

ABS 2012 Winter School

MARCH 16-17

QUALITY ASSURANCE IN
LDR & HDR BRACHYTHERAPY

Pointe Hilton Tapatio Cliffs Resort
Phoenix, AZ



American
Brachytherapy
Society

AN INVITATION TO JOIN US

Dear Colleagues,

We would like to invite you to join us in beautiful Phoenix for the second American Brachytherapy Society School on Quality Assurance for Brachytherapy. This meeting is scheduled for Friday and Saturday, March 16th and 17th, 2012. We will cover topics that will help you maintain a successful brachytherapy program, including practical commissioning and quality assurance tips. Additionally, specific anatomical areas (breast, prostate, and GYN) will be addressed in detail by a panel of experts. The meeting will be held at the Pointe Hilton Tapatio Cliffs Resort.

Please join us for a great time and invaluable take-home knowledge to apply to your current brachytherapy program. This meeting will offer CME and has applied to CMAPEP for the approval of this activity for 17.18 MPCEC hours, and is recommended to all individuals involved in the implementation and execution of a brachytherapy program. Exhibitors will also be present at our meeting, with ample time provided for attendees to view their particular products.

Sincerely,

Zoubir Ouhib, MS, Program Chair
Lynn Cancer Institute
Boca Raton Regional Hospital

LEARNING OBJECTIVES

The 2012 ABS Winter School on Quality Management in Brachytherapy will allow participants to:

1. Learn how to commission the treatment planning system, including the limitations of the systems.
2. Analyze the implications of the introduction of new features such as heterogeneity and radiobiology.
3. Implement a quality management program in brachytherapy for breast, prostate and GYN.
4. Prepare plan evaluation using the appropriate tools.
5. Review the current In-vivo dosimetry for site specific applications.

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 quality assurance issues in this specific medical specialty.



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Zoubir Ouhib, MS
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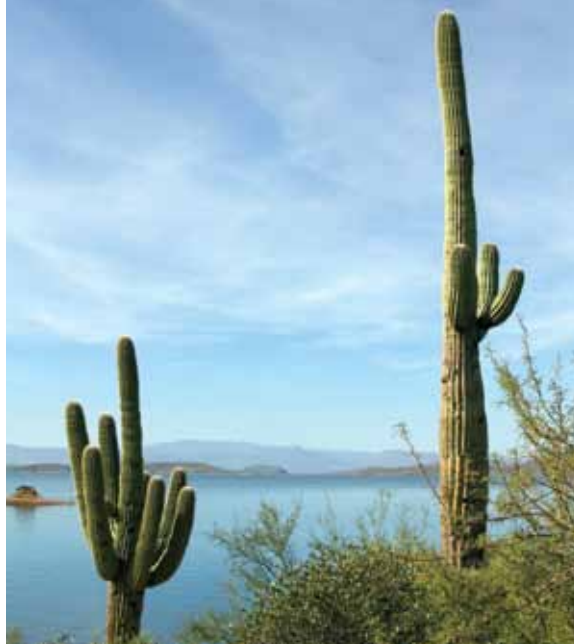
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Nelson Neal Stone, MD
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Department of
Radiation Oncology
Virginia Commonwealth
University
Health System
Medical College of Virginia

Akila Viswanathan, MD, MPH
Harvard Medical School
Brigham and Women's Hospital
Dana Farber Cancer Institute



GENERAL INFORMATION

ACCREDITATION & 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 **14 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. 1.4 CEUs will be awarded and recorded with the University.

This program has applied to CAMPEP for the approval of this activity for 17.18 MPCEC Hours and application will also be made for MDCB credits for the ABS 2012 Winter School.

RESORT ACCOMMODATIONS AT THE POINTE HILTON TAPATIO CLIFFS

To ensure accommodations, please contact the Pointe Hilton at 1.800.876.4683 and remember to identify yourself as an ABS attendee. The deadline for reservations is February 13, 2012. The room rate for the ABS meeting is \$185 single/double. The hotel is located at 1111 North 7th Street. You may also book your room online at the ABS website, www.americanbrachytherapy.org. The resort is located 25 minutes from Phoenix Sky Harbor International Airport.

