2013 ANNUAL MEETING SCIENTIFIC PROGRAM COMMITTEE

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Head, Provincial Prostate Brachytherapy Program
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PAST PRESIDENTS

2012  Juanita M. Crook, MD, FRCPC
2011  Rakesh R. Patel, MD
2010  Eric M. Horwitz, MD
2009  Brian J. Davis, MD, PhD
2008  Gregory S. Merrick, MD
2007  W. Robert Lee, MD, MS, MEd
2006  Douglas W. Arthur, MD
2005  Frank A. Vicini, MD
2004  Michael J. Zelefsky, MD
2003  Beth A. Erickson, MD
2002  Colin Orton, PhD
2001  David Beyer, MD
2000  James Fontanesi, MD
1999  Subir Nag, MD
1998  Kent Wallner, MD
1997  Burton L. Speiser, MD
1996  Arthur T. Porter, MD
1995  John C. Blasko, MD
1994  Louis B. Harrison, MD
1993  Alvaro A. Martinez, MD
1992  Kenneth H. Luk, MD
1991  Peter A. Fleming, MD
1990  Dattatreyudu Nori, MD
1989  Thomas C. Gates, MD
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1987  Luis Delclos, MD
1986  Basil S. Hilaris, MD
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1982  Ajmel A. Puthawala, MD
1981  Paul Y. M. Chan, MD
1980  Aaron G. Fingerhut, MD
1979  David L. Neblett, MS
1978  Harvey S. Frey, MD, PhD
ACCREDITATION AND CREDIT STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of University Health Services Professional Education Programs (UHS-PEP) of Virginia Commonwealth University Health System and the American Brachytherapy Society. UHSPEP is accredited by the ACCME to provide continuing medical education for physicians.

UHS-PEP designates this live activity for a maximum of 19.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. This continuing education activity meets the criteria of Virginia Commonwealth University and the Southern Association of Colleges and Schools. 2.2 CEUs will be awarded and recorded with the University.

This program has applied to CAMPEP for the approval of this activity for 36 MPCEP hours. Application will also be made for MDCB credits for the ABS 2013 Annual Meeting.

CONFLICT OF INTEREST AND OFF-LABEL/DISCLOSURE STATEMENT

Presenters at this meeting will disclose any conflict of interest or their intention to discuss off-label use, if applicable, in accordance with ACCME Standards and FDA requirements. Conflicts will be disclosed in print in the final meeting materials.

MEETING MOBILE APP

The ABS has a mobile app for the Annual Meeting, sponsored by Nucletron, an Elekta Company. See your registration packet for more information.

Scan the QR code (left) for the meeting app!

OR VISIT:
http://www.swankmmm.com/AM_Brachytherapy_Society
Password: ABS13
LEARNING OBJECTIVES

2013 ANNUAL MEETING LEARNING OBJECTIVES:

At the conclusion of this educational activity, the participant should be able to:

- Describe recent advances in the management of gynecologic, prostate, and breast cancer with brachytherapy
- Review and be able to apply in your daily practice recent ABS breast, prostate and GYN brachytherapy guidelines
- Evaluate recent partial breast and breast brachytherapy clinical trials
- Discuss the controversies in management and optimal use of brachytherapy in intermediate risk prostate cancer
- Review advances in prostate cancer imaging and their appropriate clinical applications
- Understand the clinical implications and practical steps to management of rising PSA after prostate brachytherapy
- Understand the clinical application in various imaging in GYN brachytherapy
- Describe patients selection, planning and clinical outcomes for vaginal cancer treated with brachytherapy
- Discuss the controversies and appropriate clinical indications for intracavitary and interstitial GYN brachytherapy
- Discuss the controversies and appropriate clinical indications for SBRT vs. GYN brachytherapy
- Evaluate difficult cases in gynecologic, prostate, and breast cancers with audience participation
- Review the role, principles and techniques in penile cancer brachytherapy
- Be familiar with new advances in clinical brachytherapy including Image Guided Brachytherapy (IGBT)
- Understand and discuss integration of new brachytherapy technologies into the routine practice
- Understand and discuss brachytherapy dose calculations beyond the TG-43 Formalism
- Understand the issues and controversies with brachytherapy training requirements
- Review the principles and training strategies used for pilots including simulator program that has resulted in standardization of qualification process
- Discuss the strategies for effective training and mentoring process in individual brachytherapy practice
- Review collaboration with ACR
- Review reported NRC medical events for the last ten years

