



AAMD 43rd Annual Meeting

June 17 - 21, 2018

Pre-conference Workshops: June 16

JW Marriott, Austin, TX

PROGRAM

Radiation Therapy Intelligent Simulation Design: Innovative Training Methodology to Increase Patient Safety

Robert D. Adams, EdD, MPH, FAAMD, FASRT, CMD
Assistant Professor
University of North Carolina

Optimizing “A” Values and Priorities for Efficient Head and Neck Treatment Plans

Jeffrey Antone, BS, CMD
Medical Dosimetrist
North Shore Long Island Jewish Medical Center/Northwell Health

Improving Radiation Therapy Safety and Quality Through Real-Time Surface Guided Radiation Therapy (SGRT)

Daniel Bailey, PhD, DABR
Medical Physicist
Northside Hospital Cancer Institute

Hypofractionated EBRT/SBRT for Prostate Cancer

Daniel Bourgeois, III, MD, MPH
Radiation Oncologist
Mary Bird Perkins Cancer Center

Regional Nodal Irradiation at OSU Stefanie Spielman Comprehensive Breast Center (SSCBC)

Lee Culp, MS, CMD, RT(T)
Medical Dosimetrist
Ohio State University Stefanie Spielman Comprehensive Breast Center
and
Erin Healy, MD
The Ohio State University Wexner Medical Center

Comparison of Dose Statistics for Bladder Wall and Rectum Wall vs. Whole Organs for Prostate Irradiation Using VMAT

Andree Desrochers, CMD, MRT(T), CTRT
Medical Dosimetrist
Alberta Health Services Cancer Care

Real-Time Treatment Planning for Whole Brain Irradiation

Romona Duncan, BS, CMD
Medical Dosimetrist
UT Southwestern Medical Center

MGH Multi-Criteria Optimization & Cost-Based Function Planning

Samantha Edgington, BS, CMD
Team Lead Photon Dosimetrist
Massachusetts General Hospital

Machine Learning in Dosimetry: Why We Shouldn't Fear A.I.

Mark Gooding, DPhil
Chief Scientist
Mirada Medical Ltd

An Overview of Comprehensive Breast Irradiation Planning Techniques in Radiotherapy with an Emphasis on New Trends in IMPT Proton Therapy

Kevin Greco, BS
Proton Dosimetrist
Miami Cancer Institute at Baptist Health South Florida

Stereotactic Body Radiation Therapy (SBRT) Treatments vs Carbon Ion Planning for Pancreatic Cancer

Hasti Hesami, BS
Medical Dosimetrist
University of Texas Southwestern
and
Mu-Han Lin, PhD
University of Texas Southwestern

Planning Approaches and Methods for the Treatment of Synchronous Multiple Primary Lung Cancer (SMPLC)

Yolanda King, BA, BS, RT(T), CMD
Sr. Medical Dosimetrist
Anne Arundel Medical Center

Radiotherapy Contouring in the Brain - A Focus on Barriers to Tumor Spread, Avoidance Structures and Future Directions

Timothy Kruser, MD
Assistant Professor, Department of Radiation Oncology
Northwestern Memorial Hospital

Contouring and Dosimetry for Improved Pediatric Neurocognitive Outcomes

Matthew Ladra, MD, MPH
Assistant Professor, Radiation Oncology and Molecular Radiation Sciences
Johns Hopkins School of Medicine

Volumetric Modulated Arc Therapy-Based Total Body Irradiation (VMAT-TBI): 3-Year Experience

Huichen Lee, MEd

Senior Medical Dosimetrist

University of Texas Southwestern Medical Center

and

Xuejun Gu, PhD

Associate Professor and Medical Physicist

Department of Radiation Oncology at University of Texas, Southwestern Medical Center

Life on the Road: Experiences in Locum Dosimetry

Mark Littell, CNMT, CMD

Medical Dosimetrist

Alaska Cancer Treatment Center

Dosimetric Planning Techniques for Bilateral Breast Cancer with Indications for Adjuvant Radiation Including the Internal Mammary Chains

Karen Long, CMD, MRT(T)

Senior Medical Dosimetrist

Tom Baker Cancer Centre

A New Approach to Helical Tomotherapy Treatment Planning using Multicriteria Optimization (MCO)