AIRLINE RESERVATIONS

For airline and flight options, you may contact World Travel in Washington, DC, at 202.728.4040.

You may fly into Phoenix Sky Harbor International Airport (approximately 15 miles from hotel).

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

Meeting Registration Deadline: **February 24, 2012**

Hotel Reservation Deadline: **February 13, 2012**

Meeting Cancellation Deadline: **February 29, 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.

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.

Make plans now to attend the 2012 World Congress of Brachytherapy in Barcelona, Spain, May 10–12, hosted by GEC-ESTRO.

Visit the ABS website at www.americanbrachytherapy.org

2012 WINTER SCHOOL AGENDA

THURSDAY, MARCH 15

3:00–6:30 p.m. **Registration**

FRIDAY, MARCH 16

7:00 a.m. **Registration, Breakfast,
& Exhibitor Time**

7:45 a.m. **Welcome Address**
Zoubir Ouhib, MS
2012 Winter School Chairman

8:00 a.m. **Medical Events in
Brachytherapy:**

- Issues with Medical Event Definition
- Update on Possible Future Definition of Medical Events (ASTRO/ABS/AAPM/NRC)
- Q and A
Zoubir Ouhib, MS
Wayne Butler, PhD
Brian Davis, MD, PhD
Bruce Thomadsen, PhD

9:00 a.m. **Techniques for Quality
Treatments, I:**

- Methods For Determining Quality Management In Brachytherapy
Bruce Thomadsen, PhD

**Techniques for Quality
Treatments, II:**

- Methods And Tips For Maintaining Quality In Brachytherapy
Bruce Thomadsen, PhD

Q&A

9:50 a.m. **Coffee Break & Exhibitor Time**

10:15 a.m. **Uncertainties in Brachytherapy
(LDR and HDR)**
Larry DeWerd, PhD, FAAPM

10:40 a.m. **Quality Management for HDR, I:**

- Commissioning , Q.A. Forms (daily, source exchange, annual)
Mark Rivard, PhD, FAAPM

11:05 a.m. **Quality Management
for HDR, II:**

- Calibration and Q.A. Forms
Larry DeWerd, PhD, FAAPM

11:30 a.m. **Commissioning TPS for
Brachytherapy**

- QM for the Ultrasound Unit (TG-128)
- Q.A. Forms
Bruce Thomadsen, PhD

Noon **Lunch (provided) followed with
coffee and desserts in Exhibit
Room**

1:00 p.m. **Commissioning Brachytherapy
Treatment Planning Systems,
Part I:**

- Contouring Accuracy, Image Input and Verification, Reconstruction Errors
Firas Mourtada, PhD

1:30 p.m. **Commissioning Brachytherapy
Treatment Planning Systems,
Part II:**

- Source Input and Registration Q.A. Forms LDR
Wayne Butler, PhD

2:00 p.m. **Commissioning Brachytherapy
Treatment Planning Systems,
Part III:**

- Tg43 Based Calculation Validation
- Heterogeneity Based Calculations And Implication On Prescription Q.A. Forms
Luc Beaulieu, PhD

2:30 p.m. **Coffee Break & Exhibitor Time**

3:00 p.m. **Gynecologic Brachytherapy**

- Gynecologic Cancer Management
Akila Viswanathan, MD, MPH
- Quality Assurance and Q.A. Forms for HDR GYNE
Antonio Damato, PhD

2012 WINTER SCHOOL AGENDA

4:00 p.m. **Treatment Planning for GYN**
Firas Mourtada, PhD
Quality Assurance and Forms LDR
Firas Mourtada, PhD

4:40 p.m. **Q and A for Afternoon Sessions**

5:00–6:00 p.m. **Welcome Reception
& Exhibitor Time**

SATURDAY, MARCH 17

7:00 a.m. **Registration, Breakfast,
& Exhibitor Time**

7:45 a.m. **Announcements**
Zoubir Ouhib, MS

8:00 a.m. **Breast Session**

- **APBI Technique and Devices**
Mark Gittleman, MD
- **Complex Issues in Breast Brachytherapy (Interstitial and Q.A.)**
Robert Kuske, Jr., MD
- **Quality Management for APBI Applicators (MLB, SAVI and ML) and Q.A. Forms for Nucletron**
Mahta McKee, MS, DABR
- **Quality Management for APBI Applicators (MLB, ML and SAVI) and Q.A. Forms for Varian**
Dorin Todor, PhD