CONTOURING WORKSHOPS

- Review the normal anatomy relevant for breast GYN and prostate cancer
- Be able to accurately contour GTV, CTV and PTV for breast, GYN and prostate cancer brachytherapy planning
- Discuss, review and practice contouring challenging cases
- Expand awareness of pitfalls with various imaging modalities and develop practical approach to overcome imaging limitations
SPECIAL THANKS TO OUR 2013 ABS SPONSORS

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Dr. Vicini has been involved in numerous national clinical studies involving breast and prostate cancer and has designed and developed numerous phase I/II trials to evaluate low-dose rate and high-dose rate brachytherapy as the sole method of radiation therapy for selected patients with Stage I & II breast carcinoma as well as 3D conformal external beam RT APBI. He was the Principle Investigator for RTOG 0319 which was a phase II study exploring the use of 3D conformal external beam irradiation to the lumpectomy cavity alone for selected patients with early stage breast cancer. He is currently the Principal Investigator for the national NSABP B39/RTOG 0413 phase III study comparing partial breast irradiation (PBI) versus whole breast irradiation. He is also the PI for a second phase III trial from the NCI to investigate accelerated whole breast irradiation with a concurrent boost versus standard therapy for women with early stage breast cancer. His research continues to focus on improving therapeutic outcomes for all stages of breast cancer and to reduce treatment times and minimize damage to healthy tissue and vital organs. Innovations have included the development of breath hold techniques to reduce or minimize long-term cardiac toxicity in women treated with left-sided breast cancer and the use of IMRT to reduce acute radiation toxicities to the skin and late toxicities to prevent breast and arm edema, lung and heart related morbidity in women treated for breast cancer.

Dr. Vicini has authored over 200 articles on breast and prostate cancer which have been published in numerous different scientific, peer-reviewed journals and has presented his research at national and international meetings as well as a Visiting Professor in the United States and Europe. He has also authored multiple chapters in textbooks and is on the editorial board of several oncology journals including Cancer, the Journal of Clinical Oncology and the Journal of the National Cancer Institute. Dr. Vicini has also been a frequent author of notable Lymphedema publications. These have included a comprehensive, peer-reviewed publication that summarizes the key relevant supporting documentation on Breast Cancer Related Lymphedema, as well as a systematic review of his eight years of experience as the Medical Director for the Lymphedema Program at William Beaumont Hospital. Recently, at the 2012 Annual Breast Cancer Cooridnated Care Conference (BC3), sponsored by Georgetown University Hospital, Dr. Vicini presented critical new data on key clinical findings from a multi-site registry study for which he served as Principal Investigator, titled “Multi-Institutional Analysis of Bioimpedance Spectroscopy (BIS) in the Early Detection of Breast Cancer Related Lymphedema.”

Dr. Vicini’s previous positions have included:

- Chief of Oncology, Beaumont Hospitals
- Professor, Oakland University William Beaumont School of Medicine
- Director, Radiation Oncology Residency Program
- Director, Brachytherapy/hyperthermia Fellowship Program
- Director, Radiation Therapy School

His academic appointments have included:

- Clinical Instructor, Harvard Medical School
- Clinical Professor, University of Michigan Medical School and Professor at the Oakland University William Beaumont School of Medicine.

The Ulrich Henschke Award is the highest honor that the American Brachytherapy Society can bestow on a practitioner of brachytherapy, awarded for contributions to the field of brachytherapy, the radiation therapy community, and to the ABS. Dr. Henschke is considered the father of modern-day brachytherapy for his initial work in the 1950’s, including his technology advancements that are still in use today.

Dr. Frank A. Vicini, M.D. FACR, is the Chief Academic Officer for Michigan Healthcare Professionals and 21st Century Oncology as well as Professor of Radiation Oncology. He received his medical degree from Wayne State University School of Medicine and is board-certified in therapeutic radiology. He is a former breast cancer fellow at Harvard Medical School where he was also on staff before returning to Michigan in 1990. He has done extensive research primarily for targeting radiation with greater precision for women with early-stage breast cancer and on reducing short and long-term morbidities associated with these treatments.

