

CHICAGO ABS 2012

Westin Chicago River North · Chicago, IL · July 20–23, 2012

Schools of Prostate and
Gynecologic Brachytherapy





AN INVITATION TO JOIN US

Dear Colleagues,

The ABS is very pleased this year to be able to offer for the first time two schools back to back. One trip to Chicago gets you both the Gynecologic Brachytherapy School and the Prostate Brachytherapy School. We hope that many of you will attend both schools and spread the word to your colleagues about the state-of-the-art sessions but of course you can register for either School separately.

Contouring schools for both Prostate and Gynecologic malignancies will be offered on sequential days for those who wish to attend the contouring schools only.

World renowned experts will discuss brachytherapy for prostate, cervical, endometrial, and vaginal cancers including presentation of our updated guidelines from the American Brachytherapy Society.

The Gynecologic program will begin with Image-guided brachytherapy and a contouring workshop in which participants will learn the GEC-ESTRO guidelines, while actively contouring tandem/ ovoid and tandem/ring cases with supervision on laptops. Treatment planning methods will be demonstrated and discussed relative to cases. High-dose rate techniques for cervical cancer will be reviewed as will dose specification for cervical cancer according to both traditional and image-based guidelines. The use of imaging for diagnosis will include lectures

dealing with PET imaging. The management of the full spectrum of endometrial carcinoma will be addressed, from adjuvant to inoperable, advanced and recurrent. Treatment of vaginal cancer with intracavity and interstitial brachytherapy will be covered, as well as a review of the management of vulvar cancer. We anticipate developing a gynecologic treatment planning Self-assessment module (SAM) that will be available online for an additional fee for those requiring MOC credit within 1 year after the course.

The Prostate Brachytherapy School will be equally divided between HDR and LDR brachytherapy and a SAM course (similarly available online for MOC credit with an additional fee within a year from presentation time) for HDR Prostate Brachytherapy is being offered. Quality Assurance and a Paradigm for Resident Training will be featured, as well as recommendations and indications for when to combine brachytherapy with external beam radiotherapy and/or androgen deprivation. There will be sessions on symptom management, salvage brachytherapy, and a review of CT, US, and MRI prostate anatomy.

We hope that you can be a part of this important learning experience. We look forward to seeing you in the great city of Chicago.

Sincerely,

Mark Buyounouski, MD, MS

Director, Clinical Research
Fox Chase Cancer Center
Philadelphia, PA
Program Co-Chair,
2012 Prostate Brachytherapy School

Brian J. Davis, MD, PhD

Associate Professor
Radiation Oncology
Mayo Clinic
Rochester, MN
Program Co-Chair,
2012 Prostate Brachytherapy School

Beth A. Erickson, MD

Professor, Radiation Oncology
Medical College of Wisconsin
Milwaukee, WI
Program Co-Chair,
2012 GYN Brachytherapy School

Akila Viswanathan, MD, MPH

Associate Professor
Radiation Oncology
Dana-Farber Brigham and Women's Cancer Care
Boston, MA
Program Co-Chair,
2012 GYN Brachytherapy School

GENERAL INFORMATION

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 **12 AMA PRA Category 1 Credits™** for the Prostate School, **14.25 AMA PRA Category 1 Credits™** for the Gynecologic School, and **26.25 AMA PRA Category 1 Credits™** for both schools.

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. Up to 2.6 CEUs will be awarded and recorded with the University.

This program has applied to CAMPEP for the approval of this activity for 12.72 MPCEC hours for the Prostate School and 14.74 MPCEC hours for the GYN School. Application will also be made for MDCB credits for the ABS 2012 Summer School.

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.

Who Should Attend?

The target audience for this educational school includes radiation oncologists, medical physicists, dosimetrists and medical residents practicing in the field of brachytherapy, including those that wish to learn more about the specific specialties of prostate and gynecologic brachytherapy.

