



American Brachytherapy Society
2011 Annual Meeting
Manchester Grand Hyatt
San Diego, CA
April 14-16, 2011

Final Program

Conflict of Interest and Off-Label Disclosure Statement

Presenters at this conference 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.

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 American Brachytherapy Society. UHS-PEP is accredited by the ACCME to provide continuing medical education for physicians.

UHS-PEP designates this live activity for a maximum of **20 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. 2.0 CEUs will be awarded and recorded with the University.

Applications will also be made for CAMPEP and MDCB credits for the ABS 2011 Annual Meeting.

Self-assessment module (SAM) credit will be available after completion of online examination which will be posted after the meeting.

Learning Objectives

At the conclusion of this meeting, the successful learner should be able to:

1. describe recent advances in the management of gynecologic, prostate and breast cancer brachytherapy
2. identify research developments in gynecologic, prostate and breast cancer brachytherapy
3. evaluate clinical implementation of heterogeneity corrections for brachytherapy dose calculations
4. evaluate clinical advances in microbrachytherapy
5. distinguish the importance of performance measures and learn about the “Public Reporting of Health Care Outcomes” from a national expert in cardiothoracic surgery
6. compare, contrast and understand the pros and cons of protons, photons and brachytherapy for prostate cancer
7. analyze the principles of image-based brachytherapy for cervical cancer including the advantages, costs and uncertainties, and review the current state of practice in the U.S. and in Europe
8. evaluate what defines a quality prostate brachytherapy implant
9. specify principles regarding optimizing vaginal brachytherapy
10. evaluate difficult cases in gynecologic, prostate, and breast cancers with audience participation
11. discuss the management of sarcomas, skin cancers and thoracic tumors
12. understand changes with regards to the focused practice in brachytherapy initiative approved by ABMS
13. discuss how to set up a brachytherapy practice

Friday Special Presentation



As brachytherapy comes under increasing scrutiny in the public limelight, the requests of regulators and patients for public reporting of brachytherapy-related outcomes will continue to expand. As physicians with an interest and practice that includes brachytherapy, understanding how other surgical specialties have dealt with similar issues is important for us to move forward in the best way possible.

The ABS is pleased to have Dr. David M. Shahian speak Friday on “Public Reporting of Health Care Outcomes – A Century After Codman.” Dr. Shahian is a cardiothoracic surgeon who has been involved with health policy issues for nearly two decades, particularly in the area of performance measurement. As Chair of the Society of Thoracic Surgeons (STS) Adult Cardiac Database and its Quality Measurement Task Force, he led development of the STS composite CABG performance measure and the recent extensive revision of its 27 cardiac surgery risk models. In his current position as Chair of the STS Work Force on National Databases, he is ultimately responsible for the all STS database activities including their three major databases (adult cardiac, congenital, and general thoracic), quality measurement, external linkages, and quality improvement activities.

Dr. Shahian is Vice-Chair of the NQF Health Professional’s Council and Chair of the NQF Task Force on Evidence. He serves on the ACC/AHA Performance Measurement Task Force and the ACC Clinical Quality Steering Committee, and he is a member of the AMA PCPI Executive Committee. At MGH, Dr. Shahian serves as Associate Director of the Codman Center for Clinical Effectiveness in Surgery; he is a member of the Department of Surgery Executive Quality Committee; and he is a member of the leadership team of the Edward Lawrence Center for Quality and Safety.

Dr. Shahian has been an advocate of responsible public reporting of healthcare outcomes. He was a leader in the development of the mandatory public report card program for cardiac surgery and PCI in Massachusetts, and he still serves as Senior Surgical Advisor for that initiative. In 2010, he was a leader in the design and implementation of the Society of Thoracic Surgeon’s voluntary public reporting initiative, the first national program of its kind.

Dr. Shahian’s research has focused on performance measurement and related health policy issues. Examples include the application of statistical quality control techniques to cardiac surgery; econometric modeling of quality as a factor in selecting cardiac surgery providers; use of hierarchical models for outcomes profiling; clinical versus administrative data for provider profiling; composite performance measures; covariate imbalance and the perils of directly comparing indirectly standardized “risk-adjusted” outcomes; alternative approaches to outlier determination; the volume outcome association; and issues with hospital-wide mortality rate as a quality metric.

Dr. Shahian recently published an article in the New England Journal of Medicine entitled, “Variability in the Measurement of Hospital-wide Mortality Rates.” This study showed that four commonly used methods to calculate hospitals’ risk-adjusted rates of death produced different results. The same hospitals were classified as having higher-than-expected mortality by one method and lower-than-expected mortality by other methods.

Dr. Shahian is a Professor of Surgery at the Massachusetts General Hospital, Harvard Medical School.

Future ABS Annual Meetings

May 10 – 12, 2012
World Congress of Brachytherapy
(hosted by GEC-ESTRO)

Future ABS Educational Schools

2011 GYN Brachytherapy School:
July 22 – 23 | Knickerbocker Hotel
Chicago, IL



2011 Annual Meeting Scientific Program Committee

Akila Viswanathan, MD, MPH

Scientific Program Chairman
Associate Professor of Radiation Oncology
Chief, Gynecologic Radiation Oncology
Dana-Farber Brigham and Women's Cancer Center
Boston, MA

Sushil Beriwal, MD

Medical Director
Associate Professor, Radiation Oncology
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Endocurietherapy At UCLA, Division of
Brachytherapy
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Head, Provincial Prostate Brachytherapy Program
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Vancouver, BC, Canada

Robert R. Kuske, MD

Medical Director
Arizona Breast Cancer Specialists
Scottsdale, AZ

Christopher S. Melhus, PhD

Tufts Medical Center
Boston, MA

Josh Yamada, MD

Associate Attending
Department of Radiation Oncology
Memorial Sloan-Kettering Cancer Center
New York, NY

