Preliminary Agenda

Thursday, June 13, 2019

7:00 am – 5:30 pm

Registration

7:15 am – 7:00 pm

Commercial Exhibits

7:15 am – 7:55 am

Continental Breakfast

7:15 am – 7:45 am

ePoster Walk

7:55 am – 8:00 am

Welcome

8:00 am – 9:00 am
SA-CME

**Prostate Session I: Prostate Cancer: Advances in Diagnostics and Patient Selection**

**Moderators:**

Neil B. Desai, MD, MHS
University of Texas Southwestern

Patrick W. McLaughlin, MD
University of Michigan / Providence Cancer Center

**Speakers:**

**Genomic Classifiers:**
Robert B. Den, MD, MS
Thomas Jefferson University Hospital/Bodine Center for Cancer Treatment

**Targeted Biopsy/Fusion Biopsy:**
Daniel Costa, MD
UT Southwestern Medical Center

**Molecular Imaging:**
Ashesh Jani, MD, MSEE
Emory University

**Urology:**
Sanoj Punnen, MD
University of Miami, Miller School of Medicine

8:00 am – 9:00 am

**Scientific Session: GYN Proffered I**

**Moderators:**

Mohamed A. Elshaikh, MD
Henry Ford Hospital

Neil K. Taunk, MD, MS
University of Pennsylvania

9:00 am – 10:00 am

**Scientific Session: Prostate Proffered Papers I**

**Moderators:**

Bradley R. Prestidge, MD, MS, FABS
Bon Secours Oncology Specialists

Matthew M. Scala, MD
Kaiser Permanente

9:00 am – 10:00 am
SA-CME

**GYN Session I: The Hybrid Applicator – Why, How to Start and What to Expect**

**Moderator:**

Catheryn M. Yashar, MD, FACRO
University of California, San Diego

**Speakers:**

**Rationale for Use: What Does the Data Tell Us:**
Matthew M. Harkenrider, MD
Stritch School of Medicine, Loyola University Chicago

**Getting Started with Hybrid Applicators:**
Scott M. Glaser, MD
City of Hope Medical Center

**Practical Applications of the Venezia and Vienna Applicators:**
Sushil Beriwal, MD, MBA
UPMC Hillman Cancer Center

**Use of Combination Interstitial and Applicators in a High Volume Center:**
Daya N. Sharma, MD, DNB
All India Institute of Medical Sciences

10:00 am – 10:30 am

Refreshment Break

10:00 am – 10:30 am

ePoster Walk

10:30 am – 11:30 am
SA-CME

**Skin Session I: Clinical and Technical Aspects of Cutaneous Brachytherapy**

**Moderators:**

Anna Likhacheva, MD, MPH
Banner MD Anderson Cancer Center

Parag R. Sanghvi, MD, MSPH
University of California, San Diego

**Speakers:**

Thomas C. Harris, PhD
Brigham and Women’s Hospital

Alexandra J. Stewart, DM, MRCP, FRCR
St Luke's Cancer Centre, Royal Surrey County Hospital

10:30 am – 11:30 am
SA-CME

**Breast Session I: Partial Breast Irradiation 2019: Data, Guidelines, and Novel Approaches**

**Moderators:**

Chirag S. Shah, MD
Cleveland Clinic

**Speakers:**

**APBI Update:**
Frank A. Vicini, MD, FACR, FABS
21st Century Oncology

**Novel PBI Techniques:**
Jaroslaw T. Hepel, MD
Rhode Island Hospital/Brown University

**APBI Guidelines:**
Douglas W. Arthur, MD, FABS
Virginia Commonwealth University

11:30 am – 12:45 pm

Resident Luncheon (Residents Only)
Sponsored by: Theragenics     

12:45 pm – 1:45 pm

**Miscellaneous Session I: Building the Best Brachytherapy Practice**

**Moderators:**

Martin T. King, MD, PhD
Brigham and Women's Hospital

**Speakers:**

Tiffany Phillips, PhD
Cedars-Sinai Medical Center

Melinda Roach, RN, BSN
VCU Health System

Marianne Weiler, BS
Brigham and Women's Hospital/Dana Farber Cancer Institute

Lalaine B. Zaide, PA-C
UCLA

12:45 pm – 1:45 pm
SA-CME

**Physics Session I: Critical Review of Radiobiology**

**Moderators:**

Ivan Buzurovic, PhD
Dana Farber Brigham Women's Cancer Center

Firas Mourtada, PhD
Christiana Care Health System

**Speakers:**

**Overview of Brachytherapy Radiobiology and Prostate Radiobiology:**
Alvaro A. Martinez, MD, FACR, FABS
MHP Radiation Oncology Institute

