



REDISCOVERING RADIATION  
MEDICINE AND EXPLORING  
NEW INDICATIONS

# Scheduled Presentations



ASTRO ANNUAL MEETING | SEPTEMBER 27 - OCTOBER 1, 2025 | SAN FRANCISCO

**#ASTRO25**

NOTE: ALL TIMES IN PACIFIC TIME

## SATURDAY

**Workshop 02 - Moving Beyond the Basics: Implementation of a Radiopharmaceutical Therapy Program - Saturday, Sept 27 1:00 PM | Room 155/157**

**Jacqueline E. Zoberi, PhD - Moderator & Presenter** Standard Operating Procedures for Radiopharmaceutical Therapies  
**Hyun Kim, MD - Presenter** Clinical Pearls from an Academic RO:NM Partnership

**Workshop ARRO 03 - ASTRO-ARRO Medical Student Workshop - Saturday, Sept 27 12:00 PM | Room 154**

**Keenan Robbins, MBBS, MPHS - Panel Speaker** Shaping Your Path: Academic & Extracurricular Excellence in RadOnc

## SUNDAY

**PS 04 - Presidential Symposium: Session IV: Past, Present and Future of Stereotactic Arrhythmia Radiotherapy for Ventricular Tachycardia - Sunday, Sept 28 11:15 AM | San Francisco Ballroom**

**Clifford Robinson, MD, FASTRO - Speaker**  
Past, Present and Future of Cardiac Radiotherapy

**SS 02 - GI 1: The OPERATIC Side of Rectal Cancer - Organ Preservation, Evaluating Recurrences, and the Immune Checkpoints - Sunday, Sept 28 2:30 PM | Room 307/308**

**Hyun Kim, MD - Speaker** Evaluating Short Course Radiation and ctDNA for Organ Preservation: The Nonoperative Management and Early Response Assessment in Rectal Cancer (NOM-ERA) Trial Christopher Anker, Jeffrey Olsen MD, Christopher Hallemeier, **Matthew Silveira, MD**, Jesse Moore, Maura Barry, Zhaohui Jin, Kellie Mathis, Daniel Shonebarger, John Hamner, Antony Tin, Hannah Calkins, Yifei Xu, Esther Lu PhD, **Matthew Mutch MD**, Allen Mo MD, **David Denardo PhD**, Katrina Pedersen, **Steven Hunt, MD**

**Poonam Dalwadi, MD - Speaker** 110 - IMPARC: A Prospective Trial of Stereotactic Proton Reirradiation for Locoregionally Recurrent Rectal Cancer **Allen Mo MD**, Re-I Chin MD, **Casey Hatscher**, **Konstantina Stavroulaki**, **Patricia Mata**, Lauren Henke MD, Tianyu Zhao PhD, **Hyun Kim MD**, **Shahed Badiyan MD**

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# SUNDAY POSTER Q&A SESSIONS

## PQA 01 - PQA 01 Radiation and Cancer Physics, Sarcoma and Cutaneous Tumors - Sunday, Sept 28 2:30 - 4:00 PM | Hall F

### **William Hayes - Presenter**

2090 - A Clinical Evaluation of In-Room Surgical Computed Tomography System for Intensity Modulated Proton Therapy  
William Hayes, Matthew Schmidt PhD, Xiandong Zhao PhD, Xinyuan Chen PhD, Nels Knutson PhD, Stephanie Perkins MD, Yao Hao PhD

### **Dean Hobbis, PhD - Presenter**

2092 - Longitudinal Performance Assessment of an AI-Based Auto-Segmentation Tool Using Statistical Process Control  
Dean Hobbis PhD, Zhuo Chen, Michael Waters MD, PhD, Jon Hansen PhD, Nels Knutson PhD, Geoffrey Hugo PhD

### **Scott Hollingsworth, BS - Presenter**

2093 - AI-Empowered MR-Guided Radiotherapy on a Conventional LINAC  
Scott Hollingsworth BS, Younghun Yoon, Xinzhou Li PhD, Taeho Kim PhD