ABS Past Presidents

2011 Rakesh R. Patel, MD	1993 Louis B. Harrison, MD
2010 Eric M. Horwitz, MD	1992 Alvaro A. Martinez, MD
2009 Brian J. Davis, MD, PhD	1991 Kenneth H. Luk, MD
2008 Gregory S. Merrick, MD	1990 Peter A. Fleming, MD
2007 W. Robert Lee, MD	1989 Dattatreyyudu Nori, MD
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1995 Arthur T. Porter, MD	1978 Harvey S. Frey, MD, PhD
1994 John C. Blasko, MD	

2011 ABS Ulrich Henschke Award: W. Robert Lee, M.D., M.S., M. Ed.



Dr. Lee completed his undergraduate education at the College of William and Mary in Williamsburg, Virginia where he received degrees in Chemistry and Classical Studies. He received his medical degree from the University of Virginia in Charlottesville; the lovely academic village in which he met Colleen, his wife of 20 years. After internship, he completed his radiation oncology residency at the University of Florida in 1993. He subsequently accepted a junior faculty position at Fox Chase Cancer Center in Philadelphia and remained there until 1996. During this period he worked closely with Dr. Gerald Hanks and published numerous papers on the early use of three-dimensional conformal radiotherapy for the treatment of prostate cancer.

In 1996 he was recruited to the Wake Forest School of Medicine in Winston-Salem, North Carolina by Dr. Ed Shaw. He would remain at Wake Forest for ten years. At Wake Forest, with the assistance of Al deGuzman, a clinical physicist, Dr. Lee initiated a low-dose prostate brachytherapy program. During this period he trained several residents (and three urologists). He also developed an HDR program for prostate cancer with the assistance of a clinical physicist, Mahta Mirzaei. During the decade in Winston-Salem he completed coursework for two Masters' Degrees; one in Clinical Epidemiology from Wake Forest University and another in Adult Education from Pennsylvania State University (which was completed on-line). In 2006 Dr. Lee was recruited by Dr. Chris Willett to Duke University and has remained there for the last five years. He is currently Professor of Radiation Oncology, Associate Professor of Urology and also the Program Director for the Duke Radiation Oncology Residency Training program. Dr. Lee's clinical efforts are focused on the treatment of prostate cancer with radiotherapy (brachytherapy and external beam).

His current clinical research interests include: novel fractionation schedules in the treatment of prostate cancer and measures of quality in prostate brachytherapy. He is the PI of a recently completed NCI-supported Phase III trial comparing hypofractionated external beam radiotherapy (70 Gy in 28 fractions) to conventionally fractionated external beam radiotherapy (73.8 Gy in 41 fractions) and he is the PI of an in-house stereotactic body radiotherapy (SBRT) protocol for early stage prostate cancer protocol (5 fractions in 2.5 weeks). He is also the PI of a Phase II RTOG trial examining the efficacy and toxicity of LDR brachytherapy combined with external radiotherapy for intermediate risk prostate cancer.

He is the current Chair of the Residency Review Committee of the Accreditation Council of Graduate Medical Education (ACGME) which oversees the accreditation of all Radiation Oncology training programs in the United States. His educational research interests focus on the responsible integration of educational technologies into the training of residents and fellows. He is currently developing a curriculum devoted to improving medical decision making for patients and health care professionals.

Dr. Lee has been an active participant in the ABS serving on the Board of Directors, Scientific Program Chair for the Annual Meeting and ABS President in 2007. He continues to be involved in the ABS Prostate schools and the ABS Annual Meeting. He is also the Editor-in-Chief of Practical Radiation Oncology, a new peer-reviewed journal.

Dr. Lee lives in Chapel Hill with his wife, Colleen, and their four children; Hannah, Zachary, Abigail and Adam. He spends his free time skiing/hiking/vacationing with his family, reading (cognitive psychology of late) and watching his children play soccer. He is an avid fan of college basketball and college and professional soccer.

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Annual Meeting Faculty

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Speaker Ready Room

For uploading your presentations, the Molly A Room on the Second Level of the hotel will serve as the Speaker Ready Room. You must upload your presentation at least one hour prior to presenting.

Agenda

Wednesday, April 13

11:00 am – 6:30 pm **Registration and Commercial Exhibit Set-Up** Douglas Pavilion Foyer / Douglas Pavilion CD

Thursday, April 14

7:30 am – 7:00 pm **Commercial Exhibits | Hall Opens** Douglas Pavilion CD

7:00 am – 5:45 pm **Registration** Douglas Pavilion Foyer

7:30 – 7:55 am **Continental Breakfast** Douglas Pavilion CD

7:55 – 8:00 am **Welcome** Douglas Pavilion B
Akila Viswanathan, MD, MPH
Dana-Farber Brigham and Women's Cancer Center
Boston, MA

8:00 – 9:30 am **Updates in Brachytherapy for Gynecologic Neoplasms** Douglas Pavilion B
(Self-Assessment Module credit course)
Beth Erickson, MD
Medical College of Wisconsin
Milwaukee, WI

8:00 – 9:30 am **Scientific Session: Prostate Brachytherapy Proffered Papers I** Douglas Pavilion A
Moderators:
I-Chow "Joe" Hsu, MD
University of California San Francisco
San Francisco, CA

Thomas G. Shanahan, MD
University Radiologists
Springfield, IL

8:00 – 9:30 am **Scientific Session: Breast Brachytherapy Poster Discussion** Manchester ABC (second floor)
Moderators:
Peter Y. Chen, MD
William Beaumont Hospital
Bloomfield Hills, MI