**Gynecological Radiobiology:**
Dorin A. Todor, PhD
Virginia Commonwealth University Health System

**Applying Radiobiology to Brachytherapy Treatment Planning:**
Michael J. Zelefsky, MD
Memorial Sloan-Kettering Cancer Center

1:45 pm – 3:00 pm

**Physics Session II: A Critical Review of Technology – Improving Safety, Accuracy and Flexibility in Your Clinic**

**Moderators:**

Adam M. Cunha, PhD
UCSF Comprehensive Cancer Center

Christian V. Guthier, PhD
Brigham and Women's Hospital

**Speakers:**

**Electromagnetic Tracking Technology for Automated Catheter Digitization in HDR Prostate Brachytherapy:**
Luc Beaulieu, PhD
CHU De Québec – Ulaval

**Incident Learning Systems and Constructing Safety Barriers:**
Zoubir Ouhib, MS, DABR, FABS
Lynn Cancer Institute

**The Use of MRI in Brachytherapy:**
Mahta M. McKee, MS
Wake Forest University

**Multi-Criteria Optimization for Brachytherapy:**
Christopher L. Deufel, PhD
Mayo Clinic

**Transitioning Technology to a Vendor Product: Vendor Roundtable**

1:45 pm – 3:00 pm

**Miscellaneous II: Anesthesia and Pain Management in Brachytherapy**

**Moderator:**

Mitchell Kamrava, MD
Cedars-Sinai Medical Center

**Speakers:**

Sephalie Patel, MD
Moffitt Cancer Center

Nikhil G. Thaker, MD
Arizona Oncology

3:00 pm – 4:00 pm

**Scientific Session: Physics Proffered Papers**

**Moderators:**

Christopher L. Deufel, PhD
Mayo Clinic

Sujatha Pai, MS, DABMP
Landauer Medical Physics

3:00 pm – 4:00 pm
SA-CME

**Are You Up to Date With the NRC Requirements for Medical Event Reporting (10 CFR Part 35.3045)? Review and Test Cases**

**Moderator:**

Zoubir Ouhib, MS, DABR, FABS
Lynn Cancer Institute

**Speakers:**

Maryann O. Ayoade, MS
US Nuclear Regulatory Commission

Zoubir Ouhib, MS, DABR, FABS
Lynn Cancer Institute

4:00 pm – 4:15 pm

Refreshment Break

4:15pm – 5:15 pm

**Scientific Session: Physics Snap Orals**

**Moderators:**

Wayne M. Butler, PhD, FABS
Schiffler Cancer Center/Wheeling Hospital

Mark J. Rivard, PhD, FAAPM, FABS
Rhode Island Hospital / Brown University

4:15 pm – 6:15 pm

**Workshops**

**GYN Workshop I: Applicator Selection and Placement**
A practical hand on session involving demonstration applicators from the major manufacturers, including new hybrid style sets. Stations will include anatomic mannequin models for practical demos of technique, and faculty from the meeting for small group discussion of their practices.

**Fundamental Skills:**
Melissa M. Joyner, MD, MBA
MD Anderson Cancer center

Lisa Singer, MD, PhD
Dana-Farber Cancer Institute

**US for Tandem Placement (VR):**
Shari Damast, MD
Yale Cancer Center

**Use of Mannequins in Resident Education:**
Emma C. Fields, MD
Virginia Commonwealth University

**Applicator Selection and Placement**
Kristin A. Bradley, MD
University of Wisconsin, Madison

Christine M. Fisher, MD, MPH
University of Denver, Colorado

Lilie L. Lin, MD
MD Anderson Cancer Center

Pranshu Mohindra, MD, MBBS
University of Maryland School of Medicine

Neil K. Taunk, MD, MS
University of Pennsylvania

**Prostate Workshop I: Intraoperative Workflow: Varian Users**
A practical hand on session that will follow an intraoperative LDR procedure. We will indicate similarities and differences between LDR and HDR procedures as needed as they share an overall similar workflow (both LDR and HDR software packages will be available for practice). This will incorporate the Varian treatment planning system.