### **Scott Hollingsworth, BS - Presenter**

2125- Leading the Way: Integrating Personalized 3D Cine MR Imaging into Conventional Radiotherapy Planning  
Taeho Kim, PhD, Younghun Yoon, Shanti Marasini, Scott Hollingsworth, H. Michael Gach, PhD, Matthew Schmidt, PhD, Jeonghoon Park, Pamela Samson, MD

### **Hugh Lee, PhD - Presenter**

2137 - One-Shot Tuning-Based Patient-Specific Projection-to-Volume Translation Model for Real-Time 3D Imaging during Radiotherapy: A Feasibility Study  
Hugh Lee PhD, Euidam Kim, Yoonsun Chung

### **Silpa Raju-Salicki, MD - Presenter**

2205 - Direct-to-Unit Adaptive Single Fraction Partial Breast Irradiation Using CT-Guidance: An In-Silico Study  
Silpa Raju-Salicki MD, Robert Beckert RT, Eric Laugeman PhD, Imran Zoberi MD, Domenic Sievert MS

## PQA 02 - PQA 02 Physics Poster Q&A - Sunday, Sept 28 4:45 - 6:00 PM | Hall F

### **Kevin Chen, MD, MSCI - Presenter**

2336 - Can Simulation CTs be Used to Identify and Intervene on Incidental Coronary Artery Disease in Patients with Breast Cancer?  
Kevin Chen MD, Evan Mihalakakos, Carmen Bergom MD, PhD, Sean Brown, Douglas Caruthers PhD, Joshua Mitchell, Clifford Robinson MD, Maria Thomas MD, PhD, Jessica Tran, MSN, AGNP, Imran Zoberi MD, Joanna Yang MD

### **Scott Hollingsworth, BS - Presenter**

2430 - Advancing Adaptive Radiotherapy with High-Fidelity CBCT-Based In-Situ Dose Calculation  
Scott Hollingsworth BS, Shanti Marasini PhD, Eric Laugeman PhD, Taeho Kim PhD



## EDU 15 - ASTRO/ILROG Joint Session: The Comeback of RT - Radiation Therapy is Back in the Frontline of Managing Hodgkin and Indolent Lymphomas - Monday, Sept 29 8:00 AM | Room 152

**Joanna Yang, MD, MPH - Speaker**

Short and Long-term Toxicity Concerns from Common Chemotherapies used to Treat Lymphoma

## SS 25 - Nonmalignant 1: Advances in Radiotherapy for Nonmalignant Indications - Monday, Sept 29 3:00 PM | Room 310

**Shannon Jiang, MD, - Presenter**

247 - Stereotactic Arrhythmia Radiotherapy (STAR) vs. Repeat Catheter Ablation for High-Risk Refractory Ventricular Tachycardia: 3-Year Safety and Efficacy Outcomes **Shannon Jiang MD, Pamela Samson MD, Phillip Cuculich MD, Carlos Contreras, Kaitlin Moore, Mitchell Faddis, Timothy Smith, Marye Gleva, Daniel Cooper, Clifford Robinson MD**

**Annual Meeting Abstract Award in the Clinical Category!**

**BONUS - Dr. Jiang will be discussing this research at the Tuesday 8am Press Briefing!**

## MONDAY POSTER Q&A SESSIONS

### PQA 03 - Central Nervous System, Professional Development/Medical Ed Poster Q&A - Monday 8:00 AM - 9:00 AM | Hall F

**Joanna Yang, MD, MPH - Presenter**

2688 - Outcomes of Radiation Oncology Residents Participating in the American Board of Radiology Holman Pathway Program

**Stephanie Zhao, BS - Presenter**

2699 - Examining the Effects of Whole Brain Radiation Therapy and Stereotactic Radiosurgery on Brain Aging by Surface-Based Deep Learning **Stephanie Zhao BS, Jialin Yue, Zong Fan, Qian Zhang, Jayashree Rajamanickam, Vinai Gondi, Clifford Robinson MD, Tammie Benzinger MD, Hua Li PhD, Nikhil Rammohan MD**

