

ONSITE PROGRAM



American
Brachytherapy
Society

2013

ANNUAL MEETING

Quality Brachytherapy Through Education and Mentoring
April 18–20, 2013

Hyatt Regency, New Orleans, Louisiana

2013 ANNUAL MEETING SCIENTIFIC PROGRAM COMMITTEE

Mira Keyes, MD, FRCPC

Scientific Program Chair
Head, Provincial Prostate
Brachytherapy Program
BC Cancer Agency
Vancouver, BC, Canada

Sushil Beriwal, MD

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Los Angeles, CA

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Houston, TX

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Professor, Medical Director
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Salt Lake City, UT

Atif J. Khan, MD

Assistant Professor
Cancer Institute of New Jersey
New Brunswick, NJ

Mark J. Rivard, PhD

Professor and Chief Medical Physicist
Tufts Medical Center
Boston, MA

Eric Vigneault, MD, MSc, FRCPC

Associate Professor
Department of Radiation Oncology
CHUQ Hotel Dieu De Quebec
Quebec City, QC, Canada

PAST PRESIDENTS

2012	Juanita M. Crook, MD, FRCPC	2000	James Fontanesi, MD	1988	Karen K. Fu, MD
2011	Rakesh R. Patel, MD	1999	Subir Nag, MD	1987	Luis Delclos, MD
2010	Eric M. Horwitz, MD	1998	Kent Wallner, MD	1986	Basil S. Hilaris, MD
2009	Brian J. Davis, MD, PhD	1996-		1985	Don R. Goffinet, MD
2008	Gregory S. Merrick, MD	1997	Burton L. Speiser, MD	1984	A.M. Nisar Syed, MD
2007	W. Robert Lee, MD, MS, MEd	1995	Arthur T. Porter, MD	1983	Thomas C. Gates, MD
2006	Douglas W. Arthur, MD	1994	John C. Blasko, MD	1982	Ajmel A. Puthawala, MD
2005	Frank A. Vicini, MD	1993	Louis B. Harrison, MD	1981	Paul Y. M. Chan, MD
2004	Michael J. Zelefsky, MD	1992	Alvaro A. Martinez, MD	1980	Aaron G. Fingerhut, MD
2003	Beth A. Erickson, MD	1991	Kenneth H. Luk, MD	1979	David L. Neblett, MS
2002	Colin Orton, PhD	1990	Peter A. Fleming, MD	1978	Harvey S. Frey, MD, PhD
2001	David Beyer, MD	1989	Dattatreyudu Nori, MD		

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

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BRONZE LEVEL



2013 ULRICH HENSCHKE AWARD RECIPIENT FRANK A. VICINI, M.D., FACR



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.

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 Coordinated 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.

Henschke Award Sponsored by



2013 ANNUAL MEETING FACULTY

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Associate Professor
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Valencia, Spain

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Director Clinical Research
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Clinical Professor
William Beaumont Hospital
Bloomfield, MI

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Chief of Brachytherapy
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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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Charles Woods, MD
University Hospitals
of Cleveland
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Manila, Philippines

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MRCP, FRCR
Guys and St Thomas' NHS
Foundation Trust
London, United Kingdom

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Alabama - Birmingham
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Sonali Rudra, MD
University of Chicago
Medical Center
Chicago, IL

Ellen A. Wiegner, MD
Mercy Cancer Center
Sacramento, CA

ONCURA, A GE COMPANY, 2013 RESIDENT TRAVEL GRANT AWARD RECIPIENTS

Shahed N. Badiyan, MD

Washington University | St. Louis, MO
 Incidence 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

University of Iowa Hospitals and Clinics | Iowa City, IA
 Brachytherapy Plus External Beam Radiation Therapy
 Utilization Pattern Change Between Years 1998 – 2003
 and 2004 – 2009 Based on Seer Data Analysis