Henschke Award Sponsored by
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SPEAKER READY ROOM

For uploading your presentations, the Imperial 2 Room on level 4 of the hotel will serve as the Speaker Ready Room. You must upload your presentation at least one hour prior to presenting.
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<td>Tina Dasgupta, MD, PhD</td>
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<td>Klaudia U. Hunter, MD</td>
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<td>Apama H. Kesarwala, MD, PhD</td>
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<td>Frances Lantin-Penano, MD</td>
<td>St Luke’s Medical Center</td>
<td>Manila, Philippines</td>
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<td>Christine Min, MD</td>
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ONCURA, A GE COMPANY, 2013 RESIDENT TRAVEL GRANT AWARD RECIPIENTS

**Shahed N. Badiyan, MD**  
Washington University | St. Louis, MO  
Incidences and Treatment of Toxicity Following I-125 Episcleral Plaque Brachytherapy for Uveal Melanoma

**Peyman Kabolizadeh, MD, PhD**  
University of Pittsburgh Medical Center | Pittsburgh, PA  
Feasibility of Diffusion Weighted Imaging In Assessing Tumor Response In Patients with Cervical Cancer Undergoing 3D MRI Guided High Dose-Rate Brachytherapy

**Rachit Kumar, MD**  
The Johns Hopkins University | Baltimore, MD  
Efficacy of Radioembolization Treatments with Yttrium-90 Microspheres for Liver Metastases

**Adam Liss, MD**  
University of Michigan | Ann Arbor, MI  
Variation In External Sphincter Extension within and Beyond the Prostate: Implications from MRI Based Post Implant Segmental Dosimetry

**Benjamin Maas, MD**  
British Columbia Cancer Agency  
Vancouver, BC, Canada  
Prostate Brachytherapy Toxicity and Dosimetry: Comparison of 20 Gauge ThinSeed[trade] (9011) VS. 18 GAUGE OncoSeed[trade] (6711)

**Sagar C. Patel, MD**  
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**Arshin Sheybani, MD**  
University of Iowa Hospitals and Clinics | Iowa City, IA  
Dose-Volume Effect of Bladder and Rectal Filling During Intracavitary High Dose Rate Brachytherapy

**William Y. Tong, MD**  
Memorial Sloan Kettering Cancer Center | New York, NY  
Validation of Real Time Intraoperative Ultrasound-Based Planning for Prostate Brachytherapy with Intraoperative CT-Based Dosimetric Assessment

**Yun Yang, PhD**  
Duke University Medical Center | Durham, NC  
Dosimetric Design of a Shielded D-Shaped Breast Brachytherapy Applicator

NUCLETRON, AN ELEKTA COMPANY, 2013 HDR BRACHYTHERAPY PHYSICIST SCHOLARSHIP RECIPIENTS

**Stephen Davis, PhD**  
McGill University Health Center  
Montreal, QC, Canada

**Justin Ducote, PhD**  
UC Irvine Medical Center  
Orange, CA

**Patrick Hill, PhD**  
University of Iowa  
Iowa City, IA

**Zhanna Lebedeva, MSc**  
Pavlov St Petersburg State Medical University  
Saint Petersburg, Russia

**Jaclyn Marcel, MS**  
Geisinger Medical Center  
Danville, PA

**Julie Raffi, PhD**  
Regions Hospital Radiation Therapy Center  
Saint Paul, MN

**Gurpreet K. Sandhu, PhD**  
Allan Blair Cancer Centre  
Regina, SK, Canada

**Paige Summers, MS**  
UT MD Anderson Cancer Center  
Houston, TX

**Fabiola Vallejo, PhD**  
CICL  
Laval, QC, Canada

**Christopher Veale, MS**  
Billings Clinic  
Danville, PA
AGENDA

WEDNESDAY, APRIL 17

10:00 am – 6:30 pm  Registration and Commercial Exhibit Set-Up  Celestin Foyer/ Storyville Hall

THURSDAY, APRIL 18

7:30 am – 7:00 pm  Commercial Exhibits (Including Welcome Reception)  Storyville Hall