ABS Board of Directors

President: Juanita M. Crook, MD

Vice President: Bradley R. Prestidge, MD, MS

Secretary: Mark Rivard, PhD

Treasurer: Mark Buyyounouski, MD, MS

Chairman: Rakesh R. Patel, MD

Board Members-At-Large

Frank A. Vicini, MD

Akila Viswanathan, MD, MPH

David E. Wazer, MD

Josh Yamada, MD



Hotel Accommodations at the Westin Chicago River North

To ensure accommodations, please contact the Westin at 1.800.233.4100 and remember to identify yourself as an ABS School attendee. The deadline for reservations is July 6, 2012. The room rate for the ABS meeting is \$239 for a single or a double. The hotel is located at 301 East North Water Street.

Airline Reservations

For assistance with airline reservation options, you may contact World Travel in Washington, DC at 202.728.4040. Travel agents will be able to research the lowest priced ticket for you.

Americans with Disabilities Act

Individuals needing auxiliary aids or services as identified in the Americans with Disabilities Act, please contact Executive Director, Rick Guggolz at ABS at 703.234.4078, extension 4070.

Important Deadline Information

Hotel Reservation Deadline: July 6, 2012
Meeting Registration Deadline: June 29, 2012
Meeting Cancellation Deadline: July 6, 2012
Any cancellations or no-shows after this date will be charged the full registration fee. Registration fee can be applied to a future ABS educational event (School or Annual Meeting).

Visit the ABS website at www.americanbrachytherapy.org.

TENTATIVE PROGRAM

Friday, July 20: Prostate Brachytherapy School

Saturday, July 21: Prostate Brachytherapy School: Contouring

Sunday, July 22: Gynecologic Brachytherapy School: Contouring

Monday, July 23: Gynecologic Brachytherapy School

LEARNING OBJECTIVES PROSTATE SCHOOL:

- Understand the necessary components to starting a brachytherapy practice.
- Understand the current guidelines for prostate brachytherapy and quality assurance.
- Understand the current rationale for combined brachytherapy with external beam radiotherapy and/or androgen deprivation therapy.
- Be familiar with low-dose rate brachytherapy techniques from high-volume treatment centers.
- Be familiar with the status of ongoing clinical trials that include prostate brachytherapy.
- Be familiar with the controversy surrounding PSA screening and active surveillance for prostate cancer.
- Understand the techniques, guidelines, and long-term outcomes for high-dose rate brachytherapy.
- Be familiar with the relevant CT, ultrasound, and MRI anatomy as it relates to prostate brachytherapy.
- Understand contouring methods and the operation of common prostate brachytherapy planning software.

LEARNING OBJECTIVES GYNECOLOGIC SCHOOL:

- Evaluate the radiologic anatomy of the female pelvis.
- Learn and apply the GEC-ESTRO guidelines for image-based brachytherapy for cervical cancer.
- Receive instruction in a contouring workshop for 3-D image-based brachytherapy for cervical cancer.
- Review treatment planning methodologies based on image-guidance.
- Define tandem based brachytherapy for cervical carcinoma including LDR, PDR, and HDR techniques.
- Evaluate dose specification for cervical cancers.
- Review the management of vaginal cancers with both intracavitary and interstitial brachytherapy.
- Compare endometrial cancer management including adjuvant vaginal brachytherapy, interstitial brachytherapy for recurrent disease, and intracavitary brachytherapy for inoperable disease.
- Examine complications of gynecologic radiation therapy and their management.