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

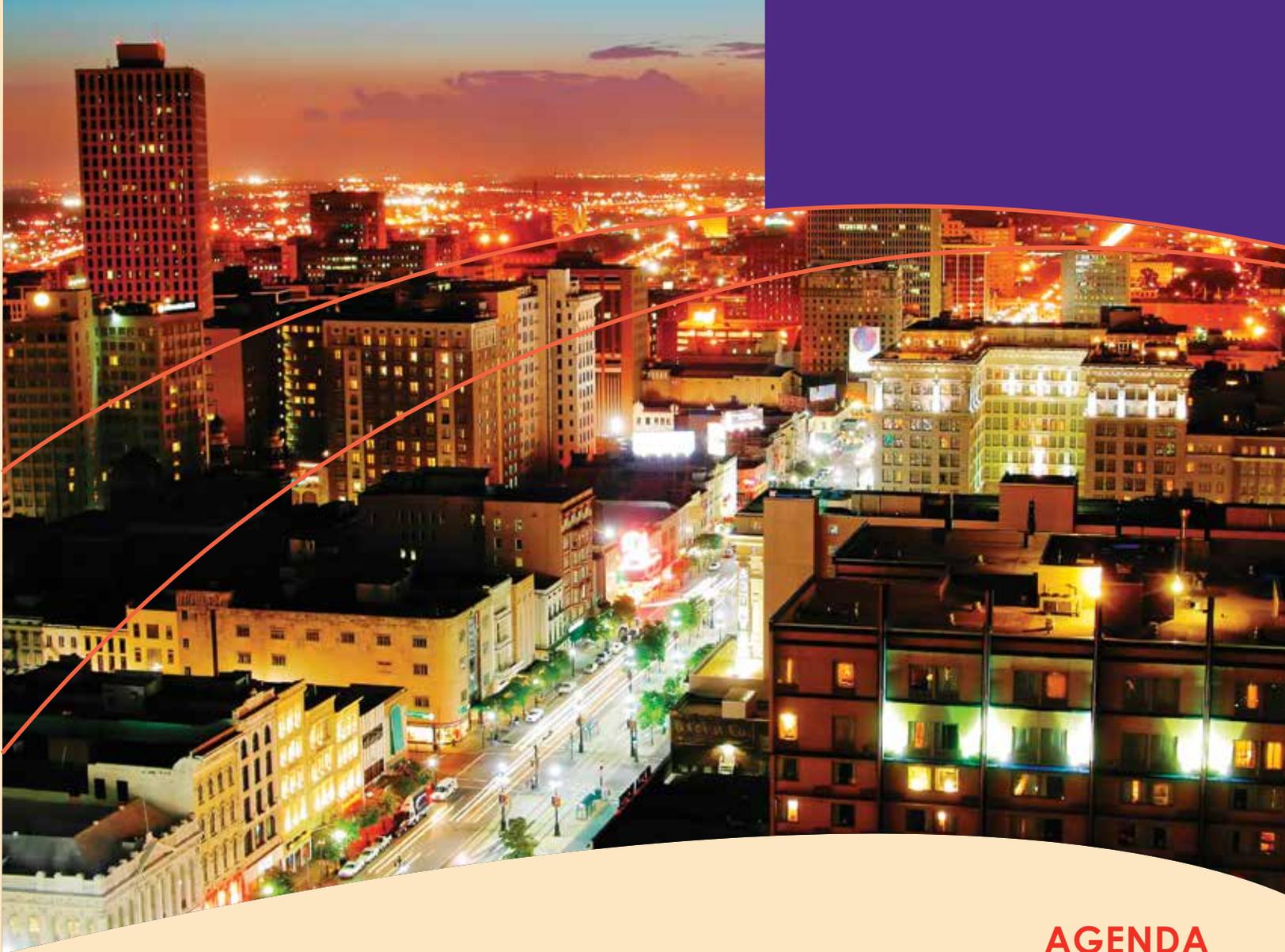
UT MD Anderson Cancer Center
 Houston, TX