7:00 am – 5:30 pm  Registration  Celestin Foyer

7:30 am – 8:00 am  Continental Breakfast  Storyville Hall

7:55 am – 8:00 am  Welcome  Celestin D

Mira Keyes, MD, FRCPC
2013 Annual Meeting Scientific Program Chair
BC Cancer Agency
Vancouver, BC, Canada
### 8:00 am – 9:00 am Updates in Breast Brachytherapy

**Moderators:**
- Peter Y. Chen, MD  
  William Beaumont Hospital  
  Bloomfield Hills, MI
- Atif J. Khan, MD  
  Cancer Institute of New Jersey  
  New Brunswick, NJ

**Panelists:**
- Douglas W. Arthur, MD  
  Virginia Commonwealth University  
  Richmond, VA
- Frank A. Vicini, MD, FACR  
  Michigan Healthcare Professionals  
  Farmington, MI
- Julia R. White, MD  
  The Ohio State University Cancer Center  
  Columbus, OH

### 8:00 am – 9:00 am Scientific Session: Prostate Proffered Papers

**Moderators:**
- Mark K. Buyyounouski, MD, MS  
  Fox Chase Cancer Center  
  Philadelphia, PA
- Brett W. Cox, MD  
  Long Island Jewish Medical Center  
  New Hyde Park, NY

### 9:00 am – 10:00 am Prostate Debate: Intermediate Risk Prostate Cancer

**Moderator:**
- Bradley R. Prestidge, MD, MS  
  Memorial Hermann Southwest Hospital  
  Houston, TX

**Panelists:**

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<tr>
<td>LDR:</td>
<td>Steven J. Frank, MD</td>
<td>UT MD Anderson Cancer Center</td>
<td>Houston, TX</td>
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<tr>
<td>HDR:</td>
<td>Mihai Ghilezan, MD, PhD</td>
<td>Michigan Healthcare Professionals</td>
<td>Farmington, MI</td>
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<tr>
<td>EBRT+-ADT:</td>
<td>Michael J. Zelefsky MD</td>
<td>Memorial Sloan-Kettering Cancer Center</td>
<td>New York, NY</td>
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9:00 am – 10:00 am | Scientific Session: Breast Brachytherapy Proffered Papers

**Moderators:**
- Sharad Goyal, MD  
Robert Wood Johnson Hospital  
New Brunswick, NJ

- Rakesh Patel, MD  
Valley Medical Oncology Consultants  
Pleasanton, CA

9:00 am – 10:00 am | Scientific Session: Miscellaneous Poster Discussion

**Moderators:**
- John K. Hayes, Jr., MD, MS  
Gamma West Cancer Services  
Salt Lake City, UT

- Joe Hsu, MD  
UCSF Comprehensive Cancer Center  
San Francisco, CA

10:00 am – 10:30 am | Refreshment Break  
*Storyville Hall*

10:30 am – 11:00 am | ABS Presidential Address *(No CME Credit Offered)*

**Bradley R. Prestidge, MD, MS**  
ABS President  
Memorial Hermann Southwest Hospital  
Houston, TX

11:00 am – 12:15 pm | Education and Mentoring

**Moderator:**
- Mira Keyes, MD, FRCPC  
BC Cancer Agency  
Vancouver, BC, Canada

**Panelists:**
- Steven J. Frank, MD  
UT MD Anderson Cancer Center  
Houston, TX

- Harlan G. Sparrow, III  
Manager of the National Simulator Program (NSP)  
Atlanta, GA
12:15 pm – 1:00 pm  **Box Lunch (For Attendees; in Exhibit Hall)**  
Sponsored by Hologic  
*HOLOGIC*

12:15 pm – 1:00 pm  **Resident Luncheon (Resident’s Only)**  
Co-sponsored by Biocompatibles, Inc. and Oncura, a GE Healthcare Company  
*Imperial 12*

1:00 pm – 2:00 pm  **Miscellaneous Panels I and II**  
*Celestin E*

**Panel I: Penile Cancer Brachytherapy**

Juanita M. Crook, MD, FRCPC  
Cancer Center for the Southern Interior  
Kelowna, BC, Canada