David E. Wazer, MD
Tufts Medical Center
Boston, MA

9:35 am – 10:05 am	Your Practice in the Future: New Focused Practice Initiative in Brachytherapy Beth Erickson, MD Medical College of Wisconsin Milwaukee, WI	Douglas Pavilion B
	Paul E. Wallner, DO The American Board of Radiology	
10:05 – 10:35 am	ABS Presidential Address (No CME Credit Offered) Rakesh Patel, MD ABS President Western Radiation Oncology, Inc. Mountain View, CA	Douglas Pavilion B
10:35 – 11:00 am	Refreshment Break	Douglas Pavilion CD
11:00 am – 12:00 pm	What Defines a “Quality” Prostate Cancer Implant? <i>Moderator:</i> Mira Keyes, MD BC Cancer Agency Vancouver, BC, Canada <i>Panelists:</i> Mira Keyes, MD BC Cancer Agency Vancouver, BC, Canada Peter D. Grimm, DO Prostate Cancer Treatment Center Seattle, WA W. James Morris, MD Vancouver Cancer Center Vancouver, BC Canada Louis Potters, MD Island Jewish Medical Center New Hyde Park, NY	Douglas Pavilion B
11:00 am – 12:00 pm	Difficult Cases in Breast Brachytherapy <i>Moderator:</i> Robert R. Kuske, MD Arizona Breast Cancer Specialists Scottsdale, AZ <i>Panelists:</i> Peter Beitsch, MD, FACS Dallas Surgical Group Dallas, TX David E. Wazer, MD Tufts Medical Center Boston, MA	Douglas Pavilion A

12:00 – 1:00 pm	Box Lunch (for attendees; in Exhibit Hall) Sponsored by SpecMed		Douglas Pavilion CD
12:00 – 1:00 pm	Resident Luncheon (Resident's only) Sponsored by Oncura		Manchester D (second level)
1:00 – 2:30 pm	Scientific Session: Gynecologic Brachytherapy Proffered Papers Moderators: Caroline L. Holloway, MD BC Cancer Agency Victoria, BC, Canada Ann Klopp, MD, PhD MD Anderson Cancer Center Houston, TX		Douglas Pavilion B
1:00 – 2:30 pm	Clinical Implementation of Heterogeneity Corrections for Brachytherapy Dose Calculations Moderators: Frank-Andre Siebert, PhD UK S-H Campus Kiel Kiel, Schleswig-Holstein, Germany Luciant Wolfsberger, MS Dana-Farber Brigham and Women's Cancer Center Boston, MA <i>Panelists:</i> Overview of Heterogeneity Correction Methodologies Asa Carlsson Tedgren, PhD Linkoping University Linkoping, Sweden Clinical Implementation for High Energy Brachytherapy Sources Mark J. Rivard, PhD Tufts Medical Center Boston, MA Clinical Implementation for Low Energy Brachytherapy Sources Luc Beaulieu, PhD Centre de Recherche de L'Hotel Dieu de Quebec Quebec, PQ, Canada		Douglas Pavilion A
1:00 – 2:30 pm	Scientific Session: Prostate Brachytherapy Poster Discussion I Moderators: Mark Buyyounouski, MD, MS Fox Chase Cancer Center Philadelphia, PA Peter F. Orio, III, MD Dana-Farber Brigham and Women's Cancer Center Boston, MA		Manchester ABC (second level)

2:30 – 3:00 pm

Refreshment Break

Douglas Pavilion CD

3:00 – 4:30 pm

Scientific Session: General Brachytherapy
Proffered Papers

Douglas Pavilion B

Moderators:



Michele Albert, MD

Dana-Farber Brigham and Women’s Cancer Center
Boston, MA

Susan Higgins, MD

Yale New Haven Hospital
New Haven, CT

CONTOURING WORKSHOPS Manchester GHI (second level)

SPECIALTY	3:00 – 4:00 PM	3:00 – 3:20 PM	3:20 – 3:40 PM	3:40 – 4:00 PM	4:00 – 5:30 PM	4:00 – 5:30 PM
	Contouring Workshop	Imaging	Contouring	Planning	Contouring Cases	Contouring Cases
GYN Manchester H Room (second level)	Moderator Beth Erickson, MD	Paul Knechtges, MD	Beth Erickson, MD	Christian Kirisits, ScD	Nucletron providing laptops 	Circulators Physicians: David Gaffney, MD, PhD Catherine Yashar, MD Physicists: Jorgen Hansen, MS Mandar Bhagwat, PhD Jason Rownd, MS
BREAST Manchester I Room (second level)	Moderator Robert Kuske, MD	Surgical Principles: Peter Beitsch, MD	Atif Kahn, MD	Zoubir Ouhib, MS Mahta McKee, MS	Educase System Please bring your own laptop	Circulators Physicians: Rakesh Patel, MD Atif Kahn, MD Robert Kuske, MD Physicists: Mahta McKee, MS Zoubir Ouhib, MS Amir Sadeghi, PhD
PROSTATE Manchester G Room (second level)	Moderator Juanita Crook, MD	Antonio Westphalen, MD	Juanita Crook, MD	Ron Sloboda, PhD	Varian providing laptops 	Circulators Physicians: Josh Yamada, MD Mira Keyes, MD Tom Shanahan, MD Gerard Morton, MD Physicists: William S. Bice, PhD Jette Borg, PhD Deidre Batchelar, MD Cynthia Araujo, PhD

6:00 – 7:00 pm	Welcome Reception and Poster Review Exhibit Hall	Douglas Pavilion CD
7:00 – 9:30 pm	Varian BrachyTherapy Roundtable Event <i>Moderator:</i> Anuj Peddada, MD Dr. Peddada will lead two lively brachytherapy debates. More details on the topics & contributors soon to follow. This dinner event will begin immediately following the ABS Welcome Reception. <i>Sponsored by Varian</i> <i>(No CME Credit Offered)</i>	Randle Ballroom (fourth level)



Friday, April 15

7:00 am – 5:45 pm	Registration	Douglas Pavilion Foyer
7:30 am – 5:00 pm	Commercial Exhibits	Douglas Pavilion CD
7:30 – 7:55 am	Continental Breakfast <i>Sponsored by BrachySciences</i>	Douglas Pavilion CD