**Moderators:**

Gil'ad N. Cohen, MS
Memorial Sloan-Kettering Cancer Center

**Anatomic Considerations in Prostate Brachytherapy**
Patrick W. McLaughlin, MD
University of Michigan / Providence Cancer Center

**Circulators:**

Gil’ad N. Cohen, MS
Memorial Sloan-Kettering Cancer Center

Michael Folkert, MD, PhD
UT Southwestern

Robert F. Hobbs, PhD
John Hopkins University

Brian Hrycushko, PhD
UT Southwestern Medical Center

Patrick W. McLaughlin, MD
University of Michigan / Providence Cancer Center

Zoubir Ouhib, MS, DABR
Lynn Cancer Institute

Matthew M. Scala, MD
Kaiser Permanente

Daniel Y. Song, MD
Johns Hopkins University

Amandepp Taggar, MD, MS
Sunnybrook Odette Cancer Centre

**Skin Workshop I**
This workshop will provide a hands-on experience to participants regarding modality selection and implementation in cutaneous brachytherapy. We will provide stations on treatment planning for HDR brachytherapy, applicators for electronic brachytherapy as well as on custom mold making, 3D printing and the use of ultrasound.

**Electronic Brachytherapy**
Ajay Bhatnagar, MD, MBA

**Surface Mold HDR lr-192 Brachytherapy**
Philip M. Devlin, MD, FABS

**HDR lr-192 Brachytherapy**
Alexandra J. Stewart, DM, MRCP

**Interstitial Brachytherapy and Ultrasound**
Anna Likhacheva, MD, MPH
Parag R. Sanghvi, MD, MSPH

5:15 pm – 6:30 pm

**Scientific Session: Miscellaneous Proffered Papers**

**Moderators:**

Kunal Saigal, MD
Florida Hospital Cancer Institute

Puja Venkat, MD
UCLA

6:15 pm – 7:15 pm

Welcome Reception & Poster Review with Exhibits

6:15 pm – 7:15 pm

ePoster Walk

Friday, June 14, 2019

7:00 am – 5:45 pm

Registration

7:00 am – 8:00 am

Breakfast Symposium sponsored by Boston Scientific-SpaceOAR

7:15 am – 5:00 pm

Commercial Exhibits

7:15 am – 8:00 am

Continental Breakfast

7:15 am – 7:45 am

ePoster Walk

7:55 am – 8:00 am

Welcome to Day 2

8:00 am – 9:00 am
SA-CME

**Prostate Session II: Focal Therapy for Prostate Cancer: An Emerging Modality**

**Moderator:**

Daniel Y. Song, MD
Johns Hopkins University

**Speakers:**

**Focal therapy – Rationale, Current Methods and Experience:**
Daniel Y. Song, MD
Johns Hopkins University

**Experience and Viewpoints on Focal Brachytherapy: Panel Discussion**
Sushil Beriwal, MD, MBA
UPMC Hillman Cancer Center

Alejandro Berlin, MD, MSc
Princess Margaret Cancer Centre

Rod J. Ellis, MD
University Hospitals Seidman Cancer Center

Brian J. Moran, MD
Chicago Prostate Cancer Center

8:00 am – 9:00 am

**GYN Session II: Art of GYN Brachytherapy – Challenging Cases, Custom Implants, Tricks and Techniques**

**Moderators:**

Beth A. Erickson, MD, FACR, FABS
Medical College of Wisconsin

**Speakers:**

**Free Hand Needles:**
Christine M. Fisher, MD, MPH
University of Denver, Colorado

**Inoperable Uterine Custom Implants:**
Junzo P. Chino, MD
Duke University Medical Center

**Interstitial:**
Kristin A. Bradley, MD
University of Wisconsin, Madison

**Practical Tips for US Guidance:**
Joe Hsu, MD
UCSF Comprehensive Cancer Center

9:00 am – 10:00 am

**Socioeconomic Session I: The Shifting Landscape of Brachytherapy Reimbursement**

**Moderator:**

Nikhil G. Thaker, MD
Arizona Oncology

**Speakers:**

Anne Hubbard
ASTRO

Najeeb Mohideen, MD, FASTRO
Loyola University Medical Center

9:00 am – 10:00 am

**GYN Proffered Papers II**

**Moderators:**

David K. Gaffney, MD, PhD, FABS
University of Utah

Diandra N. Ayala-Peacock, MD
Vanderbilt University School of Medicine

10:00 am – 10:30 am

Coffee Break

10:00 am – 10:30 pm

ePoster Walk

10:30 am – 10:45 am

Fellow Induction

10:45 am – 11:15 am

Presidential Address

11:15 am – 12:15pm

Keynote Address

12:15 pm – 1:30 pm

ABS Members Lunch and Annual Business Meeting
Sponsored by Theragenics     
(Event for ABS members only)