10:00 a.m. **Coffee Break & Exhibitor Time**

10:30 a.m. **Eye Applications
Q.A. Forms**
Mark Rivard, PhD

11:00 a.m. **In-Vivo Dosimetry and
Q.A. Forms**
Luc Beaulieu, PhD

11:30 a.m. **Lunch (provided) with coffee and
dessert in Exhibit Room**

1:00 p.m. **Quality Management for
Electronic Brachytherapy
Q.A. Forms**
Mark Rivard, PhD, FAAPM

1:30 p.m. **Prostate Session HDR**

- **Planning Criteria for HDR Brachytherapy: Ranges, Threshold, and Evaluation**
Alvaro Martinez, MD
- **HDR Quality Management Q.A. Forms**
Dorin Todor, PhD

2:45 p.m. **Coffee Break & Exhibitor Time**

3:15 p.m. **Prostate Session LDR**

- **Selection, Calibration, and Preparation for LDR Brachytherapy; Q.A. Forms**
Wayne Butler, PhD
- **How to Achieve a Good Permanent Seed Implant for Prostate Cancer: An Evaluation of Intraoperative Management and Post-operative Care**
Nelson Stone, MD

LDR Session

- **Planning Criteria for LDR Brachytherapy: Ranges, Threshold, and Evaluation**
Brian Davis, MD, PhD
- **Challenging Prostate Cases with Audience Participation**
Wayne Butler, PhD;
Nelson Stone, MD;
Alvaro Martinez, MD;
Brian Davis, MD, PhD;
Dorin Todor, PhD

5:00 p.m. **Meeting adjourns**

The views expressed by speakers are not necessarily the views of the American Brachytherapy Society.

American Brachytherapy Society

Winter School

Pointe Hilton Tapatio Cliffs Resort | Phoenix, AZ

March 16–17 2012

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

Name _____

Spouse/Companion _____

Institution _____

Street _____

City _____ State _____ ZIP _____

Country (if not USA) _____

E-mail _____

Daytime Phone _____ Fax _____

Please check your specialty below:

- | | |
|----------------------------|----------------------------|
| _____ Radiation Oncologist | _____ Postdoctoral Student |
| _____ Medical Physicist | _____ Masters Student |
| _____ Medical Dosimetrist | _____ Graduate Student |
| _____ Medical Resident | _____ Nurse |
| _____ PhD Student | _____ Radiology Vendor |

2012 Winter School Meeting Registration Fees

	Early (before February 24)	Late
ABS Member Physicians	\$400	\$500
Non-Member Physicians	\$500	\$600
Nurses, Medical Physicists, Dosimetrists	\$300	\$400
Medical Resident ABS Member	(no registration fee)	
Medical Resident Non-Member (note Resident membership is free)	\$100	\$150
PhD, Postdoctoral, Masters, and Graduate Students	\$100	\$150
Guest	\$100	\$100

Payment

For multiple attendees from the same employer, you may deduct \$50 from the second (and subsequent) registration(s). (Please make all checks payable to ABS)

Check enclosed made payable to ABS or

Credit Card Payment

MasterCard VISA American Express

Name on Card _____

Card Number _____

Expiration Date _____

Total Amount to be charged \$ _____

Signature _____

REGISTRATION FORM

Three Easy Ways to Register

1. **MAIL** this form, with a check or credit card information to:
Wachovia Bank / ABS
P.O. Box 758956
Baltimore, MD 21275-8956
2. **FAX** this form with credit card information to 703.435.4390
3. **Register online** at www.americanbrachytherapy.org for the School, for School hotel reservations, and to join the ABS

Registration Deadline: February 24, 2012

Cancellation Policy

Cancellations must be in writing and received by February 29, 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.

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.

Special Dietary Note: Please check here if you have any special dietary requests. Note: _____



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