ASTRO Annual Meeting 2016

Chairs and Featured:

Suzanne Evans, MD, MPH, Chair, Patient Safety Scientific Track, Scientific Committee and Multidisciplinary Quality Assurance Subcommittee

Lynn Wilson, MD, MPH, Introductory remarks and appointment to Vice Chairman of the Education Council and Member of ASTRO Board of Directors

Meena Moran, MD, featured study: Radiation Boost for Ductal Carcinoma In Situ After Whole Breast Radiation Therapy (WBRT) Improves Local Control: Analysis from Ten Pooled Academic Institutions
Lecture: Resource Stratification for Clinical Guidelines in Breast Cancer
Panel: Breast Cancer Case Discussions

James Yu, MD, MHS: featured speaker at the Society of Radiation Oncology Administrators (SROA)
Satellite Meeting: Moderate and Extreme Hypofractionated Prostate Radiation: Clinical Evidence and Impact on Radiation Oncology Practice

David Carlson, PhD: Discussant, Physics - Outcome Analysis and Modeling; Red Journal Editorial Board; Science Council Meeting

Session Moderators:

Gynecology
Shari Damast, MD

The Role of Promoting Professionalism as Part of Safety Culture: Structuring an Effective Program
Suzanne Evans, MD, MPH

Partial Breast Radiation, Hypofractionation, or No Radiation for Early-Stage Breast Cancer: A Review of Risk-Adaptive Strategies
Suzanne Evans, MD, MPH

Scientific Session 48: Health services research: Cost and quality of cancer care
James Yu, MD, MHS
Scientific Session: What Is the Optimal Time Course For SBRT To Improve Outcomes: Reviewing the Evidence From Pre-Clinical, Clinical and Modeling?
David Carlson, PhD

Educational Session: Using Comparative Effectiveness to Demonstrate Value in Radiation Oncology
James Yu, MD, MHS

International Session V: Global Collaboration in Transitioning from 2D to 3D to IMRT; Adapting Clinical and Safety Guidelines for Breast and Cervix
Meena Moran, MD

Faculty Sessions:

Tools and Techniques of Quality and Safety - Part 1 and Part 2
Suzanne Evans, MD, MPH

Oral Presentations:

Mathematical Modeling, and FMISO PET Tracer (hypoxia) Kinetic Modeling After Hypofractionation
David Carlson, PhD

Physics –Discussant: Outcome Analysis and Modeling
David Carlson, PhD

Tracking Organ Doses for Patient Safety in Radiation Oncology
Jun Deng, PhD

Indications for Invasive Mediastinal Staging in Patient with Early Non-Small Cell Lung Cancer staged with PET-CT
Sarah Gao, Frank Detterbeck, MD, Daniel Boffa, MD, Anthony Kim, MD, Jonathan Puchalski, MD, Roy Decker, MD, PhD

RNF8 regulates Non-Homologous End Joining and DNA-PK Recruitment to DNA Double Strand Break Sites
Sarah Gao, Ranjit Bindra, MD, PhD

Effects of Adjuvant Therapy on Survival in T3N0 Non-small Cell Lung Cancer Invading the Chest Wall
Sarah Gao, Christopher Corso, MD, PhD, Frank Detterbeck, MD, Daniel Boffa, MD, Roy Decker, MD, PhD, Anthony Kim, MD

Deferring Radiotherapy for Brain Metastases in Patients with eGFR-mutant NSCLC: A multi-institutional analysis
William Magnuson, MD, Joseph Contessa, MD, PhD, Scott Gettinger, MD, Nataniel Lester-Coll, MD, James Yu, MD, MHS, Veronica Chiang, MD

The Effect of Marital Status on Health Related Quality of Life in Elderly Patients Undergoing Radiotherapy
Sanjay, Aneja, MD
Clinical Outcomes Modeling and Hypoxia Imaging for Stereotactic Radiotherapy
David Carlson, PhD

Addition of Chemotherapy to Adjuvant Radiotherapy is Associated with Improved Overall Survival in Adult Medulloblastoma
Benjamin Kann, MD

Assessing Potential Cardiovascular Risk against the Benefits of Hormonal Therapy in Men with Intermediate Risk Prostate Cancer
Nataniel Lester-Coll, MD

Mibefradil Dihydrochloride with Hypofractionated Radiation for Recurrent Glioblastoma: Preliminary Results of a Phase I Dose Expansion Trial
Nataniel Lester-Coll, MD

