

2017 SPRING CLINICAL MEETING PROGRAM

New Orleans, Louisiana

SATURDAY, MARCH 18

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

PROFESSIONAL
Medical Physics Leadership:
Healthcare Finance;
Financial Fundamentals: Advocating for Your Needs;
M Howard, P Halvorsen
(Grand Ballroom A|B)

10:00 am - 10:30 am

Break in Exhibit Hall

10:30 am - 12:30 pm

YOUNG INVESTIGATOR CLINICAL SYMPOSIUM
(Grand Ballroom A|B)

12:30 pm - 2:00 pm

Lunch in Exhibit Hall

2:00 pm - 4:00 pm

THERAPY (SAM SESSION)
Building a New Radiation Therapy Clinic: Wait, Where Do I Start? -
Part I:
Shielding Trends in Radiation Therapy;
Commissioning a Linac Today
M Martin, G Sherouse

DIAGNOSTIC (SAM SESSION)
Protocol Review and Optimization:
Optimization of Pediatric DR;
MR Protocol Review;
CT Protocol Review – Validation and Verification
K Strauss, A Panda, D Gauntt

4:00 pm - 4:30 pm

Break in Exhibit Hall

4:30 pm - 5:30 pm

THERAPY (SAM SESSION)
Building a New Radiation Therapy Clinic: Wait, Where Do I Start? -
Part II:
How to Open a New Radiation Oncology Center
K Prado

DIAGNOSTIC (SAM SESSION)
Nuclear Medicine TG177 Update:
An Update on TG177
J Halama

6:00 pm - 7:30 pm

Welcome Reception | Presentation of Young Investigator Awards
(River/Port/Starboard Room)

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

THERAPY (SAM SESSION)
You Too Can Create Great Incident Reports!:
 An Overview of Incident Reporting;
 Essential Elements of Incident Narratives;
 Standardizing Incident Reporting in the VA Medical System
B Miller, B Thomadsen, J Palta

MAMMOGRAPHY (SAM SESSION)
Clinical Trends in Breast Imaging:
 From Detection to Prediction: Imaging Markers of Breast Cancer Risk;
 A Clinical Perspective on DBT-Guided Stereotactic Breast Biopsy
C Hruska, A Kerger

10:00 am - 10:30 am

Break in Exhibit Hall

10:30 am - 12:30 pm

PROFESSIONAL (SAM SESSION)
TG275 and Radiation Professional Workforces:
 Review of Current Trends in the Physics Chart Check Process;
 Results from the TG275 Survey of Practices;
 The Medical Physics Workforce: General Characteristics and Trends;
 The Path to Assessing Diagnostic Workforce
D Schofield, P Johnson, L Fong de los Santos, W Newhauser, D Gress

DIAGNOSTIC (SAM SESSION)
Exposure Indices and Target Values in Radiography: What are They and How Can You Use Them?:
 Definition and Validation of Exposure Indices;
 Clinical Utilization Strategies and Challenges;
 Rethinking Action Limits Based on Findings of TG 151 Multi-site Survey
I Reiser, A Walz-Flannigan, C Willis

12:30 pm - 2:00 pm

Lunch in Exhibit Hall

2:00 pm - 4:00 pm

THERAPY
Hands-On Workshop: Using Incidents to Improve Patient Care:
 Using Root Cause Analysis When Analyzing Incidents;
 Classification of Incidents;
 Developing a Corrective Action Plan
G Kim, J Johnson, L Schubert

PROFESSIONAL
ABR MOC Update / Networking:
 Changes in the ABR MOC Program;
 Professional Networking (and We Don't Mean Ethernet!)
G Frey, G Ibbott, M Meineke

4:00 pm - 4:30 pm

Break in Exhibit Hall

4:30 pm - 5:30 pm

THERAPY (SAM SESSION)
Buyer Beware: Quality Assurance of Outsourced Products:
 Quality Assurance of Outsourced Beam Modulators and Physics Work;
 Quality Assurance of Outsourced Brachytherapy Loading and Treatment Planning;
J Gibbons, R Kudchadker