**Panel II: Image Guided Brachytherapy (IGBT) — An Evolving Paradigm**

D. Jeffrey Demanes, MD  
UCLA Radiation Oncology  
Los Angeles, CA

1:00 pm – 2:00 pm  **GYN Panel I: Imaging in GYN Brachytherapy**  
*Celestin D*

**Moderator:**

Sushil Beriwal, MD  
University of Pittsburgh  
Pittsburgh, PA

**Panelists:**

**2D vs. 3D:** David K. Gaffney, MD, PhD  
Huntsman Cancer Hospital  
Salt Lake City, UT

**MRI:** Anthony Fyles, MD, FRCPC  
Princess Margaret Hospital  
Toronto, Ont., Canada

**PET vs. MR:** Julie K. Schwarz, MD, PhD  
Washington University School of Medicine  
St. Louis, MO
2:00 pm – 3:00 pm  GYN Debate I: SBRT vs. Brachytherapy
Moderator:
Akila N. Viswanathan, MD, MPH
Dana-Farber Brigham and Women’s Cancer Care
Boston, MA
Panelists:
Charles A. Kunos, MD, PhD
Summa Cancer Institute
Akron, OH
Catheryn M. Yashar, MD
Moores UCSD Cancer Center
La Jolla, CA

2:00 pm – 3:00 pm  Scientific Session: Miscellaneous Proffered Papers
Moderators:
Robyn N. Banerjee, MD
UCLA
Los Angeles, CA
Mitchell Kamrava, MD
UCLA
Los Angeles, CA

3:00 pm – 3:30 pm  Refreshment Break
Storyville Hall

3:30 pm – 5:00 pm  Scientific Session: Physics Proffered Papers
Moderators:
Brigitte Reniers, PhD
Maastro Clinic
Maastricht, Netherlands
Daniel Scanderbeg, PhD
UCSD Medical Center
La Jolla, CA

3:30 pm – 5:30 pm  CONTOURING WORKSHOPS (Separate Registration Required)

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<th>SPECIALTY</th>
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| GYN           | Celestin D           | Moderator
Akila Viswanathan, MD, MPH
Beth A. Erickson, MD
Beth A. Erickson, MD
Sushil Beriwal, MD
Larissa Lee, MD | Nuclotron, an
Elekta Company
providing laptops
Sushil Beriwal, MD
Larissa Lee, MD
Akila Viswanathan, MD, MPH |
| BREAST        | Celestin H           | Moderator
Elizabeth S. Bloom, MD
SAV
Rakesh Patel, MD
Balloon
Peter Y. Chen, MD
Brachytherapy
Simona Shaitelman, MD, Ed.M. | Robert R. Kuske, Jr, MD | Educase System
Please bring your own laptop | Circulators
Rakesh Patel, MD
Peter Y. Chen, MD
Atif J. Khan, MD
Robert Kuske, MD
Simona Shaitelman, MD, Ed.M. |
| PROSTATE      | Juanita M. Crook, MD | Basic Course
Patrick W. McLaughlin, MD
TRUS:
Steven Frank, MD
CT:
Juanita Crook, MD
MRI:
Patrick W. McLaughlin, MD
Juanita Crook, MD
Brian J. Davis, MD, PhD
Steven Frank, MD
Patrick W. McLaughlin, MD
Richard G. Stock, MD | Varian Medical Systems
providing laptops | Circulators
Juanita Crook, MD
Brian J. Davis, MD, PhD
Steven Frank, MD
Patrick W. McLaughlin, MD
Richard G. Stock, MD |
6:00 pm – 7:00 pm  Welcome Reception and Poster Review with Exhibits  Storyville Hall
7:00 pm – 10:00 pm  Varian BrachyTherapy Roundtable Dinner Event at ABS 2013  
(No CME Credit Offered)

Driving the Future of Brachytherapy – Your Voice Counts.
A series of engaging discussions on issues in brachytherapy.

This year’s event will begin with a series of brief presentations on topical brachytherapy issues. Following the presentations, engaging interactive roundtable discussions begin. Our event will run from 7:00pm-9:30pm.

More details can be found at myvarian.com/ABS2013.

