshay Baheti*

Imaging of Cholangiocarcinoma: Pearls, Mimics, and Pitfalls *Christopher Song and Grace Lo*

Imaging of the Biliary Tree- Pearls, Pitfalls and Challenges *Michael Ohliger and Farnoosh Sokhandon*

**Biliary Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### BLADDER CA

Imaging Findings After Local Therapy for Bladder Cancer and Imaging of Immune Checkpoint Inhibitors *Katherine Krajewski and Weining Ma*

Lessons Learned From Bladder Tumor Multidisciplinary Conference *Jean Lee and Manjiri Dighe*

Multi-Modality Review of Locoregional Staging of Bladder Cancer *Naiim Ali and Ashkan Malayeri*

**Bladder CA Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### BOWEL - TOUGH CASES

Bowel Imaging: Top 10 Pitfalls *Benjamin Yeh and Zhen Wang*

Challenging Endoluminal Cases *C. Dan Johnson and Kristina Flicek*

Hiding in Plain Sight: Challenging Small Bowel and Mesentery Cases *Benjamin Wildman-Tobriner and Brian Allen*

Imaging of Small Bowel Obstruction and Inflammation *Namita Gandhi and Ellen Wolf*

**Bowel - Tough Cases Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### CIRRHOSIS

Advanced MR Elastography of Liver Disease *Richard Ehman and Sudhakar Venkatesh*

Non Invasive Imaging Diagnosis of Portal Hypertension *Bachir Taouli and Paul Kennedy*

**Cirrhosis Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### COMMUNICATION

Talking to Patients: Creating Decision Aids, Leveraging Telehealth and the Art of Verbal Connection *Paul Hill and Joanie Garratt*

Thanks for the Feedback! *Victoria Chernyak and Kathryn Fowler*

**Communication Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

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### COVID

CT and MRI Operations in the COVID-19 Era: Strategies for System-Wide Safety and Efficiency *Benjamin Spilseth and Daniel Glazer*

The "C"s - Cardiac and COVID; What the Abdominal Radiologist Needs to Know *Kevin Kalisz and Yasmeen Tandon*

**COVID Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### CS INTERVENTIONAL 1

A New Era of Multimodality Fusion and Real-Time 3D CT Guided Interventional Planning *Abdullah Malkawi and Joseph Grajo*

An Update on 2019 SIR Guidelines on Periprocedural Testing and Anticoagulation *Samuel Galgano and Constantine Burgan*

Science and Sorcery for Tackling "Impossible" Biopsies and Drainages *Daniel Souza and Paul Shyn*

**CS Interventional 1 Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### CS INTERVENTIONAL 2

Ladies Only: Atypical Presentations of Pain and Women's Interventions *Olga Brook, Sameer Sandhu and Alex Chan*

**CS Interventional 2 Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### CTC

How to Benchmark Your Practice and Improve Reader Confidence in CTC *Abraham Dachman and Courtney Moreno*

**CTC Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### DIVERSITY

Disability as Diversity in Healthcare and Education: Strategies for Creative Inclusion *Milana Flusberg and Peter Poulos*

Diversity in Abdominal Radiology. Have We Made Progress? *Carla Harmath and Senta Berggruen*

**Diversity Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### EARLY CAREER

Finding Your Place and Increasing Your Impact as a Junior Radiologist: Lessons Learned From the SAR Early Career Committee *Eric Ehman and Jennifer Uyeda*

So You Have to Give a CME Talk *David J. DiSantis and Andres Ayoob*

**Communication Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### ENDOMETRIOSIS

Adenomyosis and Endometriosis in Pregnancy: Expecting the Unexpected *Kyle Jensen and Priyanka Jha*

Deep Infiltrative Endometriosis: Challenging Cases From the Multidisciplinary Endometriosis Board *Myra Feldman and Wendaline VanBuren*

Pelvic MRI for Endometriosis from Start to Finish: From Optimizing Protocols to Reporting *Angela Tong and Michelle Sakala*

**Endometriosis Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**



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### ER

Don't Drop the Ball: Follow Up of Important, Non-Urgent Findings on ER Exams *Rony Kampalath and Sonia Lee*

Imaging Biliary Emergencies in the ED: How Can We Do This Better in the 21st Century? *David Childs and Jao Ou*