INVITED FACULTY

Invited Faculty ABS Prostate Brachytherapy School

Wayne M. Butler, PhD

Schiffler Cancer Center
Wheeling Hospital

Mark K. Buyyounouski, MD, MS

Fox Chase Cancer Center

William J. Catalona, MD

Northwestern University
Memorial Hospital

Juanita M. Crook, MD

Cancer Center for the
Southern Interior

Brian Davis, MD, PhD

Mayo Clinic

Steven J. Frank, MD

MD Anderson Cancer Center

Michel Ghilezan, MD, PhD

21st Century Oncology

Robert Laing, MD

Royal Surrey County Hospital
Guildford, UK

Brian J. Moran, MD

Chicago Prostate Cancer Center

Ajay Nehra, MD

Rush Presbyterian Medical School

Bradley R. Prestidge, MD, MS

Memorial Hermann
Southwest Hospital

Mark J. Rivard, PhD

Tufts Medical Center

Richard G. Stock, MD

Mt. Sinai Medical Center

Nelson N. Stone, MD

Mt. Sinai School of Medicine

Josh Yamada, MD

Memorial Sloan-Kettering
Cancer Center

Invited Faculty ABS Gynecologic Brachytherapy School

Manjeet Chadha, MD

Beth Israel Medical Center

Antonio Damato, PhD

Dana-Farber Brigham
and Women's Cancer Care

Patricia J. Eifel, MD

MD Anderson Cancer Center

Beth A. Erickson, MD

Medical College of Wisconsin

Mark Hohenwarter, MD

Medical College of Wisconsin

Lilie L. Lin, MD

University of Pennsylvania

Jason Rownd, MS

Medical College of Wisconsin

William Small, Jr., MD

Northwestern University

Julie K. Schwarz, MD, PhD

Washington University
School of Medicine

Kari Tanderup, PhD

Aarhus University Hospital
Aarhus, Denmark

Akila Viswanathan, MD, MPH

Dana-Farber Brigham
and Women's Cancer Care

Catheryn M. Yashar, MD

University of California San Diego

PROSTATE BRACHYTHERAPY

Friday, July 20, 2012

7:00 – 7:45 am Registration, Breakfast, and Exhibit Time

7:50 – 8:10 am **Introduction to Prostate Brachytherapy School:
Brief Update of the Philadelphia VA Experience and the NRC**
Brian J. Davis, MD, PhD

Starting A Brachytherapy Practice
Moderator: Steven J. Frank, MD

8:10 – 8:30 am **LDR Brachytherapy:**
Personal Experience (1989–2012) and Checklists for the Startup Practice
Brad R. Prestidge, MD

8:30 – 8:50 am **HDR Brachytherapy**
Michel I. Ghilezan, MD, PhD

8:50 – 9:10 am **Physics: Commissioning and Quality Assurance**
Wayne M. Butler, PhD

9:10 – 9:30 am **Training and Proctoring in International Venues: A Urologist's Perspective**
Nelson N. Stone, MD

9:30 – 9:50 am **Resident Physician Training at MD Anderson Cancer Center**
Steven J. Frank, MD

9:50 – 10:20 am Break

LDR Guidelines and Practice Update
Moderator: Bradley R. Prestidge, MD

10:20 – 10:40 am **2012 Update of ABS Permanent Prostate Brachytherapy Guidelines**
Brian J. Davis, MD, PhD

10:40 – 11:00 pm **Brachytherapy Alone or in Combination with External Beam Radiotherapy for
Intermediate Risk Prostate Cancer**
Steven J. Frank, MD

11:00 – 11:30 pm **Survey of Brachytherapy Practice Patterns:
Combination Therapy with Androgen Deprivation**
Mark K. Buyyounouski, MD, MS

11:30 – 11:45 pm Question and Answer: Panel Discussion

11:45 – 1:00 pm Lunch

Quality Assurance, Commissioning, and Prostate Brachytherapy

1:00 – 1:20 pm **AAPM Guidelines for Quality Assurance in Prostate Brachytherapy**
Mark J. Rivard, PhD

LDR Techniques
Moderator: Nelson N. Stone, MD

1:20 – 1:40 pm **4D Brachytherapy in the UK**
Robert W. Laing, MD

1:40 – 2:00 pm **Mick Applicator and Intraoperative Planning**
Richard G. Stock, MD

2:00 – 2:20 pm **The Robust Dosimetry of Wide Margins and Hybrid Planning**
Wayne M. Butler, PhD