Sponsored by Varian

FRIDAY, APRIL 19

7:00 am – 5:45 pm  Registration  Celestin Foyer
7:30 am – 5:00 pm  Commercial Exhibits  Storyville Hall
7:30 am – 8:00 am  Continental Breakfast  Storyville Hall
7:55 am – 8:00 am  Daily Recap  Celestin D

8:00 am – 9:30 am  Scientific Session: Physics Poster Discussion  Celestin ABC
Moderators:
  Mahta H. McKee, MS
  Wake Forest University Baptist Medical Center
  Winston Salem, NC
  Ivan Yeung, PhD
  Princess Margaret Hospital
  Toronto, Ont., Canada

8:00 am – 9:30 am  Scientific Session: GYN Proffered Papers  Celestin D
Moderators:
  Ann Klopp, MD, PhD
  UT MD Anderson Cancer Center
  Houston, TX
  Lilie L. Lin, MD
  University of Pennsylvania
  Philadelphia, PA
8:00 am – 9:30 am  **Scientific Session: Prostate Proffered Papers II**  
*Moderators:*

- **Gerard C. Morton, MD**  
  Sunnybrook Odette Cancer Centre  
  Toronto, Ont., Canada
- **Peter J. Rossi, MD**  
  Emory University School of Medicine  
  Atlanta, GA

9:30 am – 10:15 am  **INVITED LECTURER:**  
W. Robert Lee, MD, MS, MEd  
Duke University Medical Center  
Durham, NC

“**Teaching and Learning Brachytherapy**”

*Introduction by:*

- Beth A. Erickson, MD, FACR, FASTRO  
  ABS Past President

10:15 am – 10:45 am  **ABS and ACR: Forging Friendship in a Changing World**

Albert Blumberg, MD, FACR  
Greater Baltimore Medical Center  
Baltimore, MD

David E. Wazer, MD  
Tufts and Brown University  
Boston, MA

10:45 am – 11:00 am  **Refreshment Break**  
*Storyville Hall*

11:00 am – 12:00 pm  **Plenary Session: Top Four Abstracts**

*Discussants:*

- **Breast:** Robertz R. Kuske, Jr., MD  
  Arizona Breast Cancer Specialists  
  Scottsdale, AZ

- **Prostate:** Alvaro A. Martinez, MD, FACR  
  Michigan Healthcare Professionals / 21st Century Oncology  
  Farmington Hills, MI

- **Gyn:** Akila N. Viswanathan, MD, MPH  
  Dana-Farber Brigham and Women’s Cancer Care  
  Boston, MA

- **Physics:** Mark J. Rivard, PhD  
  Tufts Medical Center  
  Boston, MA
12:00 pm – 12:30 pm  
**Ulrich Henschke Award** *(No CME Credit Offered)*
Sponsored by Best Medical Systems

Presented by:
Bradley R. Prestidge, MD, MS  
ABS President

12:30 pm – 2:00 pm  
**ABS Member Lunch and ABS Annual Business Meeting** *(Event for ABS Members Only)*
Sponsored by Theragenics

2:00 pm – 3:30 pm  
**Physics Panel I: Integration of New Brachytherapy Technologies into the Clinic**

*Moderators:*
- Yan Yu, PhD, MBA  
  Thomas Jefferson University Hospital  
  Philadelphia, PA
- Jacqueline Esthappan, PhD  
  Washington University School of Medicine  
  St. Louis, MO

*Panelists:*
- Vanessa L. Gates, MS, DABR, DABSNM  
  Northwestern Memorial Hospital  
  Chicago, IL
- Tarun K. Podder, PhD  
  University Hospitals,  
  Cleveland, OH
- Bruce R. Thomadsen, PhD  
  University of Wisconsin – Madison  
  Madison, WI

2:00 pm – 3:30 pm  
**Breast Panel I: APBI**

*Moderators:*
- Elizabeth S. Bloom, MD  
  UT MD Anderson Cancer Center  
  Houston, TX
- Phillip M. Devlin, MD, FACR  
  Dana-Farber Brigham and Women’s Cancer Care  
  Boston, MA

*Panelists:*
- Robert R. Kuske, Jr., MD  
  Arizona Breast Cancer Specialists  
  Scottsdale, AZ
- Benjamin D. Smith, MD  
  UT MD Anderson Cancer Center  
  Houston, TX
### 3:30 pm – 4:00 pm
**Refreshment Break**
*Storyville Hall*

### 4:00 pm – 5:00 pm
**Physics Panel II: The Role of Deformable Registration in Clinical Brachytherapy**

**Moderators:**
- **Wayne M. Butler, PhD**
  Schiffler Cancer Center / Wheeling Hospital
  Wheeling, WV
- **Mark J. Rivard, PhD**
  Tufts Medical Center
  Boston, MA