**ER Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### GYN DEVELOPMENT/GENETIC

A Common Path: Imaging of Mullerian and Wolffian Duct Anomalies *Kristin Porter and Elainea Smith*

Cysts You Can Miss: Benign Cystic Lesions of the Pelvis *Julie Baumland Melvy Mathew*

Hereditary Gynecological Syndromes: 2021 Imaging Update *Krishna Shanbhogue and Srinivasa Prasad*

**GYN Development/Genetic Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### GYN EMERGENCIES

Down the Tubes: Imaging Fallopian Tubes, Ectopics and Molar Pregnancies *Hina Arif and Margarita Revzin*

Gynecologic Emergencies *Allie Metcalfe and Shweta Bhatt*

**GYN Emergencies Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### IBD IMAGING

Advanced Inflammatory Bowel Disease (IBD) Imaging *Chenchan Huang and Bari Dane*

Fluoroscopic Assessment of the Ileal Pouch *Justin Ream and Mark Baker*

Imaging of Crohn's Disease *Rupan Sanyal and John Thomas*

MRE Evaluation of Intestinal Inflammation: Qualitative and Quantitative Assessment *David Grand and Parakkal Deepak*

**IBD Imaging Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### LEADERSHIP

Lessons Learned From the New Section Chief *Elena Korngold and Manjil Chatterji*

Mentorship, Sponsorship and Coaching *Jamie Marko and Darcy Wolfman*

Succession Planning: Fundamental to Leading *Tracy Jaffe and Erik Paulson*

**Leadership Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### LIRADs

Added Value of Contrast Enhanced Ultrasound in the Diagnosis and Post Treatment Assessment of HCC *Eugene Huo*

Easy to Use or IS IT? LI-RADS Treatment Response Algorithm: Challenging Cases *Anuradha Shenoy-Bhangle and William Masch*

Liver MRI After Y90 Radioembolization: What You Should (And Should Not) See *J.D. LeGout and Andrew Bowman*

**LIRADs Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**



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### LIVER IMAGING - NON HCC

Focal Lesions in the Non-Cirrhotic Liver *Amirkasra Mojtahed and Mark Anderson*

Multimodality Imaging Review of Uncommon Diffuse Hepatobiliary Diseases *Tyler Fraum and Daniel Ludwig*

**Liver Imaging - Non HCC Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### MEN'S IMAGING

Evolving Role of MR Imaging in Penis and Scrotum *Satheesh Krishna and Krishna Shanbhogue*

Imaging Characteristics of Pathological Lesions of the Testicle, Epididymis and Surrounding Soft Tissues *Manohar Roda and Pardeep Mittal*

**Men's Imaging Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### MEN'S IMAGING - ER

Male Imaging; Pelvic Floor, Scrotal Emergencies *Sandeep Arora and Sameer Sandhu*

Penile Pathologies from the Emergency Room *Sherry Wang and Jonathan Revels*

Stay Out of Court! Tricky Testicular Doppler Cases *Deborah Rubens and Akshya Gupta*

**Men's Imaging - ER Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### MRI

Best of the Worst: Lessons Learned from Abdominal MRI QA Cases *Karen Lee and Leo Tsai*

MR in the ER *Jay Karajgikar and Roshan Modi*

Whole Body Diffusion MRI - What's in Store for this Decade? *Rebecca Rakow-Penner and Michael Hahn*

**MRI Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### MRI - PHYSICS AND SAFETY

MRI Safety: Basics as Well as Updates From the Revised ACR Manual on MRI Safety *Ryan Ash and Shaun Best*

Practical MRI Physics for Abdominal Radiologists *Michael Ohliger*

**MRI - Physics and Safety Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### MULTI-MODALITY RENAL - CLASSIFICATION

How to Use Bosniak Classification Version 2019 with Renal Mass Protocol MRI *Lauren Alexander and Kelly Cox*

Settle the Score: Review of Different Scoring Models for Reporting Renal Cell Carcinoma *Roosbeh Houshyar and Karen Tran-Harding*

**Multi-Modality Renal - Classification Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**



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### MULTI-MODALITY RENAL - IMAGING SOLUTIONS FOR CLINICAL NEEDS

Evaluation of Solid and Cystic Renal Masses: Imaging Pitfalls and Solutions *Satheesh Krishna and Nicola Schieda*