Gustavo A. Luciani, CMD, RT(T)

Supervisor, Medical Dosimetry Photons

Miami Cancer Institute

Staying on Script: Automating the Plan Check Process and Beyond

Grayden MacLennan, MBA, MSM, MS, CMD

Senior Dosimetrist - Proton

Miami Cancer Institute, Baptist Health South Florida

Four Field Prone Breast Radiation Technique for Regional Nodal Irradiation:

The Mayo Clinic Experience

Wilza Magalhaes, CMD

Chief Dosimetrist

Mayo Clinic - Jacksonville

Case Study: Dilemma-Pregnant Non-Compliant Pt with Sarcoma...HDR to the Rescue

Kimberley Marter, MS, CMD, RT(R)(T)

Senior Medical Dosimetrist

University of Maryland Medical Center

Keeping Dosimetrists Current, Engaged and Integrated in an Expanding Network

Mary McCauley, CMD, RT(R)(T)

Medical Dosimetrist

Allegheny Health Network

An Overview of Emerging Technologies in Radiation Oncology

Craig McKenzie, CMD

Director, Medical Dosimetry

Miami Cancer Institute

A Dosimetrist's Sarcoma Journey

Christopher J. Moore, BS, CMD
Chief - Medical Dosimetry
MD Anderson @ Cooper Cancer Center

Plan Study Lesson Learned: Breast with IM Fields

Brent D. Murphy, MS, DABR
President
Radiological Technologies University
and
James Wheeler, MD, PhD
Medical Director and Radiation Oncologist
Radiological Technologies University.
and
Bruce K. Phillips, CMD
Medical Dosimetrist
Radiological Technologies University

Strategies for Effective Physics Plan and Chart Review in Radiation Therapy: Report of AAPM Task Group 275

Brian Napolitano, MHL, CMD
Senior Manager, Dosimetry and Physics Administration
Massachusetts General Hospital

AAMD 2018 Contouring Workshop

Benjamin Nelms, PhD
President, Canis Lupus LLC
Co-Founder & Director, ProKnow Systems
and
Aaron Kusano, MD
Radiation Oncology Physician
Anchorage & Valley Radiation Therapy Center

Implementation of Pinnacle Auto-Planning for Genito-Urinary Tumours at Liverpool and Macarthur Cancer Therapy Centres

Cesar Ochoa, BAS
Section Manager - Radiation Therapist
Liverpool and Macarthur Cancer Therapy Centre

Proton Beam Radiotherapy for NSCLC

Ramesh Rengan, MD, PhD
Medical Director SCCA Proton Center
University of Washington Medical Center, Seattle Cancer Center Alliance Proton Therapy Center

Advances in Image-Guided Radiation Oncology: Changing the Way We Treat Cancer

Jared Rex Robbins, MD
Associate Professor
Medical College of Wisconsin

Fractionation, EQD2 and Re-Irradiation

Upendra Parvathaneni, MD
Radiation Oncologist
University of Washington Medical Center
and
Patricia Sponseller, MS, CMD, RT(R)(T)
Medical Dosimetrist
University of Washington Medical Center

Evaluation of Dynamic Conformal Arc Therapy for Lung and Liver Stereotactic Body Radiation Therapy

Sotiri Stathakis, PhD
Associate Professor
University of Texas Health Science Center at San Antonio

Cure or Curse? A Review of Long-Term Side Effects from Pelvic Radiation Therapy

Margaret Straub, MS, PAC
Physician Assistant
University of Wisconsin Health

Denial Management: A Dosimetrist's Role in a Successful Program

Tamara Syverson, BSRT(T)
Director of Client Services
Revenue Cycle Inc.
and
Adam Brown, BS, CMD, RT(T)
Consulting Manager
Revenue Cycle Inc.

Stereotactic Body Radiation Therapy (SBRT) - Then, Now and in the Future

Robert D. Timmerman, MD
Professor, Radiation Oncology, Neurological Surgery
The University of Texas Southwestern Medical Center

Commissioning and Planning of Intensity Modulated Neutron Therapy for the University of Washington Clinical Neutron Therapy System

Landon Wootton, PhD
Acting Instructor
University of Washington, Department of Radiation Oncology

Final program subject to change.