7:55 – 8:00 am	Daily Recap Akila Viswanathan, MD, MPH Dana-Farber Brigham and Women's Cancer Center Boston, MA	Douglas Pavilion B
8:00 – 9:30 am	Updates in Breast Brachytherapy <i>(Self-Assessment Module credit course)</i> David E. Wazer, MD Tufts Medical Center Boston, MA	Douglas Pavilion B
8:00 – 9:30 am	Scientific Session: Prostate Brachytherapy Proffered Papers II <i>Moderators:</i> Mark D. Hurwitz, MD Dana-Farber Brigham and Women's Cancer Center Boston, MA Bradley R. Prestidge, MD, MS South Texas Radiation Therapy Associates Houston, TX	Douglas Pavilion A
8:00 – 9:30 am	Scientific Session: Gynecologic Brachytherapy Poster Discussion <i>Moderators:</i> Kristin A. Bradley, MD University of Wisconsin Madison, WI Larissa J. Lee, MD Dana-Farber Brigham and Women's Cancer Center Boston, MA	Manchester ABC (second level)

9:35 – 10:35 am	INVITED LECTURER: David M. Shahian, MD Professor of Surgery Harvard Medical School “Public Reporting of Health Care Outcomes – A Century after Codman”	Douglas Pavilion B
10:35 – 11:00 am	Refreshment Break	Douglas Pavilion CD
11:00 am – 12:00 pm	Plenary Session: Top Four Abstracts <i>Discussants:</i> Breast: David E. Wazer, MD Tufts Medical Center Boston, MA Gyn: Beth Erickson, MD Medical College of Wisconsin Milwaukee, WI Prostate: W. Robert Lee, MD Duke University Medical Center Durham, NC Physics: William S. Bice, PhD John Muir Health Systems Walnut Creek, CA	Douglas Pavilion B
12:00 – 12:30 pm	Ulrich Henschke Award <i>Sponsored by Best Medical International</i> <i>Presented by:</i> Juanita Crook, MD, FRCPC ABS President-Elect <i>(No CME Credit Offered)</i>	Douglas Pavilion B
12:30 – 1:55 pm	ABS Member Lunch and ABS Annual Business Meeting <i>(event for ABS members only)</i> <i>Sponsored by Theragenics</i> <i>(No CME Credit Offered)</i>	Manchester DEF (second level)
2:00 – 3:30 pm	Protons, Photons and Brachytherapy for Prostate Cancer: Pros and Cons <i>Moderator:</i> Brian J. Davis, MD, PhD Mayo Clinic Rochester, MN <i>Panelists:</i> David C. Beyer, MD Arizona Oncology Services Scottsdale, AZ	Douglas Pavilion B

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Carl J. Rossi, MD
Loma Linda University Medical Center
Loma Linda, CA

Howard M. Sandler, MD
Samuel Oschin Comprehensive Cancer Institute
Los Angeles, CA

Kent E. Wallner, MD
Puget Sound Health Care System
Seattle, WA

2:00 – 3:30 pm

**Image Based Gynecological Brachytherapy:
Advantages, Cost and Uncertainties**

Douglas Pavilion A

Moderator:

David K. Gaffney, MD, PhD
University of Utah
Salt Lake City, UT

Panelists:

Sushil Beriwal, MD
University of Pittsburgh
Pittsburgh, PA

Christian Kirisits, ScD
Medical University of Vienna
Vienna, Austria

Catheryn Yashar, MD
University of California San Diego
La Jolla, CA

2:00 – 3:30 pm

Scientific Session: Physics Poster Discussion

**Manchester ABC
(second level)**

Moderators:

Christopher S. Melhus, PhD
Tufts Medical Center
Boston, MA



Zoubir Ouhib, MS
Lynn Cancer Institute
Delray Beach, FL

3:30 – 4:00 pm

Refreshment Break

Douglas Pavilion CD

CONTOURING WORKSHOPS Manchester GHI (second level)

SPECIALTY	3:30 – 4:30 PM	3:30 – 3:50 PM	3:50 – 4:10 PM	4:10 – 4:30 PM	4:30 – 6:00 PM	4:30 – 6:00 PM
	Contouring Workshop	Imaging	Contouring	Planning	Contouring Cases	Contouring Cases
GYN Manchester H Room (second level)	Moderator Beth Erickson, MD	Paul Knechtges, MD	Beth Erickson, MD	Christian Kirisits, ScD	<i>Nucletron providing laptops</i> 	Circulators Physicians: David Gaffney, MD, PhD William Small, MD Catherine Yashar, MD Physicists: Jorgen Hansen, MS Mandar Bhagwat, PhD Jason Rownd, MS
BREAST Manchester I Room (second level)	Moderator Robert Kuske, MD	Surgical Principles: Peter Beitsch, MD	Atif Kahn, MD	Zoubir Ouhib, MS Mahta McKee, MS	Educase System <i>Please bring your own laptop</i>	Circulators Physicians: Rakesh Patel, MD Atif Kahn, MD Robert Kuske, MD Physicists: Mahta McKee, MS Zoubir Ouhib, MS Amir Sadeghi, PhD
PROSTATE Manchester G Room (second level)	Moderator Juanita Crook, MD	Antonio Westphalen, MD	Juanita Crook, MD	Ron Sloboda, PhD	<i>Varian providing laptops</i> 	Circulators Physicians: Josh Yamada, MD Mira Keyes, MD Tom Shanahan, MD Gerard Morton, MD Physicists: William S. Bice, PhD Jette Borg, PhD Deidre Batchelar, MD Cynthia Araujo, PhD

4:00 – 5:30 pm

Clinical Advancements in Microbrachytherapy

Moderators:

Jean Pouliot, PhD

University of California San Francisco
San Francisco, CA

Laura Doyle, MS

Thomas Jefferson University Hospital
Philadelphia, PA

Douglas Pavilion B

Panelists:

Dosimetry of Targeted Radionuclide Therapy

Firas Mourtada, PhD

MD Anderson Cancer Center
Houston, TX

Image-Based Dosimetry for Microbrachytherapy

Reed Selwyn, PhD

Radiology and Radiological Sciences
CNRM Uniformed Services
University of the Health Sciences
Bethesda, MD

Radiobiology of Radionuclides

Bruce Thomadsen, PhD

University of Wisconsin
Madison, WI

5:30 – 6:00 pm

Setting Up a Brachytherapy Practice

Jeff Demanes, MD

University of California Los Angeles
Los Angeles, CA

Douglas Pavilion B

6:30 – 8:30 pm

Departure for Gala Event at Air and Space Museum

*Buses depart from Hyatt entrance starting at 6:15 pm until 6:45 pm.
Buses return from the Air and Space Museum until 9:00 pm.*

Saturday, April 16

7:30 am – 12:45 pm

Registration

Douglas Pavilion Foyer

7:30 am – 12:30 pm

Commercial Exhibits

Douglas Pavilion CD

7:30 – 7:55 am

Continental Breakfast

Douglas Pavilion CD

7:55 – 8:00 am

Daily Recap

Douglas Pavilion B

8:00 – 9:30 am

Updates in Prostate Brachytherapy

(Self-Assessment Module credit course)

Douglas Pavilion B

Juanita Crook, MD, FRCPC

University of British Columbia
Kelowna, BC, Canada

Gerard Morton, MD

University of Toronto
Sunnybrook Regional Cancer Center
Toronto, ON, Canada

8:00 – 9:30 am

Scientific Session: Physics Proffered Papers

Moderators:

Renu Sharma, MS

West Michigan Cancer Center
Kalamazoo, MI

Ivan Yeung, PhD

Princess Margaret Hospital
Toronto, ON, Canada

Douglas Pavilion A

8:00 – 9:30 am

**Scientific Session: General Brachytherapy
Poster Discussion**

**Manchester ABC
(second level)**

Moderators:

Atif J. Khan, MD
Cancer Institute of New Jersey
New Brunswick, NJ

Alex Stewart, DM, MRCP, FRCR
Royal Surrey County Hospital
Surrey, England

9:30 – 10:30 am

**Management of Sarcomas, Lung and Esophageal
Cancer, and Skin Surface Applicators**

Douglas Pavilion A

Moderator:

Phillip Devlin, MD
Dana-Farber Brigham and Women's Cancer Center
Boston, MA

Panelists:

Skin Surface Applicators

Mike Kasper, MD
Boca Raton Community Hospital
Boca Raton, FL

Brachytherapy for Sarcomas

Phillip Devlin, MD
Dana-Farber Brigham and Women's Cancer Center
Boston, MA

Thoracic and Esophagus Cancer Brachytherapy

Subhakar Mutyala, MD
Scott and White Healthcare
Temple, TX

9:30 – 10:30 am

**Difficult Cases in Gynecologic Cancer
Management**

Douglas Pavilion B

Moderator:

Patricia Eifel, MD
MD Anderson Cancer Center
Houston, TX

Panelists:

David K. Gaffney, MD, PhD
University of Utah
Salt Lake City, UT

Ann Klopp, MD, PhD
MD Anderson Cancer Center
Houston, TX

Akila Viswanathan, MD, MPH
Dana-Farber Brigham and Women's Cancer Center
Boston, MA

9:30 – 10:30 am

**Scientific Session: Prostate Brachytherapy
Poster Discussion II**

**Manchester ABC
(second level)**

Moderators:

Brett W. Cox, MD

Memorial Sloan-Kettering Cancer Center
New York, NY

Steven J. Frank, MD

MD Anderson Cancer Center
Houston, TX

10:30 – 11:00 am

Refreshment Break

Douglas Pavilion CD

11:00 am – 12:30 pm

**Optimizing Vaginal Brachytherapy:
Cylinder and Interstitial Applications**

Douglas Pavilion B

Moderator:

William Small, MD

Northwestern University
Chicago, IL

Panelists:

Jeff Demanes, MD

University of California Los Angeles
Los Angeles, CA

Beth Erickson, MD

Medical College of Wisconsin
Milwaukee, WI

Loren Mell, MD

University of California San Diego
La Jolla, CA

Jason Rownd, MS

Medical College of Wisconsin
Milwaukee, WI

11:00 am – 12:30 pm **Difficult Cases in Prostate Cancer Brachytherapy**

Douglas Pavilion A

Moderator:

Josh Yamada, MD

Memorial Sloan-Kettering Cancer Center
New York, NY

Panelists:

Brian J. Davis, MD, PhD

Mayo Clinic
Rochester, MN

John K. Hayes, MD

Gamma West Cancer Services
Salt Lake City, UT

Marisa Kollmeier, MD

Memorial Sloan-Kettering Cancer Center
New York, NY

Bradley R. Prestidge, MD, MS

South Texas Radiation Therapy Associates
Houston, TX

11:00 am – 12:30 pm **Scientific Session: Breast Brachytherapy
Proffered Papers**

Moderators:

Catherine Park, MD

University of California San Francisco
San Francisco, CA

Joanne B. Weidhaas, MD, PhD

Yale New Haven Hospital
New Haven, CT

12:30 pm

Meeting Adjourns

**Manchester ABC
(second level)**

*Speakers, times and sessions are
subject to change.*

*The views of any speaker may not
necessarily be the views of the
American Brachytherapy Society.*