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	<i>Celestin Foyer/ Storyville Hall</i>
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THURSDAY, APRIL 18

7:30 am – 7:00 pm	Commercial Exhibits <i>(Including Welcome Reception)</i>	<i>Storyville Hall</i>
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7:00 am – 5:30 pm	Registration	<i>Celestin Foyer</i>
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7:30 am – 8:00 am	Continental Breakfast	<i>Storyville Hall</i>
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7:55 am – 8:00 am	Welcome	<i>Celestin D</i>
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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

Celestin D

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

Celestin E

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

Celestin D

Moderator:

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

Panelists:

LDR: Steven J. Frank, MD
UT MD Anderson Cancer Center
Houston, TX

HDR: Mihai Ghilezan, MD, PhD
Michigan Healthcare Professionals
Farmington MI

EBRT+-ADT: Michael J. Zelefsky MD
Memorial Sloan-Kettering Cancer Center
New York, NY

9:00 am – 10:00 am

**Scientific Session: Breast Brachytherapy
Proffered Papers**

Celestin E

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 *Celestin ABC*

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)*

Celestin D

Bradley R. Prestidge, MD, MS

ABS President
Memorial Hermann Southwest Hospital
Houston, TX

11:00 am – 12:15 pm

Education and Mentoring

Celestin D

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) Storyville Hall

Sponsored by Hologic 

12:15 pm – 1:00 pm **Resident Luncheon** (Resident's Only) Imperial 12

Co-sponsored by Biocompatibles, Inc.
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1:00 pm – 2:00 pm **Miscellaneous Panels I and II** Celestin E

Moderator:

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

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

Celestin D

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

Celestin E

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

Celestin D

Moderators:

Brigitte Reniers, PhD
 Maastrro Clinic
 Maastricht, Netherlands

Daniel Scanderbeg, PhD
 UCSD Medical Center
 La Jolla, CA

3:30 pm – 5:30 pm

CONTOURING WORKSHOPS (Separate Registration Required)

SPECIALTY	CONTOURING WORKSHOP	ANATOMY	CONTOURING	DIFFICULT CASES	SPONSOR	CONTOURING CASES
GYN <i>Celestin G</i>	Moderator Akila Viswanathan, MD, MPH	Beth A. Erickson, MD	Beth A. Erickson, MD	Sushil Beriwal, MD Larissa Lee, MD	Nucletron, an Elekta Company <i>providing laptops</i> 	Circulators Sushil Beriwal, MD Larissa Lee, MD Jason Rownd, MS Akila Viswanathan, MD, MPH
BREAST <i>Celestin H</i>	Moderator Elizabeth S. Bloom, MD		SAVI Rakesh Patel, MD Balloon Brachytherapy Peter Y. Chen, MD Simona Shaitelman, MD, Ed.M.	Robert R. Kuske, Jr, MD	Educase System <i>Please bring your own laptop</i>	Circulators Rakesh Patel, MD Peter Y. Chen, MD Atif J. Khan, MD Robert Kuske, MD Simona Shaitelman, MD, Ed.M.
PROSTATE Basic Course <i>Celestin F</i>	Juanita M. Crook, MD	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 <i>providing laptops</i> 	Circulators Juanita Crook, MD Brian J. Davis, MD, PhD Steven Frank, MD Patrick W. McLaughlin, MD Richard G. Stock, MD, PhD