Renal Cell Carcinoma Revisited- What the Urologist and Genitourinary Oncologist Want to Know in the Era of Precision Medicine  
*Catherine Devine and Dhakshina Ganeshan*

**Multi-Modality Renal - Imaging Solutions for Clinical Needs Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### MULTI-MODALITY RENAL WITH US CONTRAST

Contrast Enhanced Ultrasound for Characterization of Indeterminate Renal Lesions and Its Utility in Renal Interventional Procedures  
*Nanda Thimmappa and Ambarish Bhat*

GU CEUS: Renal Masses and Beyond *David Fetzer and Richard Barr*

Highlights of Renal Mass Imaging: Optimization, Added Value/Limitations of Multi-Modality Assessment *Stefanie Weinstein and Ron Zagoria*

**Multi-Modality Renal with US Contrast Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### O-RADS

How to Implement O-RADS: US and MRI in Your Practice: Pearls and Pitfalls *Priyanka Jha and Elizabeth Sadowski*

Oh Boy: O Rads, and Imaging of Uterine and Cervical Cancer *Wui Chong and Balasubramanya Rangaswamy*

**O-RADS Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### OVARIAN CA

Cytoreductive Surgery in Ovarian Cancer – What the Radiologist Needs to Know *Dhakshina Ganeshan and Catherine Devine*

Don't Ovary Act: A Case-based Review of Benign and Malignant Ovarian Lesions *Shaun Wahab and Juliana Tobler*

**Ovarian CA Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### PACA

A Primer on Image-Guided Pancreatic Biopsies *Samuel Galgano and Virginia Planz*

Pancreatic Ductal Adenocarcinoma- Staging, Mimics, Recurrence and Unusual Presentations *Joy Liau and Spencer Behr*

State of the Art AI in the Pancreas *Linda Chu and Michael Rosenthal*

**PACA Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### PANCREAS - CHILDREN AND NET

New Frontiers in Imaging Including Radiomics Updates for Gastroenteropancreatic Neuroendocrine Neoplasms (GEP-NENs)  
*Ajaykumar Morani and Priya Bhosale*

Pancreatic Masses in Children and Young Adults *Sudha Anupindi and Jonathan Dillman*

**Pancreas - Children and NET Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**





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### PELVIC FLOOR

MR Defecography Tricks and Challenges and Imaging in Males *R. Patricia Castillo*

Multi-Modality Imaging Evaluation of the Pelvic Floor *Lucy Chow and Luyao Shen*

Pelvic Floor Imaging: From Concept to Practice- Experience from Two Large Academic Medical Centers *Zarine Shah and Samantha Barker*

Pelvic Floor MRI: Exploring the Cross Roads Between Anatomy and Function *Milana Flusberg and Roopa Ram*

**Pelvic Floor Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### PERIAMPULLARY

A Review of Duodenal and Periampullary Diseases *Eduardo Scortegagna and Victor Javier Casillas*

**Periampullary Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### PET-CT

It's Not a Tumor! Benign Mimickers of Malignancy in the Abdomen and Pelvis on PET/CT *Ryan Downey and Neil Hansen*

PET-CT: Challenging and Unusual Cases *Zofia Steere and Suzanne Mastin*

PET/CT for the GI/GU Tumor Board *Nadine Mallak and Janet Pollard*

**PET-CT Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### PLAIN FILM AND FLUORO

Abdomen Film and Fluoro Calls That You Still HAVE to Nail in 2021 *David DiSantis and Lindsay A. Duy*

Fluoroscopy Strikes Back: Evaluation of Fistulae and Sinus Tracts in the Abdomen & Pelvis. Tips, Tricks & Correlation with Cross-sectional Imaging Modalities *Zarine Shah and Leslie Partridge*

**Plain Film and Fluoro Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**

### PRACTICE PATTERNS

Compensation Models for Abdominal Radiologists: The Uniqueness You Need to Know *Pablo Ros and Matthew Barish*

The Art & Science of Building a New Clinical Practice: Focus on Prostate mpMRI and Dual Energy CT *Rajan Gupta and Daniele Marin*

Total Home-Based Abdominal Imaging Service: Challenges, Opportunities and Lessons Learned *Matthew Barish and Pablo Ros*