2011 Annual Meeting | Ancillary Meetings

Day / Times	Event	Function Room / Location	Hotel Level
Wednesday 6:00 – 7:30 pm	Geant4 (Monte Carlo) North American User's Meeting	Gregory A	Second Floor
Thursday 6:30-7:45 am	HEBD Meeting	Edward C	Second Floor
Noon-1:00 pm	ABS Physics Committee	Edward AB	Second Floor
4:30-6:00 pm	TG 186 Meeting	Edward AB	Second Floor
7:00-8:30 pm	BTSC Meeting	Edward AB	Second Floor
7:00-9:30 pm	Varian BrachyTherapy Roundtable Event	Randle Ballroom	Fourth Floor

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Laptop Computers for
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Overall Meeting Support



Residents' Luncheon
2011 LDR Resident
Fellowship Program



Laptop Computers for
Contouring Sessions
Judith Stitt Best Paper Awards
2011 HDR Resident Fellowship Program



2011 Ulrich Henschke Award



Friday Membership Luncheon



Friday Breakfast



Thursday Box Luncheon

Oncura 2011 Seattle LDR Brachytherapy Fellowship Recipients



Ahmed N. Ali, MD
Hospital of the University of Pennsylvania
Philadelphia, PA

Neha Amin, MD
University of Colorado Health Sciences
Center
Aurora, CO

David Andolino, MD
Indiana University School of Medicine
Indianapolis, IN

Tracy Bray, MD
Loyola University Medicine Center
Maywood, IL

Alvin Cabrera, MD
Duke University Medical Center
Durham, NC

Kevin Forsythe, MD
Mount Sinai Medical Center
New York, NY

Ruchika Gutt, MD
The University of Chicago Hospitals
Chicago, IL

Edward Jung, MD
Wayne State University
Detroit, MI

Douglas Miller, MD
Washington University School of Medicine
St. Louis, MO

Paul Saconn, MD
Wake Forest University
Winston Salem, NC

John Stewart, MD
University of Alabama-Birmingham
Birmingham, AL

Nucletron 2011 HDR Brachytherapy Fellowship Recipients



Bethany Anderson, MD
University Of Wisconsin Hospitals &
Clinics
Madison, WI

Robert Den, MD
Thomas Jefferson University Hospital
Bodine Center for Cancer Treatment
Philadelphia, PA

Kevin Forsythe, MD
Mount Sinai Medical Center
New York, NY

Dhara MacDermed, MD
Scripps Translational Science Institute
LaJolla, CA

Paul Sacconn, MD
Wake Forest University
Winston Salem, NC

Jay Shelton, MD
Emory University
Atlanta, GA

Asal Shoushtari, MD
University Of Virginia
Charlottesville, VA

Timothy Showalter, MD
Thomas Jefferson University Hospital
Philadelphia, PA

Sarah Squire, MD
Wake Forest University
Winston Salem, NC

John Stewart, MD
University of Alabama-Birmingham
Birmingham, AL

Oncura 2011 Resident Travel Grant Awards **ONCURA**

Michael D. Chuong, MD
H. Lee Moffitt Cancer Center Research Institute
Tampa, FL

**PREOPERATIVE CONCOMITTANT
CHEMOTHERAPY/EBRT WITH HDR
BRACHYTHERAPY BOOST FOR RECTAL
ADENOCARCINOMA: THE INITIAL MOFFITT
CANCER CENTER EXPERIENCE**

Rezwan Chowdhury, MD, FRCP
Arizona Breast Cancer Specialists
Phoenix, AZ

**ACCELERATED PARTIAL BREAST IRRADIATION
WITH INTERSTITIAL BRACHYTHERAPY FOR
WOMEN WITH BREAST CANCER IN THE
PRESENCE OF BREAST AUGMENTATION**

Mario Federico, MD, PhD
University of Palermo
Palermo, Italy

**PRE-IMPLANT CLINICAL AND RADIOLOGICAL
(MRI) ASSESSMENT IMPROVES CT-BASED
HRCTV DELINEATION IN CERVICAL CANCER
PATIENTS**

Mersiha Hadziahmetovic, MD
The Ohio State University
Comprehensive Cancer Center
Columbus, OH

**EPISCLERAL PLAQUE BRACHYTHERAPY
FOR UVEAL MELANOMAS: 20 YEARS
INSTITUTIONAL EXPERIENCE**

Zain A. Husain, MD
University of Maryland
Baltimore, MD

**PATTERNS OF CARE ANALYSIS FOR PATIENTS
UNDERGOING BREAST BRACHYTHERAPY: A
SEER STUDY**

Ovidiu Marina, Meng, MD
William Beaumont Hospital
Royal Oak, MI

**DOSE-ESCALATED ADAPTIVE IMAGE-
GUIDED RADIOTHERAPY (IGRT) VERSUS
PELVIC IRRADIATION WITH HIGH DOSE RATE
BRACHYTHERAPY BOOST FOR INTERMEDIATE-
RISK PROSTATE CANCER**

Lisa K. Morikawa, MD
Memorial Sloan-Kettering Cancer Center
New York, NY

**SALVAGE HIGH-DOSE-RATE
BRACHYTHERAPY FOR RECURRENT
PROSTATE CANCER AFTER ULTRA HIGH
INTENSITY MODULATED RADIOTHERAPY:
RESULTS OF A PROSPECTIVE STUDY**

Dilini S. Pinnaduwege, PhD
University of California San Francisco
San Francisco, CA

**DOSIMETRIC IMPACT OF INTERFRACTION
TANDEM-RING APPLICATOR AND
CATHETER MOVEMENT IN HIGH DOSE RATE
BRACHYTHERAPY FOR GYNECOLOGY
PATIENTS**

Xinglei Shen, MD
Thomas Jefferson University Hospital
Philadelphia, PA

**PROSTATE SEED IMPLANTATION ALONE OR
WITH EXTERNAL BEAM RADIATION REDUCES
CAUSE-SPECIFIC MORTALITY COMPARED
TO EXTERNAL BEAM RADIATION ALONE
FOR DEFINITIVE TREATMENT OF LOCALIZED
INTERMEDIATE TO HIGH RISK PROSTATE
CANCER: A POPULATION BASED ANALYSIS**