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*

Mira Keyes, MD, FRCPC

2013 Annual Meeting Scientific Program Chair

BC Cancer Agency

Vancouver, BC, Canada

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	<i>Celestin E</i>
	<p><i>Moderators:</i></p> <p>Gerard C. Morton, MD Sunnybrook Odette Cancer Centre Toronto, Ont., Canada</p> <p>Peter J. Rossi, MD Emory University School of Medicine Atlanta, GA</p>	
9:30 am – 10:15 am	<p>INVITED LECTURER:</p> <p>W. Robert Lee, MD, MS, MEd Duke University Medical Center Durham, NC</p>	<i>Celestin D</i>
	<p>“Teaching and Learning Brachytherapy”</p> <p><i>Introduction by:</i></p> <p>Beth A. Erickson, MD, FACR, FASTRO ABS Past President</p>	
10:15 am – 10:45 am	<p>ABS and ACR: Forging Friendship in a Changing World</p> <p>Albert Blumberg, MD, FACR Greater Baltimore Medical Center Baltimore, MD</p> <p>David E. Wazer, MD Tufts and Brown University Boston, MA</p>	<i>Celestin D</i>
10:45 am – 11:00 am	Refreshment Break	<i>Storyville Hall</i>
11:00 am – 12:00 pm	Plenary Session: Top Four Abstracts	<i>Celestin D</i>
	<p><i>Discussants:</i></p> <p>Breast: Robertz R. Kuske, Jr., MD Arizona Breast Cancer Specialists Scottsdale, AZ</p> <p>Prostate: Alvaro A. Martinez, MD, FACR Michigan Healthcare Professionals / 21st Century Oncology Farmington Hills, MI</p> <p>Gyn: Akila N. Viswanathan, MD, MPH Dana-Farber Brigham and Women’s Cancer Care Boston, MA</p> <p>Physics: Mark J. Rivard, PhD Tufts Medical Center Boston, MA</p>	

12:00 pm – 12:30 pm **Ulrich Henschke Award** (No CME Credit Offered) *Celestin D*

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** *Imperial 5*

(Event for ABS Members Only)

Sponsored by Theragenics **THERAGENICS CORPORATION**

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

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** *Celestin D*

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

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

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

Celestin D

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, FACR
 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)

SPECIALTY	CONTOURING WORKSHOP	ANATOMY	CONTOURING	DIFFICULT CASES	SPONSOR	CONTOURING CASES
GYN <i>Celestin G</i>	Moderator Akila Viswanathan, MD, MPH	Beth A. Erickson, MD	Beth A. Erickson, MD	Sushil Beriwal, MD Larissa Lee, MD	Nucletron, an Elekta Company <i>providing laptops</i> 	Circulators Sushil Beriwal, MD Larissa Lee, MD Jason Rownd, MS Akila Viswanathan, MD, MPH
BREAST <i>Celestin H</i>	Moderator Atif J. Khan, MD		SAVI Rakesh Patel, MD Balloon Brachytherapy Peter Y. Chen, MD Simona Shaitelman, MD, Ed.M.	Robert R. Kuske, Jr, MD	Educase System <i>Please bring your own laptop</i>	Circulators Elizabeth S. Bloom, MD Peter Y. Chen, MD Robert Kuske, MD Rakesh Patel, MD Simona Shaitelman, MD, Ed.M.
PROSTATE Adv Course <i>Celestin F</i>	Juanita M. Crook, MD	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 <i>providing laptops</i> 	Circulators Juanita Crook, MD Brian J. Davis, MD, PhD Steven Frank, MD Patrick W. McLaughlin, MD Richard G. Stock, MD, PhD

5:30 pm – 6:30 pm Reception and Poster Review with Exhibits

SATURDAY, APRIL 20

7:30 am – 1:00 pm	Registration	<i>Celestin Foyer</i>
7:30 am – 12:30 pm	Commercial Exhibits	<i>Storyville Hall</i>
7:30 am – 8:00 am	Continental Breakfast	<i>Storyville Hall</i>
7:55 am – 8:00 am	Daily Recap Mira Keyes, MD, FRCPC 2013 Annual Meeting Scientific Program Chair BC Cancer Agency Vancouver, BC, Canada	<i>Celestin D</i>
8:00 am – 9:30 am	Patient Safety and Regulations <i>Moderator:</i> 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	<i>Celestin D</i>
9:30 am – 10:30 am	Scientific Session: Prostate Proffered Papers III <i>Moderators:</i> Peter F. Orio, III, DO Dana-Farber Brigham and Women's Cancer Center Boston, MA	<i>Celestin E</i>