**Practice Patterns Expert Panel Discussion • Wednesday, March 24, 2021 • 9:00 AM - 9:35 AM**

### PREGNANCY AND POST-PARTUM

Fertility Sparing Options for Women with Early-Stage Cervical and Endometrial Cancers *Emily Aherne and Pamela Causa Andrieu*

Multidisciplinary Multimodality Imaging of Pregnancy Related Complications *Kristin Porter and Carolyn Dishuck*

Postpartum Uterus: Imaging Spectrum of Normal and Abnormal *Hailey Choi and Dorothy Shum*

**Pregnancy and Post-Partum Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**





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### PROSTATE CANCER - UNIQUE COHORTS

Imaging of High-Risk and Very High-Risk Prostate Cancer *Devaki Shilpa Surasi and Tharakeswara Bathala*

Oligometastatic Prostate Cancer: The Role of Imaging in Diagnosis, Biopsy and Therapy *Daniel Adamo and Eric Ehman*

**Prostate Cancer - Unique Cohorts Expert Panel Discussion • Wednesday, March 24, 2021 • 10:35 AM - 11:00 AM**

### PROSTATE CANCER IMAGING

Beyond PI-RADS v2.1: The Added Value of Prostate MRI Protocol Optimization *Anup Shetty and Maria Zulfiqar*

PI-RADS 2.1 Update: Challenging Cases and Fusion Biopsy Pitfalls *Kelly Cox and Sadhna Nandwana*

Beyond Diagnosis of Prostate Cancer: Perspectives on Advanced Prostate Cancer and Establishing a Prostate MR Quality Improvement Program *Varaha Tammiseti and Andrei Purysko*

**Prostate Cancer Imaging Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### RESPONSE RECIST

Developing and Maintaining an Imaging-Based Tumor Metrics Service for Oncology Patients *Ryan O'Malley and Erik Soloff*

Response Assessment in Solid Tumours of the Abdomen--Beyond RECIST *Saugata Sen and Akshay Baheti*

Treatment Response Assessment of Hepatocellular Carcinoma *Katrina McGinty and Lauren Burke*

Tumor Treatment Response - What an Abdominal Radiologist Should Know *Kanupriya Vijay and John Strang*

**Response RECIST Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### SPLEEN

Don't Ignore the Spleen: Current Concepts around Imaging and Biopsy *Richard Do and Meghan Lubner*

"What's That in the Spleen?" - A Review of Splenic Pathology *Omar Agosto and Sarah Fenerty*

**Spleen Expert Panel Discussion • Tuesday, March 23, 2021 • 1:35 PM - 2:00 PM**

### SWALLOWING AND ESOPHAGUS

The Pharyngoesophagram: A Traditional GI Imaging Examination Which Has Survived into the 21st Century! *Mary Turner and Neeraj Lalwani*

Waves and Fire - Non-Neoplastic Disease of the Esophagus *Matthew Morgan and Amr El Jack*

**Swallowing and Esophagus Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### TEACHING IN THE PANDEMIC

Resident Education in the Time of COVID *Vanessa Williams and Shaun Best*

Trainee Education in the COVID Era *Aoife Kilcoyne and Michael Gee*

**Teaching in the Pandemic Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**



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### TEACHING METHODS

Developing a Successful Abdominal Peer Learning Program *Karen Tran-Harding and Roozbeh Houshyar*

Establishing a Multimedia Body Imaging Resident Curriculum Across Multiple Sites, Modalities, and Training Levels *Ryan O'Malley and David Lerner*

Make a Game of It: Web-Based Engagement of Resident Learners *Lindsay Duy and Frederick Jones*

**Teaching Methods Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### TRANSPLANT

How to Save Grafts and Influence Surgeons: CEUS of Pancreas Transplants *Jordan Swensson and Ted Seltman*

Imaging Overview of Intestinal and Multivisceral Transplantation *Anil Dasyam and Amir Borhani*

Multimodality Imaging of Simultaneous Pancreas Kidney Transplant *Ashish Wasnik and Adrian Dawkins*

What's Mine is Yours: The Ins and Outs of Living Donor Liver Transplantation Imaging *Ashley Kalor and Amir Borhani*

**Transplant Expert Panel Discussion • Wednesday, March 24, 2021 • 11:20 AM - 12:00 PM**

### ULTRASOUND

"I'm Sorry That You Feel That Way." A Step-by-Step Approach to Ultrasound Evaluation of Palpable Lesions *Deborah Baumgarten and Madhura Desai*