### PQA 05 - Breast Cancer, International/Global Oncology Poster Q&A - Monday 3:00 PM - 4:00 PM | Hall F

**Silpa Raju-Salicki, MD - Presenter**

2987 - Hypofractionated Adjuvant Radiation for the Treatment of Inflammatory and Other T4 Breast Cancers **Silpa Raju Salicki MD, Shannon Jiang MD, Imran Zoberi MD, Carmen Bergom MD, PhD, Joanna Yang MD, Maria Thomas MD, PhD**



**Mentor Tip: Help promote trainees' presentations & posters by tweeting about them**

### PQA 06 - Radiation & Cancer Biology, Health Care Access, Engagement Poster Q&A - Monday 5:00 PM - 6:00 PM | Hall F

**Carmen Bergom, MD, PhD - Presenter**

3055 - The Inflammatory State of the Heart at the Time of Radiotherapy may Drive Cardiotoxic vs. Therapeutic Responses **Carmen Bergom MD PhD, Hamidreza Hajirezaei PhD, Lauren Pedersen, Zhen Guo, Alireza Sargazi, Aynaz Lotfinaghsh, Kollin Kolb, Angelena Manova, Seyon (Esther) Chung, Felicia Grogan, Amanda Klaas, Ali Javaheri MD**

**Abigail Kohut-Jackson, BS, MBS - Presenter**

3082 - Paid Sick Leave and Access to Care and Financial Hardship among Working Cancer Survivors **Abigail Kohut-Jackson, Fumiko Chino, MD, Zhiyuan Zheng, Xuesong Han, Kimberly Johnson, Robin Yabroff, Kenton Johnston, Justin Barnes MD**

**Vladislav Sviderskiy, MD, PhD - Presenter**

3139 - Transcriptomic Analysis of a Tumor Microarray of Breast Cancers with BRCA1 vs. BRCA2 Mutations **Vladislav Sviderskiy MD PhD, Isabelle Seppa, Jeremy Hoog, Sierra Wallace, Thomas Walsh, Cynthia Ma, Alessandro Vindigni**

**SS 37 - Head and Neck 4: Refining Radiation: What Clinical Trials Can Tell Us - Tuesday, Sept 30 12:45 PM | Room 314****Jennifer De Los Santos, MD, FASTRO - Moderator & Speaker****Workshop 04 - Grant Writing Workshop - Tuesday, Sept 30 2:30 PM | Room 153****Stephanie Markovina, MD, PhD - Speaker - Revision Process****Carmen Bergom, MD, PhD - Speaker - Breakout Sessions****LBA 01 - Late Breaking Abstracts - Tuesday, Sept 30 2:30 PM | Room 22/23**

Edwin Posadas, MD - Speaker - LBA 09 - A randomized phase 2 study of enhanced AR blockade with enzalutamide in high-risk patients with biochemical relapse undergoing salvage radiation: final results from RTOG 3506 (STEEL)