John E. Sylvester, MD

21st Century Oncology
Bradenton, FL

9:30 am – 10:30 pm

GYN Debate II: Intracavitary vs. Intracavitary and Interstitial Brachytherapy

Celestin D

Moderator:

Beth A. Erickson, MD, FACR, 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

Celestin ABC

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

Storyville Hall

11:00 am – 12:00 pm

Prostate Panel I: Prostate Cancer Imaging

Celestin D

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, FACR

UCSF Comprehensive Cancer Center
San Francisco, CA

11:00 am – 12:00 pm

Scientific Session: GYN Poster Discussion

Celestin ABC

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**

Celestin E

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

Celestin D

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

Celestin E

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

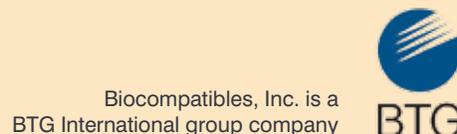
Best Medical

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

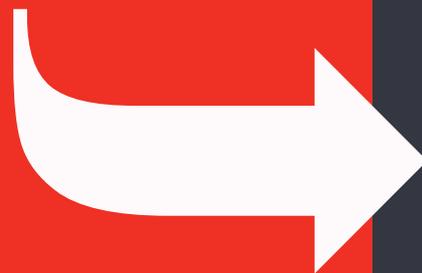
Laptop Computers for Contouring Sessions
Overall Meeting Support



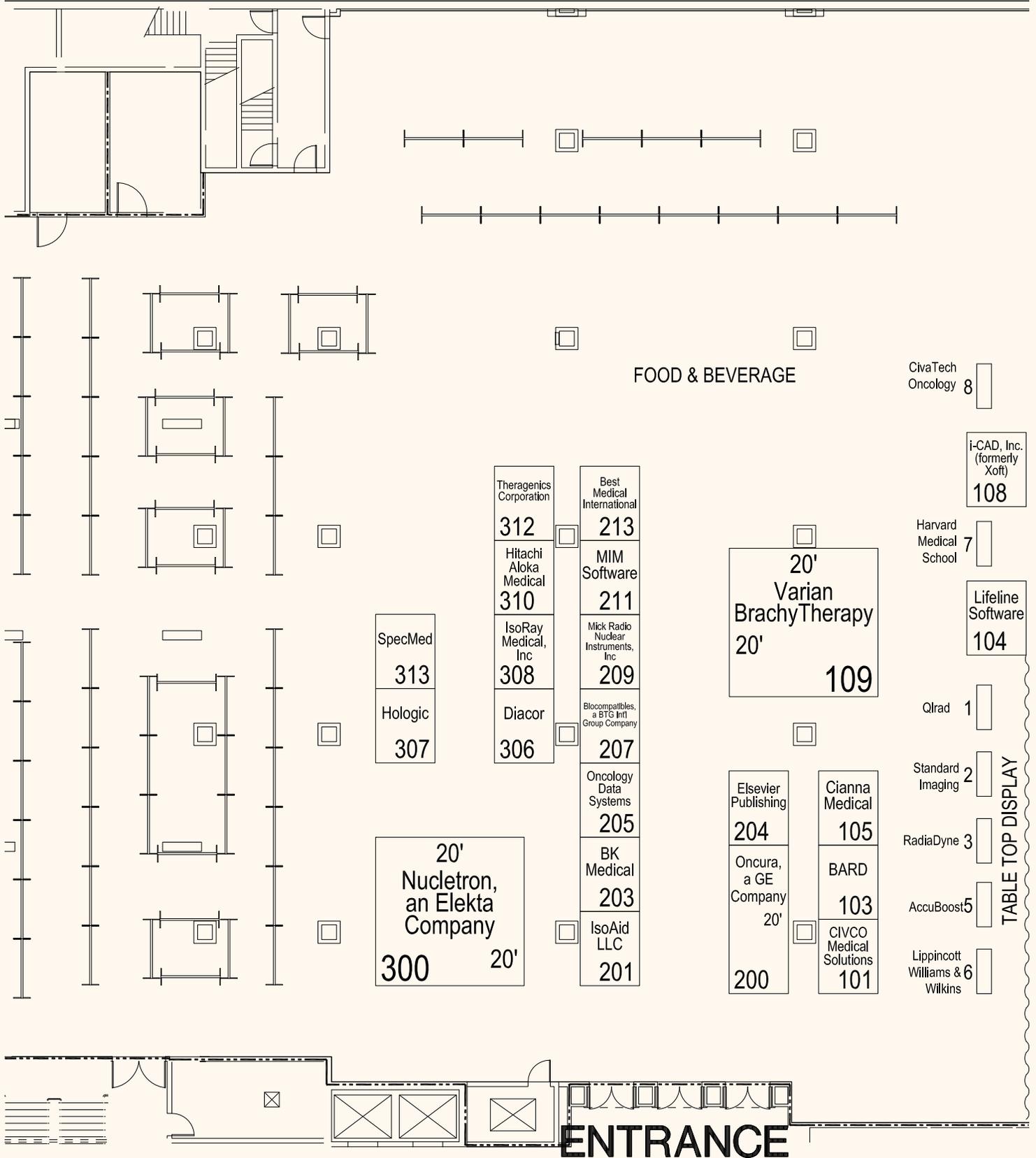
Meet Our Exhibitors and Be Eligible for Prize Drawings!