Comparing Overall Survival for Androgen Suppression and Low-dose Rate Brachytherapy Boost versus Androgen Suppression and External Beam Radiation
Skyler Johnson, MD

Poster Presentations:

Chemically Modified Gamma PNAs Targeting microRNA-210 as a Novel Anticancer Therapy With Specificity for Hypoxic Solid Tumors
Peter Glazer, MD, PhD

Clinical Significance of Different Contouring Software on Formalism-Based Y-90 Dose Prescriptions
Christopher Tien, PhD, DABR

Timing of Surgery After Neoadjuvant Chemoradiation in Clinical Stage IIIA Non-Small Cell Lung Cancer With Mediastinal Nodal Involvement
Sarah Gao

Radiation Oncology Drug Prescription Patterns in Medicare Part D
Sean Maroongroge, Kenneth Roberts, MD, James Yu, MD, MHS

A Comparison of Pharmacologic Pain and Psychiatric Management by Radiation Oncologists and Medical Oncologists in Medicare Part D.
Sean Maroongroge, Kenneth Roberts, MD, James Yu, MD, MHS

The Effect of Race and Decision Aids on Physician Recommendations for Prostate Cancer Treatment Planning.
Amandeep Mahal, James Yu, MD, MHS

Examining Trends in the CMS Medicare Provider Utilization and Payment Database for Radiation Oncologists.
Vikram Jairam, MD, Cary Gross, MD, James Yu, MD, MHS
Disparities in Access and Treatment of Patients with High-risk Prostate Cancer: Results from a Population-based Cohort
Elyn Wang, James Yu, MD, MHS

The Prognostic Importance of Pathologic Extracapsular Extension in Human Papillomavirus-Associated Oropharyngeal Squamous Cell Carcinoma
Yi An, MD

The Impact of Cobalt-60 Source Age on Biologically Effective Dose in Gamma Knife Thalamotomy
Benjamin Kann, MD

Facility Case Volume and Outcomes for Intensity-modulated Radiotherapy in Head and Neck Cancer
Henry Park, MD, MPH

Comparison of Upfront Surgery versus Chemoradiation for cT1-2 N1-2b Oropharynx SCC Based on HPV Status
Jacqueline Kelly, MD, MSc

Predictors of Nonadherence to National Comprehensive Cancer Network Management Guidelines for T1N0 Anal Cancer
Adam Kole, MD, PhD

Who Benefits from Chemoradiation in Locally Advanced Endometrial Cancer? An Analysis of the National Cancer Database
Nataniel Lester-Coll, MD

Small Vaginal Cylinder Size Predicts for Reduced Tolerance of Brachytherapy in endometrial cancer
John Stahl, MD

Convection Enhanced Delivery of Nanoparticle Encapsulated Radiosensitizers for Treatment of Malignant Glioma
Christopher Corso, MD, PhD

Radiation to Oligoprogressive Sites of Disease can Prolong the Duration of Response to Immune Checkpoint Inhibitors in Patients with Metastatic NSCLC
Trevor Bledsoe, MD

Impact of Concurrent ADT and RT versus RT alone on overall survival for men with Unfavorable Intermediate Risk Prostate Cancer
Skyler Johnson, MD

Patient Reported Quality of Life After Stereotactic Body Radiation Therapy vs. Moderate Hypofractionation for Clinically Localized Prostate Cancer
Skyler Johnson, MD

e-Posters:
Modern Radiotherapy for Left-Sided Breast Cancer: An Analysis of Mean Heart Dose within Diverse Practice Settings
Cary Gross, MD, Xin Hu, MPH, James Yu, MD, MHS, Henry Park, MD, MPH, Pamela Soulos, MPH, Suzanne Evans, MD, MPH

Discussant: Genitourinary Cancers: Big Data and Novel Therapies for Prostate and Bladder Cancers
James Yu, MD, MHS

The Effect of Gene Mutations on Survival in Patients with Melanoma Following the Development of Brain Metastases
James Yu, MD, MHS, Veronica Chiang, MD

GU-Discussant: Big Data and Novel Therapies for Prostate and Bladder Cancers
James Yu, MD, MHS

Health-Related Quality of Life in Elderly Breast Cancer Patients Undergoing Breast Reconstruction
Sanjay Aneja, MD

Adjuvant Radiotherapy Patterns and Survival Implications for Medulloblastoma in Young Children
Benjamin Kann, MD

Impact of Radiotherapy Facility Case Volume on Survival in Anal Cancer
Henry Park, MD, MPH

Stereotactic Body Radiation Therapy
John Stahl, MD