1:30 pm – 2:30 pm

Plenary Session: Top Four Abstracts
Judith Stitt Awards, Sponsored by: Elekta     

2:30 pm – 3:00 pm

ABS Henschke Award
Sponsored by Best Medical International     

3:00 pm – 4:00 pm

**Preparation and Polish: Techniques for Brachytherapy Education and Training**

**Moderators:**

Emma C. Fields, MD
VCU Cancer Center

Steven J. Frank, MD
UT MD Anderson Cancer Center

**Speakers:**

**GYN:**

Shari Damast, MD
Yale School of Medicine

Lisa Singer, MD, PhD
Dana-Farber Cancer Institute

Neil K. Taunk, MD, MS
University of Pennsylvania

**Prostate:**
Michael Folkert, MD, PhD
UT Southwestern

Chad Tang, MD
MD Anderson Cancer Center

3:00 pm – 4:00 pm
SA-CME

**Physics Session III: How We Do It – A Spotlight on Brachytherapy Techniques**

**Moderators:**

Shirin A. Enger, PhD
McGill University

Daniel J. Scanderbeg, PhD
University of California, San Diego

**Speakers:**

**Making the Transition from CT to MRI or Ultrasound for Prostate HDR Brachytherapy:**
Deidre L. Batchelar, PhD, FCCPM
British Columbia Cancer Agency

Ananth Ravi, PhD, MCCPM
Sunnybrook Odette Cancer Centre

**Optimizing the MRI Workflow in Your Clinic:**
Dawn Owen, MD
University of Michigan Medical Center

Joann Prisciandaro, PhD
University of Michigan Medical Center

**Software for the Automation of Treatment Planning and Plan Checking:**
Gil’ad N. Cohen, MS
Memorial Sloan-Kettering Cancer Center

3:00 pm – 4:00 pm

**Integrating Social Media into Your Practice**

**Moderator:**

Miriam Knoll, MD
Hackensack UMC/Mountainside

**Speakers:**

Nadine Housri, MD
Yale University School of Medicine/MedNet

Chirag S. Shah, MD
Cleveland Clinic

4:00 pm – 4:15 pm

Refreshment Break

4:15 pm – 5:15 pm

**Breast Session II: Partial Breast Irradiation: Targets and Techniques**

**Moderator:**

Bethany Anderson, MD
University of Wisconsin

**Speakers:**

**Interstitial/Applicator Brachy:**
Bethany Anderson, MD
University of Wisconsin

**IMRT/3DCRT:**
Kathleen C. Horst, MD
Stanford University Medical Center

**IORT:**
Parul N. Barry, MD
Rush University Medical Center

**NIBB:**
Jaroslaw T. Hepel, MD
Rhode Island Hospital/Brown University

4:15 pm – 6:15 pm

**Workshops**

**GYN Workshop II: Contouring Treatment Planning**
A contouring session for gynecologic malignancies on MRI and CT, with attention to both OAR and target definitions. Participants will have the opportunity to contour in real time in treatment planning systems. Physicists will then demonstrate the planning processes for the same cases.

Kevin V. Albuquerque, MD
UT Southwestern

Junzo Chino, MD
Duke University Medical Center

Xun Jia, PhD
UT Southwestern

Sheridan Melstner, MD
Duke University Medical Center

**Prostate Workshop II: Intraoperative Workflow: Elekta Users**
A practical hand on session that will follow an intraoperative LDR procedure. We will indicate similarities and differences between LDR and HDR procedures as needed as they share an overall similar workflow (both LDR and HDR software packages will be available for practice). This will incorporate the Varian treatment planning system.

**Moderators:**

Gil'ad N. Cohen, MS
Memorial Sloan-Kettering Cancer Center

**Anatomic Considerations in Prostate Brachytherapy**
Patrick W. McLaughlin, MD
University of Michigan / Providence Cancer Center