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!**

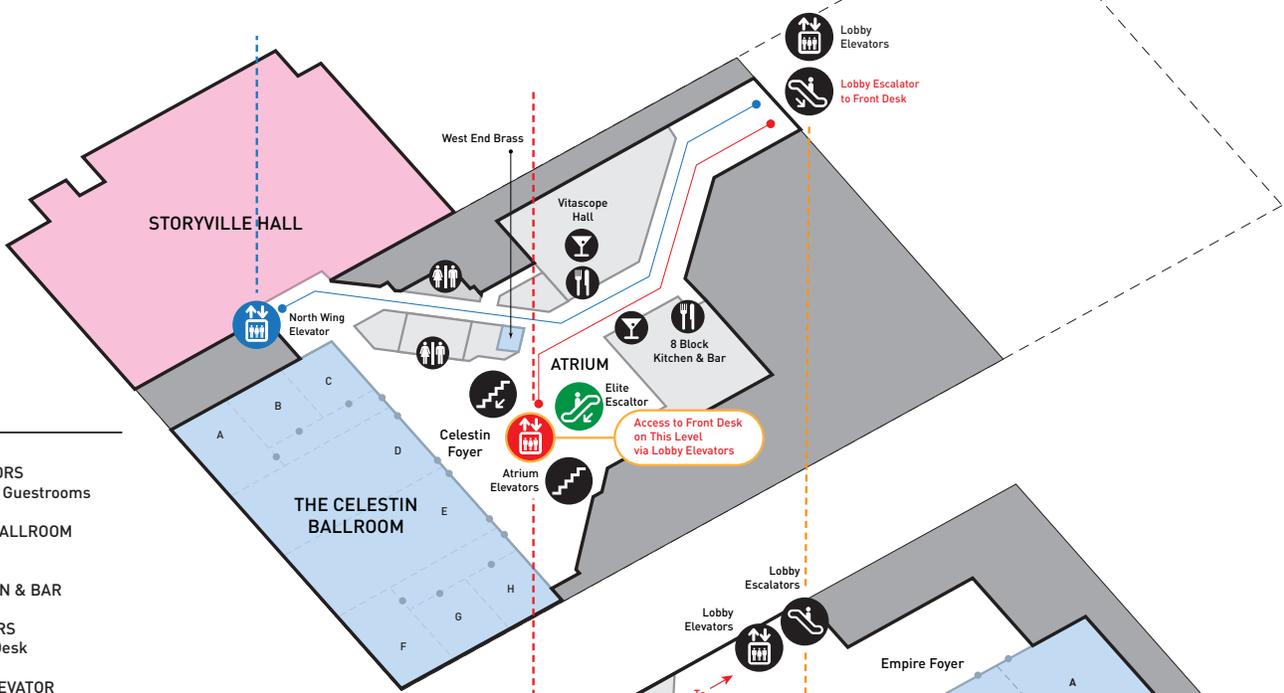


EXHIBITOR FLOOR PLAN



LEVEL 3

- ATRIUM ELEVATORS**
Access to Atrium Guestrooms
- THE CELESTIN BALLROOM**
Celestin Foyer
- 8 BLOCK KITCHEN & BAR**
- LOBBY ELEVATORS**
Access to Front Desk
- NORTH WING ELEVATOR**
Access to North Wing Guestrooms
- STORYVILLE HALL**
