ASTRO 2020 Participation

Presentations

Quick Pitch/QP 01
Digital Health Innovation/Informatics - Clinical Applications of Artificial Intelligence
Moderator: Sanjay Aneja, MD
October 24; 9:00 AM - Live

Quick Pitch/QP 03
Education & Professional Development
Moderator: Suzanne B. Evans, MD
October 24; 11:30 AM - Live

Cancer Breakthroughs/CB 01
Takeaways from the Major Oncology Meetings of 2020: Featuring AACR and RRS
Discussant: Ranjit S. Bindra, MD, PhD
October 24; 3:30 PM - Live

Education Session/EDU 06
High Yield Quality Assurance in Your Clinic: Keeping Clinic Safe for the Rest of Us
Chair: Suzanne B. Evans, MD
October 25; 8:45 AM - SimuLive

Quick Pitch/QP 07
HSR/Global Oncology 1 - Global Oncology and Health Disparities
Moderator: Henry Soo-Min Park, MD, MPH
October 25; 11:30 AM - Live

Education Session/EDU 07
Introduction to Big Data Analytics and Machine Learning
A Primer on Big Data Analytics
Chair/Presenter: Jun Deng, PhD
October 26; 12:00 AM – On Demand

International Session 05
The Applicability of Hypofractionation for Breast, Prostate and Head and Neck Cancers: A Case-Based, Resource-Stratified Panel Discussion
Comments & Discussion: Breast Cancer
Special Session 15
Gastrointestinal 01
Discussant: Kimberly L. Johung, MD
October 26; 12:30 AM – On Demand

Q&A 02/Q&A Follow-up
International Session 05
Presenter: Meena S. Moran, MD
October 26; 11:10 AM - Live

Panel 13
Expanding the Indications for Radiation Therapy
Functional Neurosurgery
Presenter: James B. Yu, MD, MHS
October 27; 12:20 AM – On Demand

Storytelling 05
Overcoming Barriers to Radiation Oncology Access in Low-Resource Environments
Moderator: Henry Soo-Min Park, MD, MPH
October 27; 3:00 PM - Live

Education Session/EDU 27
"Data Science for Dummies": A Step-By-Step Guide for Developing a Data Science Program
Data Science Checklist: Software and Hardware Needed for Data Science Projects
Chair/Presenter: Sanjay Aneja, MD
October 28; 12:00 AM – On Demand

Workshop 06
Beyond Oligometastasis — Establishing and Implementing Metastatic Disease Program as a Distinct Specialty in Radiation Oncology
Patient Quality of Life and Cost Effectiveness Considerations
Presenter: James B. Yu, MD, MHS
October 28; 11:15 AM - SimuLive

Education Session/EDU 04
Challenging Cases in Uterine Cancer
Inoperable Uterine Cancer
Presenter: Shari Damast, MD
October 28; 1:41 PM - Live
Posters

**Patient Reported Outcomes/QoL/Survivorship // Gynecological Cancer // Breast Cancer – Poster Q&A Session 1**
October 24; 2:15 PM - Live
*Evaluating Clinical Outcomes in 3D vs. 2D Vaginal Brachytherapy*
Authors: Megan Kassick, Shari Damast
Abstract: 3115

**SS-12 - Pediatrics 02 - Maximizing Cure and Minimizing Toxicity for Pediatric Cancer**
October 25; 12:10 AM – On Demand
*Patterns of Relapse from a Phase 3 Study of Response-Based Therapy for High-Risk Hodgkin Lymphoma (AHOD0831): A Report from the Children’s Oncology Group*
Authors: Kenneth B. Roberts
Abstract: 73

**Radiation and Cancer Physics – Poster Q&A Session 2**
October 25; 2:15 PM - Live
*Correlating Features within the Dose-Volume-Histogram upon Tumor Control Probability in Radiosurgery Planning*
Authors: Christopher J. Tien, and Zhe Chen
Abstract: 2594
*Strategies to Expand Viable Treatment Area in Tungsten Shell Applicators for Surface Brachytherapy*
Abstract: 2764
Authors: Emily Draeger, Christopher J. Tien

**Health Services Research/Global Oncology // Radiation and Cancer Biology – Poster Q&A Session 3**
October 25; 4:45 PM - Live
*The Impact of Missing/Incomplete Data in Real-World Data Studies*
Abstract: 2890
Authors: D. X. Yang, Sanjay Aneja
*Quantifying Treatment Selection Bias Effects on Survival in National Database Studies: Findings from Low-Risk Prostate Cancer Patients*
Abstract: 2897
Authors: Joseph A. Miccio
*Nanoparticle-Encapsulated NAMPT Inhibitors Administered via Convection Enhanced Delivery as a Novel Glioma Radiosensitization Strategy*
Abstract: 3316
Authors: Jason M. Beckta, Ranjit S. Bindra