Tips and Tricks for Optimizing Contrast Enhanced Ultrasound Studies and Avoiding Potential Pitfalls *Nanda Thimmappa and Michael Aro*

Ultrasound in Oncology: Pitfalls and Opportunities *Deborah Rubens and John Strang*

**Ultrasound Expert Panel Discussion • Wednesday, March 24, 2021 • 3:25 PM - 4:05 PM**

### UNDERSTANDING GI PROCEDURES

Acute Pancreatitis and Its Complications: New Treatment Options, What the Endoscopist Wants to Know and the Role of MRI *Fourie Bezuidenhout and Atif Zaheer*

Advanced Endoscopic Procedures: What the Radiologist Needs to Know *Andrea Kierans and Preethi Guniganti*

Advanced Endoscopic Ultrasound Interventions: Pearls and Pitfalls for the Radiologist *Alison Harris and Emily Pang*

Natural Orifice Transluminal Endoscopic Surgery (NOTES) – The Radiologist Perspective *Devaraju Kanmaniraja and Dheeraj Gopireddy*

**Understanding GI Procedures Expert Panel Discussion • Tuesday, March 23, 2021 • 10:35 AM - 11:00 AM**



## SA-CME I: GU REQUISITES AND UPDATES: ABOVE THE BLADDER

- Adrenal *Isaac Francis*
- Renal Cell Carcinoma *Darcy J. Wolfman*
- Urographic Imaging *Jeffrey Neitlich*
- Retroperitoneum *Silvia D. Chang*

## SA-CME II: EMERGENCY IMAGING

- Acute Cholecystitis and Acute Pancreatitis *Jorge Soto*
- CT of Appendicitis in Adults: Problematic Scans and Scenarios *Douglas S. Katz*
- Imaging of Gynecological Emergencies *Christine Menias*
- Urinary Tract Emergencies *Jennifer W. Uyeda*

## SA-CME III: INTERVENTION REQUISITES FOR THE ABDOMINAL RADIOLOGIST

- Patient Preparation and Evaluation *Anil N. Kurup*
- Adjuncts and Tips for Successful Image-guided Abdominal Biopsies *J. Louis Hinshaw*
- Image Guided Procedures: Impact of Precision Medicine *Meghan Lubner*
- Post Procedural Care and Complications *Kimberly Shampain*

## SA-CME IV: LI-RADS: PAST, PRESENT AND FUTURE

- LI-RADS Algorithm *Victoria Chernyak*
- LI-RADS Evolution *Robert Marks*
- LI-RADS: Vision and Future Direction *William Masch*
- Evidence to support LI-RADS *An Tang*

## SA-CME V: ADVANCES IN MOLECULAR IMAGING

- Technical Advances and Current Status of PET/MRI *Shetal Shah*
- Targeted Imaging of Neuroendocrine Tumors *Ajit H. Goenka*
- Advances in Imaging of Prostate Cancer *Thomas Hope*
- PET/MRI of Gynecologic Malignancies *Raj Mohan Paspulati*