- VITASCOPE HALL**
- Route to North Wing Guestrooms
- Route to Atrium Guestrooms



LEVEL 2

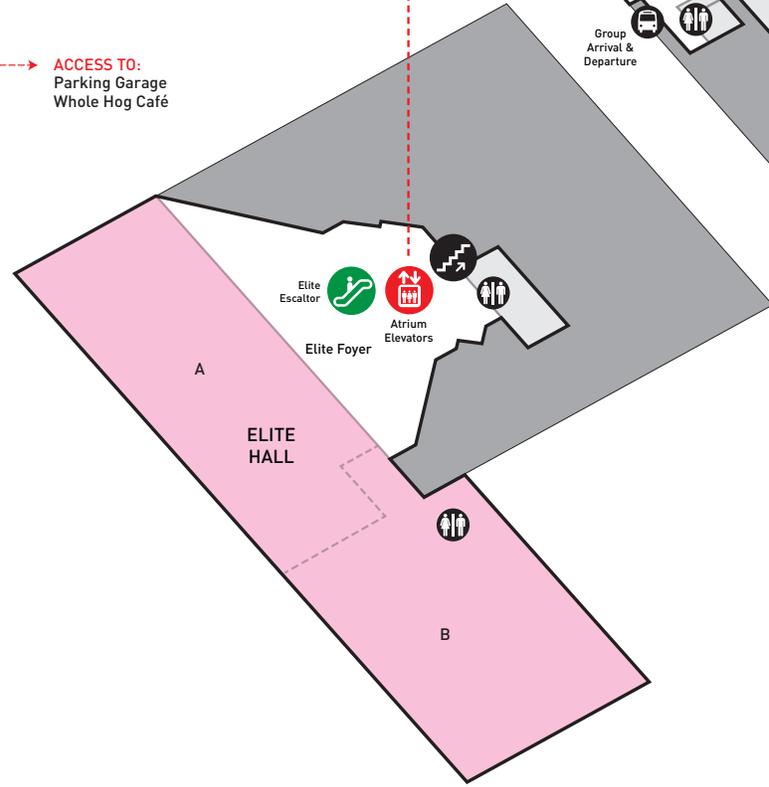
- ATM**
- Bolden Meeting Rooms 1-6**
- THE EMPIRE BALLROOM**
Empire Foyer
- FEDEX OFFICE**
- Foster Meeting Rooms 1-2**
- LAGNIAPPE EXCHANGE**
- STARBUCKS**
- STRAND Boardrooms 6 & 14 Meeting Rooms 1-5, 7-13b Strand Foyer**