Meng K. Welliver, MD, PhD
University of Pennsylvania
Philadelphia, PA

**EVALUATION OF A BALLOON-BASED
VAGINAL PACKING SYSTEM AND MINIMAL
SEDATION FOR PATIENTS WITH CERVICAL
CANCER UNDERGOING INTRACAVITARY
BRACHYTHERAPY**

A Special Thanks to Our 2011 ABS Sponsors

Platinum Level



Silver Level



Bronze Level



Friday Night Gala Event at the Air & Space Museum

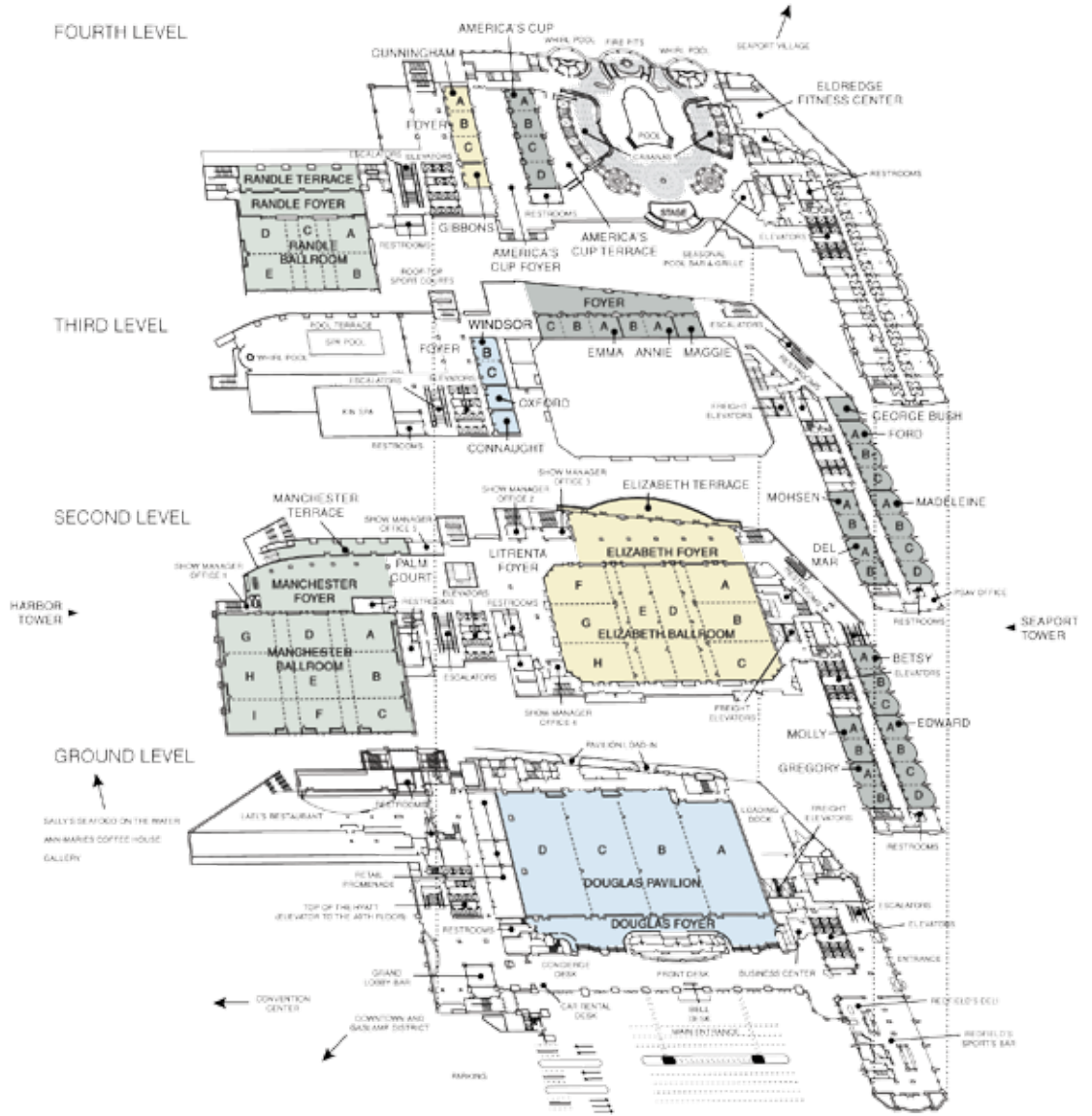
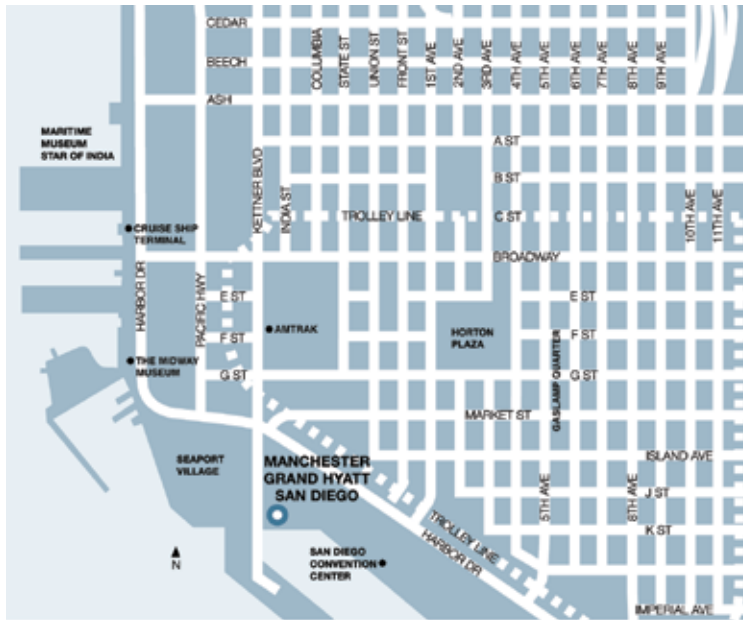
Located in Balboa Park, the San Diego Air and Space Museum highlights the history of aviation from the past to the present, from the dawn of powered flight at Kittyhawk to the Golden Age of Barnstorming and the first air mail planes. In the museum's International Aerospace Hall of Fame guests find a unique and striking collection of oil portraits and memorabilia honoring the inventors, pilots and industrialists whose visions created the complex organizations necessary to build our airplanes and spacecraft. Meet in the hotel lobby beginning at 6:15 pm. The event is from 6:30 to 8:30 pm.