2:20 – 2:40 pm **LDR at a High-Volume Outpatient Center**
Brian J. Moran, MD

2:40 – 3:10 pm Break

Brachytherapy and Clinical Trial Updates

3:10 – 3:30 pm	RTOG Clinical Trials in Prostate Brachytherapy <i>Bradley R. Prestidge, MD</i>		
3:30 – 3:50 pm	Brachytherapy vs Surgery: The ACOSOG SPIRIT Trial <i>Juanita M. Crook, MD</i>		
	Special Session <i>Moderator: Brian J. Davis, MD, PhD</i>		
3:50 – 4:10 pm	AUA Guidelines on Erectile Dysfunction: Application to Prostate Brachytherapy <i>Guest Speaker: Ajay Nehra, MD, Rush Presbyterian Medical School</i>		
4:10 – 4:40 pm	A Perspective of Active Surveillance in Localized Prostate Cancer <i>Guest Speaker: William J. Catalona, MD, Northwestern University Memorial Hospital</i>		
4:45 – 5:30 pm	Panel Discussion <i>William J. Catalona, MD</i> <i>Juanita M. Crook, MD</i>	<i>Steven J. Frank, MD</i> <i>Bradley R. Prestidge, MD</i> <i>Robert W. Laing, MD</i>	<i>Ajay Nehra, MD</i> <i>Nelson N. Stone, MD</i> <i>Josh Yamada, MD</i>
5:30 pm	Adjourn		

Saturday, July 21, 2012

7:30 – 8:00 am	Registration, Breakfast, and Vendor Exhibit		
	Self-Assessment Module (SAM)*		
8:00 – 9:30 am	HDR Brachytherapy: Techniques, Guidelines, and Long-term Outcomes <i>Josh Yamada, MD and Juanita M. Crook, MD</i>		
9:30 – 10:00 am	Break		
	Challenging Cases: Faculty and Audience Provided Cases <i>Moderator: Mark K. Buyyounouski, MD, MS</i>		
10:00 – 11:30 am	Panel Discussion <i>Wayne M. Butler, PhD</i> <i>Brian J. Davis, MD, PhD</i>	<i>Robert W. Laing, MD</i> <i>Brian J. Moran, MD</i> <i>Richard G. Stock, MD</i>	<i>Nelson N. Stone, MD</i> <i>Josh Yamada, MD</i>
11:45 – 1:00 pm	Lunch		
	Special Topics in LDR Brachytherapy		
1:00 – 1:20 pm	Salvage Brachytherapy: Patient Selection and Outcomes <i>Richard G. Stock, MD</i>		
1:20 – 1:40 pm	Long-term Outcomes Following LDR: The Guildford Experience <i>Robert W. Laing, MD</i>		
1:40 – 2:00 pm	Lower Urinary Tract Symptoms (LUTS), TURP, and Prostate Brachytherapy <i>Nelson N. Stone, MD</i>		
2:00 – 2:20 pm	Update on Cs-131 for LDR Brachytherapy <i>Brian J. Moran, MD</i>		
2:20 – 3:00 pm	Break		
	Interactive Prostate Contouring <i>Laptop Planning Computers Provided by Varian and Elekta</i> <i>Moderator: Juanita M. Crook, MD</i>		
3:00 – 3:15 pm	CT, US, and MRI Anatomy for Prostate Brachytherapy Planning <i>Juanita M. Crook, MD</i>		
3:15 – 5:00 pm	Audience Participation <i>Mark K. Buyyounouski, MD, MS</i> <i>Brian J. Davis, MD, PhD</i>	<i>Michel I. Ghilezan, MD, PhD</i> <i>Steven J. Frank, MD</i>	<i>Mark J. Rivard, PhD</i> <i>Wayne M. Butler, PhD</i>
5:00 pm	Adjourn		

Topic, times, and speakers subject to change. The views expressed by speakers are not necessarily the views of the American Brachytherapy Society.

**This Self-Assessment Module (SAM) will not be given for credit at the meeting. It will be uploaded after the meeting onto the ASTRO website where 10 questions related to this lecture will be available and one SAM module credit may be obtained for a fee*