--- ACCESS TO:
Parking Garage
Whole Hog Café

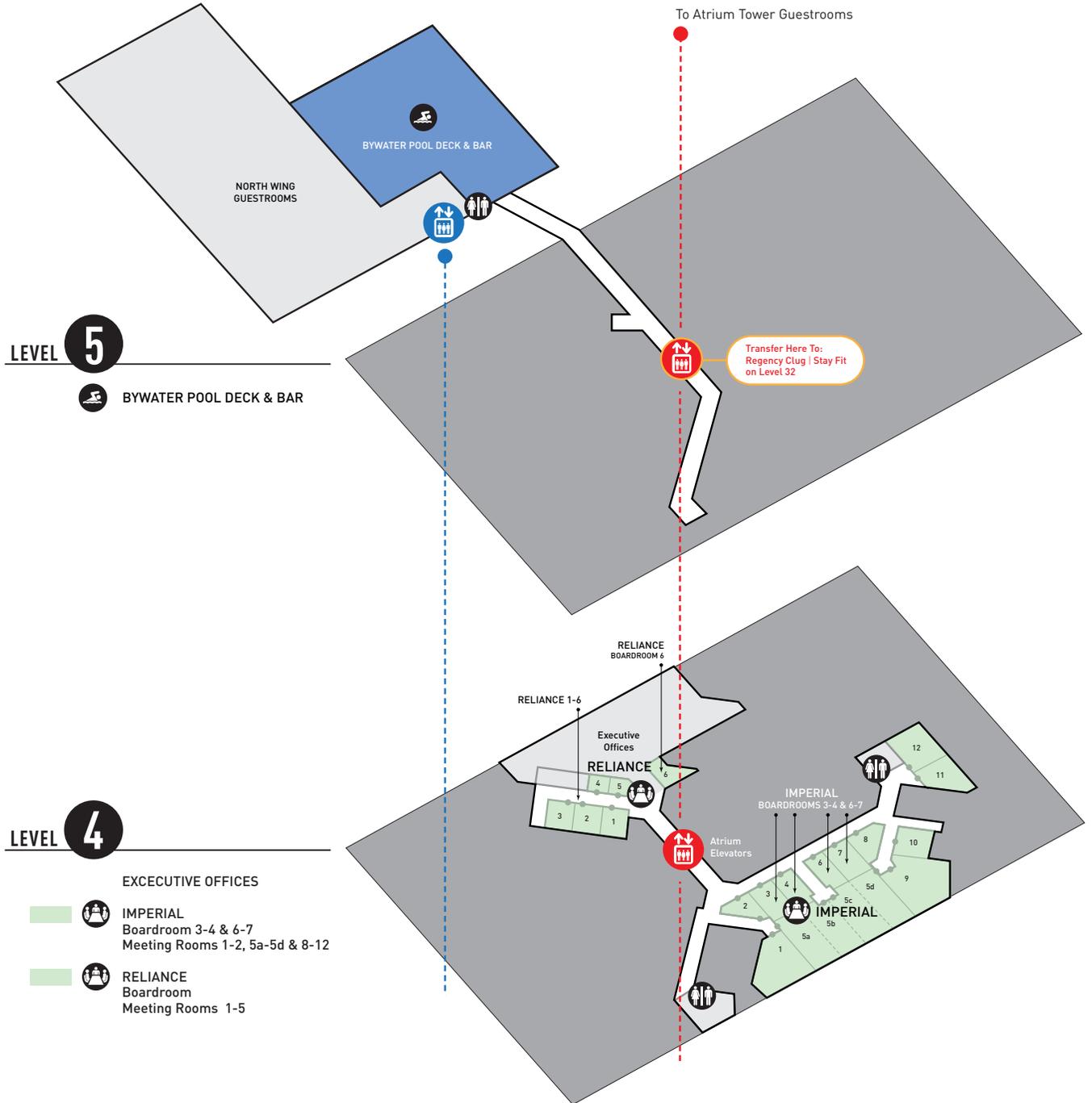


LEVEL 1

- ATM**
- BOARDING PASSES**
- BORGNE**
- CONCIERGE**
- ELITE HALL**
Elite Foyer
- FRONT DESK**
- GROUP ARRIVAL & DEPARTURE**
- MAIN ENTRANCE**
- SELF-CHECKOUT**
- TAXI**
- VALET**



HOTEL DIRECTORY





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



American
Brachytherapy
Society