2011 Annual Meeting Exhibitors

The American Brachytherapy Society extends a sincere thank you to all of our corporate supporters and we encourage all attendees to visit with our exhibitors over the course of the meeting. By visiting all of the exhibitors you can become eligible for two I-Pad prize drawings on Saturday morning, April 16.

Company	Booth Number	Tabletop
Accubost		M
Alpha-Omega Services		D
Bard Medical Division / Bard Biopsy Systems	200	
Best Medical International	309	
BK Medical	500	
BrachySciences		A
Cianna Medical	206	
CIVCO Medical Solutions		K
Core Oncology	400	
Diacor, Inc.	109	
El Sevier	207	
Hitachi Medical Systems America	307	
Hologic	101	
IBt-BEBIG	401	
i-Cad, Inc.	502	
IsoAid LLC	308	
IsoRay Medical, Inc.	107	
Mick Radio Nuclear Instruments, Inc.	209	
MIM Software	406	
Nucletron	201	
Oncology Data Systems		N
Oncura	301	
RadiaDyne		H
Sirtex Medical, Inc.		L
SpecMed	208	
Theragenics Corporation	306	
Varian BrachyTherapy	407	
Velocity Medical Solutions		I

Hotel Floor Plan



Exhibitor Floor Plan

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 two prize drawings for those eligible to participate. Each winner will take home a new I-Pad.

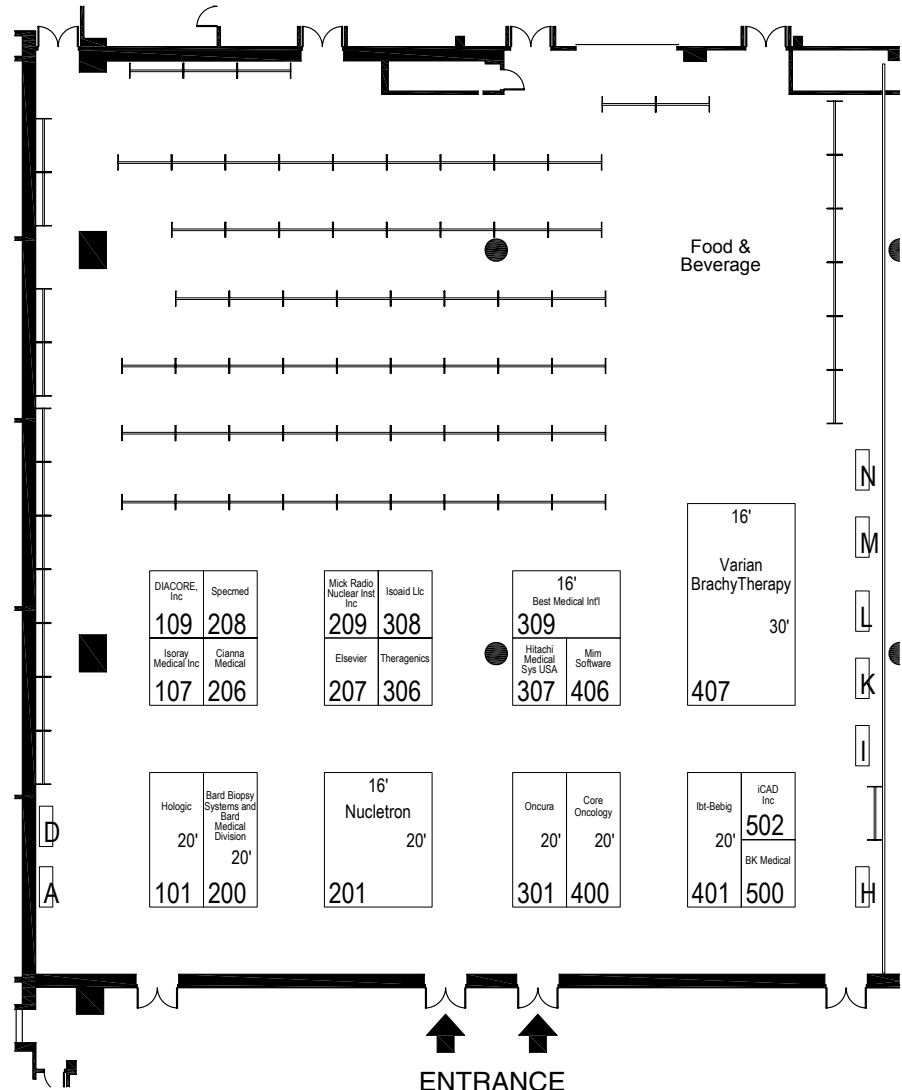
AMERICAN BRACHYTHERAPY SOCIETY 2011 ANNUAL MEETING

APRIL 14-16, 2011

Table Top Legend

BrachySciences
Alpha-Omega Services Inc.
Radiadyne
Velocity Medical Solutions
Civco Medical Systems
Sirtex
Accuboost
Oncology Data Systems

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American Brachytherapy Society
2011 Annual Meeting
Manchester Grand Hyatt
San Diego, CA
April 14-16
Final Program