**QP 10 - HSR/Global Oncology 2 - Costs and Decisions**
October 26; 9:00 AM - Live
*Drivers of Medicare Spending: A 15 Year Review of Radiation Oncology Charges Allowed by the Medicare Physician/Supplier Fee-for-Service Program Compared to Other Specialties*
Abstract: 1055
Author: Meriem Mokhtech, MD
**Palliative Care // Gastrointestinal Cancer – Poster Q&A Session 4**

October 26; 2:00 PM - Live

*The Modern Landscape of Gastrointestinal Clinical Trials and Predictors for Success*

Abstract: 3323
Authors: Gabrielle W. Peters, Kimberly L. Johung

**Association of Neoadjuvant Treatment Modality with Negative Margin and Pathologic Downstaging in Patients Undergoing Pancreatic Cancer Resection: A National Cancer Database Analysis**

Abstract: 3534
Authors: Joseph A. Miccio, Krishnan R. Jethwa

**Head and Neck Cancer // Central Nervous System Cancers – Poster Q&A Session 5**

October 26; 4:30 PM - Live

*Nationwide Patterns of Hemorrhagic Stroke among Patients Hospitalized with Brain Metastases: Influence of Primary Cancer Diagnosis and Anticoagulation*

Abstract: 3599
Authors: Victor Lee, Henry Soo-Min Park

**Outcomes of Stereotactic Radiosurgery and Immunotherapy in Renal Cell Carcinoma with Brain Metastases**

Abstract: 3709
Authors: Veronica L. Chiang

**Trends in Adjuvant Chemoradiation Usage for Patients with HPV+ Oropharyngeal Cancer and Pathologic Extranodal Extension**

Abstract: 3881
Authors: Yi An

**Emergency Department Presentations Resulting in Percutaneous Endoscopic Gastrostomy Tube Placement Among Head and Neck Cancer Patients**

Abstract: 3594
Authors: Wesley J. Talcott, Henry Soo-Min Park

**QP 17 - Digital Health Innovation/Informatics 02 - Clinical Applications of Artificial Intelligence Session 2**

October 27; 11:30 AM - Live

*Deep Learning Survival Analysis for Brain Metastases Treated with Stereotactic Radiosurgery*

Abstract: 1102
Authors: Enoch Chang, Sanjay Aneja

**A Multi-Institutional External Validation of a Deep-Learning Based Platform for Prediction of Outcomes following SBRT Treatment for Early-Stage Non-Small Cell Lung Cancer**

Abstract: 1103
Authors: Sanjay Aneja

**Hematologic Malignancies // Patient Safety // Pediatric Cancer // Lung Cancer/Thoracic Malignancies // Nursing and Supportive Care // Nonmalignant Disease – Poster Q&A Session 6**

October 27; 2:00 PM - Live

*Development and External Validation of a Nomogram to Predict Distant Metastases after Stereotactic Body Radiation Therapy in Early Stage Non-Small Cell Lung Cancer Patients*

Abstract: 2202
Authors: Sarah Gao,
Association Between Prophylactic Cranial Irradiation and Improved Overall Survival in Small Cell Lung Cancer
Abstract: 2235
Authors: D. X. Yang, James B. Yu

Post-Operative Radiation Therapy for Non-Small Cell Lung Cancer: A Comparison of Radiation Therapy Techniques
Abstract: 2288
Authors: Vikram Jairam, Roy H. Decker

Phase 3, Randomized, Placebo-Controlled Study of Stereotactic Body Radiotherapy (SBRT) With or Without Pembrolizumab in Patients With Inoperable Stage I/IIA Non–Small-Cell Lung Cancer (NSCLC): KEYNOTE-867
Abstract: 2301
Authors: Roy H. Decker

Clinical Outcomes and Safety Profile in the Treatment of Synchronous Non-Metastatic Lung Tumors with Stereotactic Body Radiotherapy
Abstract: 2357
Authors: Roy H. Decker

Stereotactic Radiosurgery for Pediatric Arteriovenous Malformations: A Case Series Reflecting One Institution’s Experience with Treatment
Abstract: 2544
Authors: Rachel Choi, James B. Yu

Sarcoma and Cutaneous Tumors // Education & Professional Development // Genitourinary Cancer // Digital Health Innovation and Informatics – Poster Q&A Session 7
October 28; 2:00 PM - Live
I Need A Sign: Modeling a Signaling Mechanism in the Radiation Oncology Residency Interview Application Process
Abstract: 2987
Authors: Wesley J. Talcott, Suzanne B. Evans

High Yield Physics Video Series (Hi-Phy) Pilot for Radiation Oncology Trainees
Abstract: 2998
Authors: Gabrielle W. Peters, Suzanne B. Evans