GYN BRACHYTHERAPY

Sunday, July 22, 2012: Cervical Cancer Contouring Workshop

7:30 – 8:00 am	Continental Breakfast
8:00 – 8:05 am	Welcome to Course <i>Akila Viswanathan, MD, MPH</i>
8:05 – 8:35 am	Review of Radiologic Anatomy of the Female Pelvis <i>Mark Hohenwalter, MD</i>
8:35 – 8:40 am	Questions
8:40 – 9:10 am	Tandem–Based HDR Brachytherapy for Cervical Cancer Applicator Selection and Insertion Techniques <i>Akila Viswanathan, MD</i>
9:10 – 9:15 am	Questions
9:15 – 9:45 am	Overview of Target and Organ Delineation in Cervical Cancer Brachytherapy: GEC ESTRO 3–D Recommendations <i>Beth A. Erickson, MD</i>
9:45 – 10:05 am	Coffee break
10:05 – 10:35 am	Clinical and Radiological Case Presentation: Case #1 Tandem and Ring <i>Beth Erickson, MD</i>
10:35 – 11:05 am	Contouring Case #1 <i>All attendees participate in contouring on workstations All faculty assist participants with contouring</i>
11:05 – 11:30 am	Review of Ideal Contours, Case #1 <i>Beth Erickson, MD</i>
11:30 – 12:00 pm	Clinical and Radiological Case Presentation and Contouring <i>Akila Viswanathan, MD</i>
12:00 – 1:00 pm	Lunch
1:00 – 1:30 pm	Review of Ideal Contours, Case #2 <i>Akila Viswanathan, MD</i>
1:30 – 3:00 pm	Dose Specification, Treatment Planning, Safety, and Quality Assurance <i>Beth Erickson, MD Kari Tanderup, PhD Antonio Damato, PhD</i>
3:00 – 3:15 pm	Coffee break
3:15 – 4:15 pm	Interactive Treatment Planning Cases and EQD2 Calculations <i>Jason Rownd, MS Kari Tanderup, PhD</i>
4:15 – 4:30 pm	Questions
4:30 – 5:15 pm	Cervical Cancer Dose Specification: Historical Perspective <i>Patricia Eifel, MD</i>
5:30 pm	Welcome Reception

Monday, July 23, 2012

7:30 – 8:00 am Continental Breakfast

Endometrial Cancer

8:00 – 8:45 am **Vaginal Brachytherapy Rational and Insertion Techniques**
Manjeet Chadha, MD

8:45 – 9:15 am **Vaginal Cylinder Dose Specification**
Antonio Damato, PhD

9:15 – 10:15 am **Advanced and Inoperable Endometrial Cancer**
Cathryn Yashar, MD

10:15 – 10:30 am Coffee Break

PET

10:30 – 11:00 am **The Use of PET Imaging in Gynecologic Malignancies**
Julie Schwarz, MD, PhD

Vaginal Cancer

11:00 – 12:00 pm **Indications, Brachytherapy Insertion Techniques, and Dose Specification**
Patricia Eifel, MD

12:00 – 1:00 pm Lunch

1:00 – 1:45 pm **Interstitial Brachytherapy for Gynecologic Cancer: 3D Image-based Interstitial Therapy**
Akila Viswanathan, MD

1:45 – 2:30 pm **Interstitial Brachytherapy: Treatment Planning for HDR and LDR**
Antonio Damato, PhD

2:30 – 2:45 pm Coffee Break

Complications

2:45 – 3:15 pm **Complications of Gynecologic Radiation Therapy and Their Management**
Lilie Lin, MD

Vulvar Cancer

3:15 – 4:15 pm **Advances in Vulvar Cancer**
Bill Small, MD

Topic, times, and speakers subject to change. The views expressed by speakers are not necessarily the views of the American Brachytherapy Society.



REGISTRATION FORM

CONFERENCE REGISTRATION QUESTIONS?

Call: 703.437.4377, ext. 4085, 4070, or 4071

COMPLETE THIS FORM AND RETURN WITH PAYMENT (IN U.S. FUNDS).

Please print clearly and list name(s) as you would like them to appear on your badge.

NAME

INSTITUTION

GUEST (if applicable)

STREET

CITY

STATE

ZIP

COUNTRY

E-MAIL

DAYTIME PHONE

FAX

Cancellation Policy

Cancellations must be in writing and received by July 6, 2012, at the ABS National Office. Cancellations or no-shows received after this date will be charged the full registration fee. Paid registration fees can be applied to a future ABS educational event (School or Annual Meeting).

Other

ADA: Please check here if under the Americans with Disabilities Act, you may require special accommodations or services in order to attend. You will be contacted by ABS.