- POSTER E1**  
Small Bowel Treatment Review of the Lifelong Journey Called Crohn's: What the Radiologist Needs to Know  
*Wyanne Law*
- POSTER E2**  
Don't Get It Twisted! Tips and Tricks for Challenging Small Bowel Cases  
*Sarah Rosen*
- POSTER E3**  
Prognostically Imaging Biomarkers in Rectal Cancer  
*Carolina Abud*
- POSTER E4**  
The Pediatric Constipation Situation  
*Charles Fry*
- POSTER E5**  
MR Enterography: Role in Crohn's Disease Management and Consensus Guidelines for Interpretation  
*Ravi Gottumukkala*
- POSTER E6**  
Unusual Manifestations of Extramedullary Plasmacytoma  
*Jeffrey Babcock*
- POSTER E7**  
Abdominal Manifestations of Phakomatoses  
*Taylor Pomeranz*
- POSTER E8**  
Multi-modality Imaging of the Human Papillomavirus: What the Abdominal Imager Needs to Know  
*Sarah Thomas*
- POSTER E9**  
In and Out of the Bag: A Pictorial Review of Gallbladder Cancer on MRI  
*J.D. LeGout*
- POSTER E10**  
Gone But Not Forgotten – Common and Peculiar Complications of Cholecystectomy and Cholecystostomy  
*Emily Brady*
- POSTER E11**  
Hepatic Epithelioid Hemangioendothelioma  
*Hena Joshi*
- POSTER E12**  
An Approach to Biliary Tumors with a Review of Updated AJCC Guidelines; What the Radiologist, Surgical, Medical, and Interventional Oncologists Should Know  
*Alper Duran*
- POSTER E13**  
Modern Radiologic Diagnosis and Management of Acute Cholecystitis – What's New in the Hot Gallbladder  
*Jessica Li*
- POSTER E14**  
Monday Night Quarterback: Review of Indeterminate Ultrasound Liver Lesions with Multimodal Follow-up  
*Justin Glavis-Bloom*
- POSTER E15**  
HCC Treatment Response "Out of the Box": Focus on Systemic Therapies, Rare Treatment Responses and Extra-Hepatic Findings  
*Tony Lin*
- POSTER E16**  
Multimodality Imaging of Hepatic Adenomas  
*Justin Tse*
- POSTER E17**  
Vascular Complications of Liver and Kidney Transplants – An Update for Young Radiologists  
*Michio Taya*
- POSTER E18**  
Sound the Call: Primer for Emergency Ultrasound  
*Justin Glavis-Bloom*
- POSTER E19**  
Updates in the Era of Neoadjuvant FOLFIRINOX and Gem-Abraxane for Pancreatic Adenocarcinoma  
*Vincenzo Wong*
- POSTER E20**  
Patterns of Recurrence in Pancreatic Cancer  
*Vincenzo Wong*
- POSTER E21**  
Untwisting the Confusion Between Organo-axial Volvulus and Rotation: What the Radiologist Needs to Know  
*Ujwal Chadha*
- POSTER E22**  
Beyond bariatric; Post-Operative Complications of Gastric Surgeries; A Pictorial Review  
*Islam Shawali*
- POSTER E23**  
Bariatric Procedures & Complications: Review and Case Series  
*Richard Montgomery*
- POSTER E24**  
"Unwrapping the Stomach on CT": A Case Based Review of Inflammatory Disorders and Their Neoplastic Mimics  
*Edward Lawrence*
- POSTER E25**  
Foreign Affairs: Imaging of Foreign Bodies Throughout the GI Tract  
*Devashri Patel*
- POSTER E26**  
From EDGE to TIF: A Pictorial Primer of Advanced Endoscopic Procedures  
*Helen Xu*
- POSTER E27**  
"Holey Moley" Abdominal Hollow Viscus Perforation: Causes and Pearls to Imaging Diagnosis  
*Sarah Oh*
- POSTER E28**  
What a Tangled Web We Weave: Review of Congenital and Iatrogenic Vascular Anomalies in the Abdomen and Pelvis  
*Justin Glavis-Bloom*
- POSTER E29**  
Multidisciplinary Approach to Management of Acute GI Bleed  
*Ahmed Sobieh*
- POSTER E30**  
Usual and Unusual Manifestations of Leiomyomas in the Abdomen and Pelvis  
*Hanisha Patel*
- POSTER E31**  
Strings & Things: Complications of IUDs  
*Nnamdi Udeh*
- POSTER E32**  
The Light at the End of the Tunnel: A Primer for Fallopian Tube Evaluation in Infertility Patients  
*Eric Swy*
- POSTER E33**  
Uterine Masses: Case-Based Review of Benign and Malignant Lesions  
*Krupa Patel-Lippmann*
- POSTER E34**  
O-RADS: Lexicon Terminology, Risk Stratification, and Management  
*Hagar Mahmoud*

## POSTER E35

Critical Role of Imaging in Uterine Incarceration  
*Morgan Prince*

## POSTER E36

Imaging Triage of the Acute Abdomen in Pregnancy  
*Samir Shinnawi*

## POSTER E37

Ovarian Non-Epithelial Tumors: 2021 Genetics and Imaging Update  
*Srinivasa Prasad*

## POSTER E38

Escape Womb: Imaging of Cesarean Section Complications  
*Heba Albasha*

## POSTER E39

Endometrial Cancer from Early Stage to Advanced Stage Disease:  
An Update for Radiologists  
*Cibele Luna*