**Circulators:**

Gil’ad N. Cohen, MS
Memorial Sloan-Kettering Cancer Center

Michael Folkert, MD, PhD
UT Southwestern

Robert F. Hobbs, PhD
John Hopkins University

Brian Hrycushko, PhD
UT Southwestern Medical Center

Patrick W. McLaughlin, MD
University of Michigan / Providence Cancer Center

Zoubir Ouhib, MS, DABR
Lynn Cancer Institute

Matthew M. Scala, MD
Kaiser Permanente

Daniel Y. Song, MD
Johns Hopkins University

Amandepp Taggar, MD, MS
Sunnybrook Odette Cancer Centre

5:15 pm – 6:15 pm

**Scientific Session: Miscellaneous Snap Orals**

**Moderators:**

Martin T. King, MD, PhD
Brigham and Women's Hospital

Amandepp Taggar, MD, MS
Sunnybrook Odette Cancer Centre

Saturday, June 15, 2019

7:00 am – 1:00 pm

Registration

7:00 am – 8:00 am

**Breast Symposium Breakfast: Breast Radiotherapy and Reconstruction: Challenging Cases**

**Moderator:**

Jessica Schuster, MD
University of Wisconsin

**Speakers:**

IORT:
Chirag S. Shah, MD
MD Cleveland Clinic

Biozorb:
Robert R. Kuske, Jr., MD, FABS
Arizona Center for Cancer Care

7:15 am – 11:00 am

Commercial Exhibits

7:15 am – 8:00 am

Continental Breakfast

7:15 am – 7:45 am

ePoster Walk (Exhibit Walk)

7:55 am – 8:00 am

Daily Recap

8:00 am – 9:00 am
SA-CME

**Miscellaneous Session III: Updates on Target Dose and Organ at Risk Constraints for Prostate, Gynecologic, and skin cancer**

**Moderator:**

Omar M. Ragab, MD
University of Southern California

**Speakers:**

**Skin:**
Christopher A. Barker, MD
Memorial Sloan Kettering Cancer Center

**GYN:**
Gita Suneja, MD, MSHP
Duke University

**Prostate:**
Hans Chung, MD, FRCPC
Sunnybrook Odette Cancer Center

8:00 am – 9:00 am
SA-CME

**Socioeconomic Session II: Understanding Brachytherapy Billing and Coding and 2019 Coding Updates**

**Moderator:**

Peter F. Orio, III, DO, MS
Dana-Farber Brigham and Women's Cancer Center

**Speakers:**

Peter F. Orio, III, DO, MS
Dana-Farber Brigham and Women's Cancer Center

Nikhil G. Thaker, MD
Arizona Oncology

Catheryn M. Yashar, MD, FACRO
University of California, San Diego

8:00 am – 9:00 am

**Scientific Session: Breast Snap Orals**

**Moderators:**

Peter Y. Chen, MD, FACR, FASTRO
Beaumont Health System

Noah Kalman, MD, MBA
Miami Cancer Institute at Baptist Health South Florida

9:00 am – 10:00 am

**Prostate Session III: Salvage Therapies in Prostate Cancer: Best Practices and Case Discussions**

**Moderator:**

Marissa A. Kollmeier, MD
Memorial Sloan-Kettering Cancer Center

**Speakers:**

**Salvage HDR:**
Hans Chung, MD, FRCPC
Sunnybrook Odette Cancer Center

**Salvage Therapy and Interventional Technologies:**
Julio M. Pow-Sang, MD
Moffitt Cancer Center

9:00 am – 10:00 am

**Scientific Session: Breast Proffered Papers**

**Moderators:**

Alfredo I. Urdaneto, MD
Virginia Commonwealth University

Jessica Wobb, MD
Kettering Health Network

10:00 am – 10:30 am

Refreshment Break

10:00 am – 10:30 am

ePoster Walk

10:30 am – 11:30 am

**Scientific Session: Prostate Proffered Papers II**

**Moderators:**

Matthew T. Studenski, PhD
University of Miami

Chad Tang, MD
MD Anderson Cancer Center

10:30 am – 11:30 am
SA-CME

**GYN Session III: Controversies in Uterine Cancer**

**Moderators:**

Pranshu Mohindra, MD, MBBS
University of Maryland School of Medicine

**Speakers:**

Bradley Corr
University of Colorado

Emma C. Fields, MD
VCU Cancer Center

Ann Klopp, MD, PhD
MD Anderson Cancer Center

11:30 am – 12:30 pm

**Scientific Session: Prostate Snap Orals**

**Moderators:**

Lara Hathout, MD, MD, FRCPC
Rutgers Cancer Institute Of NJ

Peter J. Rossi, MD
Calaway Young Cancer Center at Valley View Hospital

11:30 am – 12:30 pm

**Scientific Session: GYN Snap Orals**

**Moderators:**

Anjua Jhingran, MD
MD Anderson Cancer Center

Daphan Y. Spiegel, MD
Beth Israel Deaconess Medical Center

12:30 pm

2019 Annual Meeting Adjourns

This meeting has applied to CAMPEP for approval of 44 MPCEC hours.