Edwin Posadas, MD, **Hiram Gay, MD**, S. Pugh, T. Morgan, Y. Xiao, J. Yu, **Jeff Michalski, MD**, M. Bouchard, R. Funk, D. Jurgens, A. Wong, X. Shen, L. Miyawaki, B. Thompson, S. Braun, T. Johnson, F. Fent, P. Nguyen**TUESDAY SEPTEMBER 30 POSTER Q&A SESSIONS****PQA 07 - Genitourinary Cancer, Patient Safety, Nursing/Supportive Care Poster Q&A - 12:45 – 2:00 PM | Hall F****Weiren Liu, MD, MS - Presenter** - 3278 - CT-Guided Adaptive SBRT with Simultaneous Integrated Boost for Prostate and Pelvic Nodes in High-Risk and Unfavorable Intermediate-Risk Prostate Cancer: Interim Analysis**Weiren Liu MD, Daniel Hong, MD, Mustafaa Mahmood, MD, Vladislav Sviderskiy, MD, PhD, Michael Waters, MD, Joshua Schiff, MD, Kendall Kiser, MD, Yi Huang, Brook Strickland, Timira Minor, Charlotte Philips, Emily Marshall, Lindsey Brunt, Lindsey Mayer, Collin Welch, Lauren Henke, MD, Eric Laugeman, Robbie Beckert, RT, BS, James Randall, MD, Jeff Michalski, MD, Brian Baumann, MD, Hiram Gay, MD, Amit Bhatt, MD****PQA 08 - Gastrointestinal Cancer, Nonmalignant Disease, Palliative Care Poster Q&A - 2:30 - 3:45 PM | Hall F****Alden D'Souza, MD, MPHS - Presenter** - 3416 - Impact of Preoperative Ablative Radiation after Induction Chemotherapy for Borderline Resectable Pancreatic Adenocarcinoma**Alden D'Souza MD, Omer Sager, Keenan Robbins, MBBS, MPHS, Bitu Kalaghchi, Allen Mo MD, Carl DeSelm MD, PhD, Michael Waters MD, PhD, Eric Laugeman PhD, Eric Morris PhD, Tong Zhu PhD, Xiaodong Zhao PhD, Patrick Grierson MD, David Denardo PhD, Roheena Panni, MD, Dominic Sanford, Kian-Huat Lim, Hyun Kim MD****Daniel Hong, MD - Presenter** - 3439 - Treatment Outcomes and Prognostic Factors in Young-Onset Rectal Cancer**Daniel Hong MD, Ahmed Eltahir, Oluseye Oluyale, Catherine Zivanov, Dominic Caputa, Nathan Kau, Bitu Kalaghchi, Allen Mo MD, Carl DeSelm MD, PhD, Michael Waters MD, PhD, Michael Iglesia, William C. Chapman, Jr. MD, Hyun Kim, MD****PQA 09 - Hematologic Malignancies, Health Services Research, Digital Health Innovation and Informatics Poster Q&A - 4:00 - 5:00 PM | Hall F****Robert Beckert, RT, BS - Presenter** -3585 - Online Adaptive Radiotherapy: Evaluating Adaptor Models  
**Robert Beckert RT, BS, Eric Laugeman PhD, Alex Price PhD, Eric Morris PhD****Shannon Jiang, MD - Presenter** - 3641 - Asymptomatic Bone Lesions in Multiple Myeloma: Risks of Progression to Skeletal-Related Events**Shannon Jiang MD, Zachary Crees, Ian English, Yi Huang, Jack Jennings MD, Mark Schroeder, Michael Slade, Keith Stockerl-Goldstein, Ravi Vij MD, Joanna Yang MD****Stephanie Zhao, BS - Presenter** -3761 - Leveraging a Large Language Model to Extract Structured Data Elements from Unstructured Radiology and Pathology Reports**Stephanie Zhao BS, David Davila-Garcia MA, Kendall J. Kiser MD, Adam Wilcox PhD FACMI**

# WEDNESDAY

**QP 23 - GI 5: Quick Pitch: ROTF LMAO with Pancreatic and Liver - Recurrences and Outcomes, Technological Feats, Latest Modalities, and Adapting Online - Wednesday, Oct 1 10:50 AM | Room 155/157**

**Michael Padgett, MD - Presenter - 1135** - Salvage Adaptive Radiation Therapy for Locoregional Recurrence of Pancreatic Adenocarcinoma

Michael Padgett MD, David Lakomy MD, Kylie Kang MD, Richard Tsai, MD, Patrick Grierson MD, Roheena Panni, MD, Bitu Kalaghchi, MD, Dominic Sanford, MD, Kian-Huat Lim, MD, David Denardo PhD, Michael Waters MD, PhD, Carl DeSelm MD, PhD, Allen Mo MD, Hyun Kim MD

**QP 28 - Radiation and Cancer Physics 14: Image-guided Planning, Novel Delivery Techniques and QA - Wednesday, Oct 1 12:00 PM | Room 160**

**Farnoush Forghani, PhD - Moderator**



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