## POSTER E40

Gynecological Wolffian Duct Rests and Cancers:  
Cross-Sectional Imaging Spectrum  
*Srinivasa Prasad*

## POSTER E41

Borderline Ovarian Tumor: Imaging Features and Treatment  
*Nayana Patel*

## POSTER E42

Piecing Together Abdominal PEComas  
*Adam Kinzel*

## POSTER E43

Who Are You Calling Fat? A Review of Fat Containing Lesions in the  
Abdomen and Pelvis  
*Anthony Larder*

## POSTER E44

Value of FDG-PET/CT Imaging in the Evaluation of Tumors of the Urinary  
Tract – Pearls and Pitfalls  
*Havisha Munjal*

## POSTER E45

A Hard Nut to Crack: Imaging Findings of Minimally Invasive Treatments  
of the Prostate  
*Justin Glavis-Bloom*

## POSTER E46

Let It Flow: BPH Treatments with MRI Correlation  
*Teresa Diaz*

## POSTER E47

Below the Belt: Ultrasound of Scrotal Trauma  
*Eileen Hu-Wang*

## POSTER E48

Beyond Peritoneal Reflections and Connections: A Pictorial Review of  
Inflammatory, Traumatic and Benign Neoplastic Peritoneal Pathology.  
*Emily Brady*

## POSTER E49

Mysteries of the Mesenteries  
*Nathaniel Linna*

## POSTER E50

No Bones About It: Musculoskeletal Findings on Routine Abdominopelvic  
Imaging Every Radiologist Should Know.  
*Ashley Hu*

## POSTER E51

The New Chicago Classification of Achalasia. What Is It and How Does It  
Correlate with the Barium Swallow?  
*Teal Clocksin*

## POSTER E52

Esophageal Diverticula on Fluoroscopic Exam: Pathophysiology,  
Clinical and Radiologic Features  
*Jihyun Kang*

## POSTER E53

Dots, Lines, Contours, and Ends: An Image-Based Review of  
Esophageal Pathology  
*Nandan Keshav*

## POSTER E54

Pushing the Limits: Ultrasound-Guided Biopsy of Challenging and  
Deep Abdominopelvic Targets  
*Edward Lawrence*

## POSTER E55

Investigation of a Fractional Order Calculus Diffusion Model to Predict  
the Aggressiveness of Prostate Cancer  
*Zhihua Li*

## POSTER E56

MRCP: Pearls, Pitfalls and Anatomic Variants  
*Daniel Oppenheimer*

## POSTER E57

Post-HIFU MRI Imaging of Prostate Cancer  
*Adam Averbuch*

## POSTER E58

Cul-De-Sac Ahead! Imaging of Posterior Compartment Endometriosis  
*Alejandro Garces*

## POSTER E59

Role of Dynamic Pelvic MR in the Evaluation of Selected Pathologies in  
the Anterior, Middle, and Posterior Pelvic Compartments in Women  
*Yu Hung*

## POSTER E60

PSMA PET Imaging of Initial Prostate Cancer  
*Vishnu Murthy*

## POSTER E61

90-Yttrium Trans-Arterial Radioembolization (TARE) of Liver Tumors:  
Multimodality Imaging Review  
*Soheil Kooraki*

## POSTER E62

Ultrasound of Renal Transplant Complications: What Every Radiologist  
Need to Know  
*R. Patricia Castillo*

## POSTER E63

Hepatocellular Carcinoma (HCC) in Evolution:  
Correlation with CEUS LI-RADS  
*Stephanie Nguyen*

## POSTER E64

Conquering O-RADS Ultrasound: Pearls and Pitfalls for Image Review  
and Case Management  
*Celia Tong*