**Panelists:**
- **Alvaro A. Martinez, MD, FACP**
  Michigan Healthcare Professionals/21st Century Oncology
  Farmington Hills, MI
- **Jean Pouliot, PhD**
  UCSF Comprehensive Cancer Center
  San Francisco, CA

### 4:00 pm – 6:00 pm
**CONTOURING WORKSHOPS (Separate Registration Required)**

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<td>Atif J. Khan, MD</td>
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<td>Balloon Brachytherapy</td>
<td>Peter Y. Chen, MD, Simona Shattalman, MD, Ed.M.</td>
<td>Robert R. Kuske, Jr, MD</td>
<td><strong>Edcase System</strong></td>
<td>Please bring your own laptop</td>
<td>Circulators: Elizabeth S. Bloom, MD, Peter Y. Chen, MD, Robert Kuske, MD, Rakesh Patel, MD, Simona Shattalman, MD, Ed.M.</td>
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<td><strong>PROSTATE</strong></td>
<td><strong>Adv Course</strong></td>
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<td>Patrick W. McLaughlin, MD</td>
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### 5:30 pm – 6:30 pm
**Reception and Poster Review with Exhibits**
SATURDAY, APRIL 20

7:30 am – 1:00 pm  Registration  Celestin Foyer
7:30 am – 12:30 pm  Commercial Exhibits  Storyville Hall
7:30 am – 8:00 am  Continental Breakfast  Storyville Hall
7:55 am – 8:00 am  Daily Recap

Mira Keyes, MD, FRCPC  
2013 Annual Meeting Scientific Program Chair  
BC Cancer Agency  
Vancouver, BC, Canada

8:00 am – 9:30 am  Patient Safety and Regulations  Celestin D

Moderator:

Zoubir Ouhib, MS  
Boca Raton Regional Hospital  
Delray Beach, FL

Reported Medical Events for the Past Decade: 
Review and Lessons Learned

Zoubir Ouhib, MS  
Boca Raton Regional Hospital  
Delray Beach, FL

Moving to Source Strength Based Rules for Permanent Implant Brachytherapy

Michael Fuller  
Team Leader, Medical Radiation Safety Team  
U.S. Nuclear Regulatory Commission  
Rockville, MD

Panel Discussion: NRC Revised Rules

Michael Fuller  
Team Leader, Medical Radiation Safety Team  
U.S. Nuclear Regulatory Commission  
Rockville, MD

Sandy Gabriel, PhD  
U.S. Nuclear Regulatory Commission  
Voorhees, NJ

Zoubir Ouhib, MS  
Boca Raton Regional Hospital  
Delray Beach, FL

9:30 am – 10:30 am  Scientific Session: Prostate Proffered Papers III  Celestin E

Moderators:

Peter F. Orio, III, DO  
Dana-Farber Brigham and Women’s Cancer Center  
Boston, MA
9:30 am – 10:30 pm  
**GYN Debate II: Intracavitary vs. Intracavitary and Interstitial Brachytherapy**

Moderator:
Beth A. Erickson, MD, FACP, FASTRO
Medical College of Wisconsin
Milwaukee, WI

Panelists:
Patricia J. Eifel, MD
UT MD Anderson Cancer Center
Houston, TX

Joe Hsu, MD
UCSF Comprehensive Cancer Center
San Francisco, CA

9:30 am – 10:30 am  
**Scientific Session: Breast Brachytherapy**

Poster Discussion

Moderators:
Elizabeth S. Bloom, MD
UT MD Anderson Cancer Center
Houston, TX

Scott P. Tannehill, MD
Arizona Breast Cancer Specialists
Scottsdale, AZ

10:30 am – 11:00 am  
**Refreshment Break**

11:00 am – 12:00 pm  
**Prostate Panel I: Prostate Cancer Imaging**

Moderators:
Peter D. Grimm, DO
Prostate Cancer Treatment Center
Seattle, WA

Panelists:
Cynthia Menard, MD
Princess Margaret Hospital
Toronto, Ont., Canada

Thomas J. Pugh, MD
MD Anderson Cancer Center
Houston, TX

Mack Roach, III, MD, FACP
UCSF Comprehensive Cancer Center
San Francisco, CA
11:00 am – 12:00 pm  **Scientific Session: GYN Poster Discussion**