MAMMOGRAPHY (SAM SESSION)
FFDM Accreditation:
 Everything You Need to Know About the New ACR FFDM Manual
D Pfeiffer

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

THERAPY (SAM SESSION)
Evolution of Treatment Plan Checks and Pre-treatment QA:
 Moving Beyond TG 275: Plan Checks In the Modern Age;
 TG 219: It's Use, Strengths and Weaknesses;
 TG 218: How to Handle Pretreatment QA
S Parker, S Stathakis, M Miften

MAMMOGRAPHY (SAM SESSION)
 (8:00 am - 9:00 am)
Breast Ultrasound:
 Automated Breast Ultrasound System (ABUS)
W Lee

MAMMOGRAPHY (SAM SESSION)
 (9:00 am - 10:00 am)
Breast and General US Accreditation:
 Setting Up a New US QC Program
D Hohreiter

10:00 am - 10:30 am

Break in Exhibit Hall

10:30 am - 12:30 pm

THERAPY (SAM SESSION)
Big Data: How Standardizing RT Nomenclature Can Be Your Friend:
 TG 263: The Benefits of Standardizing Radiation Therapy Nomenclature;
 A Physician's Perspective on Implementing Standard Nomenclature;
 Opportunities to Use Standard RT Nomenclature to Improve Care in the VA Health System
J Moran, C Fuller, J Palta

DIAGNOSTIC (SAM SESSION)
Current Issues in CT Imaging:
 Updates to the ACR CT Manual;
 Practical Dosimetry of Cone-beam Geometry CT Scanners;
 Dual-Energy CT: The Many Technologies and Implementations and What They Mean for Physicists
C Dillon, J Andersen, D Beaulieu

12:30 pm - 2:00 pm

Lunch on your own - Exhibit Hall closed 12:30 pm - 1:30 pm
 Visit the Vendors at 1:30 pm

2:00 pm - 4:00 pm

PROFESSIONAL
Regulatory Update:
 What Does the New Legislative Year Look Like?;
 Nuclear Medicine Inspections - What Problems Do We Find and Why?;
 NRC Re-Evaluation of Category 3 Source Security and Accountability;
 Are Radioactive Materials Secure?
M Reiter, J Elee, D White, R Martin
 (Grand Ballroom A|B)

4:00 pm - 4:30 pm

Break in Exhibit Hall

4:30 pm - 5:30 pm

THERAPY (SAM SESSION)
Radiobiology for Hypofractionation: Basics for Clinical Physicists:
 Hypofractionated Radiation Therapy: Can Clinical Data Further Improve the Therapeutic Ratio?;
 The Tolerance of the Nervous System to SBRT: Dogma, Data and Recommendations;
 Clinical Outcomes Modeling and Molecular Imaging for Hypofractionated Radiotherapy
E Yorke, P Medin, D Carlson

DIAGNOSTIC (SAM SESSION)
Dental Imaging: TG175 Report:
 TG175 Overview and Best Practices
A Kwan

TUESDAY, MARCH 21

GRAND BALLROOM A|B

GRAND BALLROOM C

THERAPY (SAM SESSION)

Emerging Technology: Real-time Monitoring of Treatment Delivery:

Real Time Patient Monitoring;

EPID Exit Dose QA

S Dieterich, A Olch

DIAGNOSTIC (SAM SESSION)

Current Topics in MR Imaging:

Imaging Implants;

Artifacts and Mitigation;

Myocardial Viability Imaging

J Och, N Yanasak, R Muthupillai

8:00 am - 10:00 am

10:00 am - 10:30 am

Break in Grand Ballroom Foyer

10:30 am - 12:30 pm

PROFESSIONAL (SAM SESSION)

Radiation Safety Officers Review:

Medical Radiation Safety Officers Review;

But I Already Have a Full-time Job! A Therapy Physicist As Radiation Safety Officer

S Marsh, D Pavord

(Grand Ballroom A|B)

CLOSE OF MEETING