## POSTER E65

How to IMAXimize: 3D Ultrasound for the Pelvis  
*Iris Chen*



- POSTER S1**  
Diagnostic Yield of CTA Based on Hemodynamic Instability and Recent Guideline Recommendations for the Use of CTA in Overt GI Bleeding  
*Annie Joseph*
- POSTER S2**  
Diagnostic Performance of an Algorithm Based on Clinical and Sonographic Parameters for the Diagnosis of Acute Cholecystitis  
*Andrew Sill*
- POSTER S3**  
Hepatocellular Adenoma: Radiology-Pathology Subtype Associations with Hepatobiliary Phase MRI  
*Alix Hopp*
- POSTER S4**  
Gadoxetate Abbreviated MRI for the Detection of HCC Recurrence Post Resection  
*Rayane Issa*
- POSTER S5**  
Pathological Correlation of LIRADS Categories; Assessment of Accuracy and Inter-Reader Agreeability  
*Syed Yasir Andrabi*
- POSTER S6**  
Analysis of Specialty Involvement in Image-Guided Liver and Kidney Tumor Ablations Among Medicare Beneficiaries  
*Ryan Di Geronimo*
- POSTER S7**  
Balancing Radiology Research Priority with Disease Impact in Abdominopelvic Malignancies: The State of Our Field  
*Reham Haroun*
- POSTER S8**  
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*Adam Awe*
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Pictorial Review of IVC Sarcoma from a Single Institution: 10 Year Experience  
*Marium Ahmed*
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*Ryan Chung*
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*Cory Robinson-Weiss*
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Growth Rate of Ovarian Serous Cystadenomas and Cystadenofibromas  
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MRI-based Radiomics Quantification for Characterization of Clear Cell Renal Cell Carcinoma  
*Christopher Kyriakos*
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*Alex Tannenbaum*
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Prostatectomy Patients with PIRADS 2 or 3 MRI Exams: What Did We Miss and What Can We Learn?  
*Danish Imtiaz*
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Incidence and Factors Influencing Detection of Clinically Significant Prostate Cancer in Biopsy-Naive Men with Positive Screening Bi-Parametric Prostate MRI  
*Karma Salem*
- POSTER S18**  
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*Sooyoung Martin*
- POSTER S19**  
Second-Opinion Reads in Prostate MRI: Added Value of Subspecialty Interpretation and Review at Multidisciplinary Rounds  
*Jessica Li*
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*Kirti Magudia*
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*Hannah Riskin-Jones*
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*Amar Gupta*
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*Ana Mitchell*
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*Peter Szpakowski*
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*Lauren Alexander*
- POSTER S26**  
Improvement in Abdominal CT Section Productivity and Well-Being by Implementation of CT Radiology Assistants  
*Ahmed Khalaf*
- POSTER S27**  
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*Noor Ali*
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*Samuel Koebe*
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*Yarab Al Bulushi*

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Radiographic Measurement of Ablative Margin as a Marker of Treatment Response After Locoregional Therapy for Hepatocellular Carcinoma in Patients Undergoing Liver Transplantation

*Nan Jiang*

**POSTER S32**

3TmpMRI: How to Increase the Prostate Cancer Detection Specificity of PI-RADSv2 Category 4 and 5 Lesions?

*Sohrab Afshari Mirak*

**POSTER S33**

A Clinikoradiological Model for Differentiation of Low and High Grade Prostate Cancer of PI-RADSv2 Category 4 & 5 Lesions on 3T Multiparametric MRI

*Justin Ching*

**POSTER S34**

MRI Radiomics Features of Mesorectal Fat Can Predict Prognosis in Patients With Locally Advanced Rectal Cancer

*Vetri Sudar Jayaprakasam*

**POSTER S35**

MR Characteristics of Mucinous Tubular and Spindle Cell Carcinoma (MTSCC) of the Kidney: Comparison with Clear Cell and Papillary Subtypes of Renal Cell Carcinoma

*Hiroaki Takahashi*

**POSTER S36**

Developing a Molecular Ground Truth for Prostate MRI with Hybrid DBSI/MALDI Imaging

*Joseph Ippolito*

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Hysterosalpingo-Contrast-Sonography (HyCoSy) Utilizing Microbubble Ultrasound Contrast to Evaluate Fallopian Tube Patency

*Shuchi Rodgers*

**POSTER S38**

The Role of Ultrasound Radiomics in Predicting RCC Subtypes, Fuhrman Grade, and T-Stage Using Gray-Scale Ultrasound Images

*Kerem Ozturk*

**POSTER S39**

Gray-Scale Ultrasound Textural Features of Primary Renal Tumor as Predictor of Survival in Patients with Renal Cell Carcinoma

*Kerem Ozturk*