*Moderators:*

- **Kevin V. Albuquerque, MD**  
  Moncrief Radiation Oncology Center  
  UT Southwestern University Medical Center  
  Dallas, TX

- **Ellen L. Jones, MD, PhD**  
  University of North Carolina  
  Chapel Hill, NC

11:00 am – 12:00 pm **Physics Panel III: Brachytherapy Dose Calculations Beyond the TG-43 Formalism**

*Moderators:*

- **Steven D. Davis, PhD**  
  McGill University Health Centre  
  Montreal, QC, Canada

- **Jack L. M. Venselaar, PhD**  
  Instituut Verbeeten  
  Tilburg, Netherlands

*Panelists:*

- **Facundo Ballester, PhD**  
  University of Valencia  
  Burjassot, Valencia, Spain

- **Firas Mourtada, PhD**  
  Helen F. Graham Cancer Center/Christiana Care Health System  
  Newark, DE

- **Ronald S. Sloboda, PhD, FCCM**  
  Cross Cancer Institute  
  Edmonton, AB, Canada
12:00 pm – 1:00 pm  Prostate Panel II: Management of Rising PSA After Brachytherapy

Moderators:
Eric Vigneault, MD, MSc, FRCP
CHUQ Hotel Dieu Des Quebec
Quebec City, QC, Canada

Panelists:
Juanita M. Crook, MD, FRCPC
Cancer Center for the Southern Interior
Kelowna, BC, Canada

Tom Pickles, MD
BC Cancer Agency
Vancouver, BC, Canada

Josh Yamada, MD
Memorial Sloan-Kettering Cancer Center
New York, NY

12:00 pm – 1:00 pm  GYN Panel II: Vaginal Brachytherapy

Moderator:
Ellen L. Jones, MD, PhD
University of North Carolina
Chapel Hill, NC

Panelists:
Indications
William Small, Jr., MD, FACR, FACRO
Northwestern University
Chicago, IL

Patient Selection – Intracavitary vs. Interstitial
Mitchell Kamrava, MD
UCLA
Los Angeles, CA

Planning – Intracavitary and Intracavitary vs. Interstitial
Antonio Damato, PhD
Dana-Farber Brigham and Women’s Cancer Care
Boston, MA

1:00 pm  Meeting Adjourns

Speakers, times, and sessions are subject to change.
The views of any speaker may not necessarily be the views of the American Brachytherapy Society.
2013 ANNUAL MEETING ANCILLARY MEETINGS

Thursday  
6:30 am – 8:00 am  ABS Physics Committee Meeting  
7:00 pm – 10:00 pm  Varian BrachyTherapy Dinner Event

THANK YOU TO OUR 2013 ANNUAL MEETING SPONSORS

Best Medical  
2013 Ulrich Henschke Award

Biocompatibles, Inc.  
2013 LDR Prostate Brachytherapy Scholarship Program and Residents’ Luncheon

Nucletron, an Elekta Company  
Laptop Computers for Contouring Sessions  
Judith Stitt Best Paper Awards  
2013 HDR Brachytherapy Scholarship Program  
Annual Meeting Mobile App

Hologic  
Thursday Box Lunch

Oncura, a GE Company  
Residents’ Luncheon  
2013 Resident Travel Grants

Theragenics Corporation  
Friday Membership Luncheon

Varian  
Laptop Computers for Contouring Sessions  
Overall Meeting Support

Meet Our Exhibitors and Be Eligible for Prize Drawings!

Your attendee envelope includes a signature card for each exhibiting company.

Get your card completely filled out and turn it in to the ABS registration desk by 5:00 pm on Friday afternoon. On Saturday morning there will be three prize drawings for those eligible to participate. Each winner will take home a new I-Pad Mini!
FUTURE ABS ANNUAL MEETINGS

April 3 – 5, 2014
Manchester Grand Hyatt
San Diego, CA

FUTURE ABS EDUCATIONAL SCHOOLS

2013 GYN Brachytherapy School
July 12 – 13
Westin River North
Chicago, IL

2013 Breast Brachytherapy School
October 24 – 25
Mandarin Oriental
Las Vegas, NV