I have special dietary needs for lunch (*please list*):

Payment

Please indicate method of payment (*make all checks payable to ABS*):

Check (enclosed) VISA MasterCard American Express Total Amount: \$ _____

For multiple attendees from the same employer, you may deduct \$50 from the second and subsequent registration(s).

Total amount to be paid by check or charged to credit card: \$ _____

NAME ON CARD

CREDIT CARD NUMBER

EXPIRATION DATE (MM/YY)

SIGNATURE

REGISTRATION FEES AND INFO ON BACK

3 EASY WAYS TO REGISTER!

ONLINE

www.americanbrachytherapy.org

BY FAX

(credit cards only)

Fax: 703.435.4390

BY MAIL

Send Registration and
Conference Payment to:
Wachovia Bank / ABS
P.O. Box 758956
Baltimore, MD 21275-8956

2012 Prostate and Gynecologic Brachytherapy Schools Meeting Registration Fees

PROSTATE SCHOOL	BEFORE JUNE 29	AFTER JUNE 29
ABS Member	\$750	\$800
Nurses and Dosimetrists	\$650	\$700
Non-Member	\$1,000	\$1,050
*ABS Resident or Student Member	(no registration fee)	
Contouring Only (Saturday)	\$750	\$800
Guest (all meals)	\$100	\$150
GYN SCHOOL		
ABS Member	\$750	\$800
Nurses and Dosimetrists	\$650	\$700
Non-Member	\$1,000	\$1,050
*ABS Medical Resident or Student Member	(no registration fee)	
Contouring Only (Sunday)	\$750	\$800
Guest (all meals)	\$100	\$150
PROSTATE & GYN SCHOOL		
ABS Member	\$1,200	\$1,250
Nurses and Dosimetrists	\$1,000	\$1,050
Non-Member	\$1,300	\$1,350
*ABS Resident or Student Member	(no registration fee)	
Resident or Student Non-Member	\$100 / day	\$150 / day
	Circle one: (Friday / Saturday / Sunday / Monday)	
Contouring Only (Saturday and Sunday)	\$900	\$950
Guest (all meals)	\$200	\$250

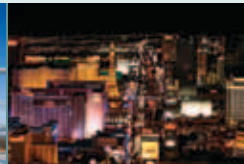
*Membership for Residents and Students (PhD, Postdoctoral, Masters, and Graduate) is free and an application is available at www.americanbrachytherapy.org.

FUTURE ABS MEETINGS

The American Brachytherapy Society (ABS)

Invites You to Join Our Association

The American Brachytherapy Society was founded in 1978 to provide insight, rationale, and research into the use of brachytherapy in the treatment of both malignant and benign conditions. The organization consists of physicians, physicists, and other health care professionals interested in brachytherapy. The purpose of the ABS is to serve its members by advancing the field of brachytherapy, by promoting excellence in education, research and clinical practice, and by representing brachytherapy specialists and their patients. For more information on the ABS and a membership application, visit www.americanbrachytherapy.org.



**2012 World Congress
of Brachytherapy**
May 10–12, 2012
Barcelona, Spain

**2012 ABS
Summer Schools**
Prostate (20/21)
& Gyn (22/23)
July 20–23, 2012
Westin Chicago
North River
Chicago, IL

**2012 ABS Breast
Brachytherapy School**
Sept 13–14, 2012
Mandarin Oriental
Las Vegas, NV

**2013 ABS
Annual Meeting**
April 18–20, 2013
Hyatt Regency
New Orleans
New Orleans, LA



ABS Platinum Level Sponsors



American Brachytherapy Society
12100 Sunset Hills Road Suite 130 Reston, VA 20190
P 703.234.4078 F 703.435.4390 www.americanbrachytherapy.org



American
Brachytherapy
Society

ABS National Office
12100 Sunset Hills Road, Suite 130
Reston, VA 20190
tel: 703.234.4078, ext. 4071, 4085, or 4070
fax: 703.435.4390
www.americanbrachytherapy.org

PRESORTED
FIRST CLASS MAIL
U.S. POSTAGE
PAID
LAUREL, MD
PERMIT NO. 6326

