Breast MR Imaging and Spectroscopy 2010
October 1–3, 2010
BRIGHAM AND WOMEN’S HOSPITAL
BOSTON, MA

Directors
ROBYN L. BIRDWELL, MD; CAROLYN MOUNTFORD, DPHIL; ALEXANDER P. LIN, PHD

offered by
BRIGHAM AND WOMEN’S HOSPITAL
Department of Radiology

Course Overview:
More and more clinicians have discovered the advantages of MR Mammmography (MRI) since its clinical introduction 26 years ago. MRI is used in clinical practice with a steady growing frequency. However, many still describe a “high sensitivity but a low specificity,” which is incorrect. Achieving high quality isn’t an easy task; a lot of lessons have to be learned and extensive training is needed for both data acquisition and interpretation. Therefore, we will present state-of-the-art MRI imaging and spectroscopy of the breast and practical training that will allow physicians to improve their diagnostic ability.

Course Goals and Objectives:
State-of-the-art contrast enhanced breast MRI and MRS will be presented as the core program. The technology behind the protocols will be discussed as will the hardware necessary to collect reproducible diagnostic data. The diagnostic paradigms for benign, DCIS, malignant, and post therapy and mastectomy will be discussed. Newly developed protocols such as Diffusion Weighted Imaging will be presented. In addition to the presenters, the BWH MR physicists will be part of the faculty to answer questions.

This course will have the faculty present to cover basic education in the field as well as state-of-the-art and cutting edge protocols, data handling, and interpretation. Finally, how MR is perceived and needed improvements in patient management will be discussed by the breast surgeons, pathologists, and clinical researchers.

Attendance Limited
Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Harvard Medical School designates this educational activity for a maximum of 13 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of the participation in the activity.

REGISTRATION INFORMATION:
Tuition Fee - $950 (USD), Reduced Fee for Residents/Fellows in Training (a letter of verification from the Department Chair must accompany the registration form for a reduced fee) and Allied Health Professionals - $450 (USD). All foreign payments must be made by a draft on a United States bank. If paying by check, make it payable to Harvard Medical School and mail with the completed registration form to: Harvard Medical School Department of Continuing Education, P.O. Box 825, Boston, MA 02117-0825. If paying by credit card, please register online at www.cme.hms.harvard.edu/courses/BreastMRImaging. Telephone, fax, or mail-in registration with credit card payment is not accepted. Inquiries should be directed to the above address, made by phone: (617) 384-8600, Monday–Friday, 9 a.m. to 4 p.m. (EST), or by e-mail: hms-cme@hms.harvard.edu. Upon receipt of your registration form an email confirmation from the HMS-DCE office will be sent to you. Therefore, be sure to include an email address that you check daily/frequently. Your email address is used for critical information about the course including; registration confirmation, course evaluation and certificate.

Please Note: Program changes/substitutes may be made without notice.

ONLINE INFORMATION: To register or view course information online, visit our home page: www.cme.hms.harvard.edu/courses/BreastMRImaging. To ensure proper registration, please add the first three characters of the source code found at the bottom of the registration form.

REFUND POLICY:
A handling fee of $60 is deducted for cancellation. Refund requests must be received by mail or fax one week prior to the course. No refunds will be made thereafter.

TRAVEL:
Please note: Program changes/substitutes may be made without notice.

TRAVEL:
Please do not make non-refundable airline reservations until your enrollment in the course has been confirmed. You can make your airline reservation by calling the HMS Travel Desk toll free at 1(877) 4-HARVMD (1-877-442-7863), Monday – Friday, 9 a.m. – 8 p.m. (EST). From outside the U.S., Canada, and Virgin Islands, please call (617) 559-3764.

HARVARD MEDICAL SCHOOL
DEPARTMENT OF CONTINUING EDUCATION

Breast MR Imaging and Spectroscopy 2010
October 1–3, 2010
Physicians: $950.00
Residents/Fellows in Training and Allied Health Professionals: $450.00

Check enclosed Please make your check payable to Harvard Medical School and mail it with this registration form to:
Harvard Medical School-Department of Continuing Education, P.O. Box 825, Boston, MA 02117-0825

Please Print Clearly
Name __________________________________________________________________________
First Middle Initial Last

Mailing Address __________________________________________________________________________
Street __________________________________________________________________________
City State Zip Code

Daytime Phone (_____) Fax Number (_____)

Please note: Your email address is used for critical information about the course including; registration confirmation, course evaluation and certificate. Please be sure to include an email address you check daily or frequently.

E-Mail Address __________________________________________________________________________

Professional School Attended __________________________________________________________________________ Year of Graduation

Please check if you wish to be excluded from receiving email notices of future HMS-DCE programs.

Profession __________________________ Organization Affiliation __________________________

Primary Specialty (Physicians Only) __________________________ Board Certified: Yes □ No □

* A letter of verification from Department Chair must accompany the registration form for a reduced fee.

Registrations paid by credit card may be made online at:
www.cme.hms.harvard.edu/courses/BreastMRImaging

Online Registrants. Add the first three characters of the source code found here □ Source Code: WEB
Friday, October 1 (Bornstein Family Amphitheater)

Afternoon

1:30 – 1:45  Registration
1:45 – 2:00  Welcome and Program Overview ................................................................. Carolyn Mountford, DPhil
2:00 – 2:30  A Surgeons Perspective ................................................................................. Mehran Golshan, MD
3:00 – 4:00  Benign Lesions ......................................................................................... Werner Kaiser, MD
4:00 – 5:00  Breast Coils Present Past and Future ......................................................... Larry Wald, PhD
5:00 – 6:00  Malignant Lesions ...................................................................................... Werner Kaiser, MD
7:00  Conference Dinner

Saturday, October 2 (Bornstein Family Amphitheater)

Morning

8:00 – 8:30  Continental Breakfast
8:30 – 9:30  Treatment Regimes and What the Oncologist Wants to Know .................... J. Dirk Iglehart, MD
9:30 – 10:30  Scars ........................................................................................................... Werner Kaiser, MD
10:30 – 11:00 Coffee Break
11:00 – 12:00 Implants and Hormone Effects ................................................................. Werner Kaiser, MD
Afternoon

12:00 – 1:00  Box Lunch
1:00 – 2:00  Molecular Imaging and What it Holds for the Future ............................... Robyn L. Birdwell, MD
2:00 – 2:30  Chemistry of the Breast from Tumor Development to Progression .......... Carolyn Mountford, DPhil
2:30 – 3:00  In Vivo Spectroscopy “Practical Guide” ....................................................... Peter Stanwell, PhD, RT
3:00 – 3:30  Pulse Sequences: Europe Differs from the U.S.A. How? ......................... Werner Kaiser, MD
3:30 – 4:00  Afternoon Tea
4:00 – 5:00  Training on Workstations (optional)

Sunday, October 3 (Bornstein Family Amphitheater)

Morning

7:30 – 8:00  Continental Breakfast
8:00 – 8:45  DWI to Monitor Therapy ........................................................................... Reiko Woodhams, MD, PhD
8:45 – 9:45  DCIS ............................................................................................................ Werner Kaiser, MD
9:45 – 10:15 Coffee Break
10:15 – 11:00 A Pathologist’s Perspective of DCIS ...................................................... Laura C. Collins, MBBS
11:00 – 12:00 Round Table

Topic: Scanner Time vs. Protocols We Need to Make a Correct Diagnosis ....... Chair: Robyn L. Birdwell, MD
Faculty: Werner A. Kaiser, MD; Reiko Woodhams, MD, PhD; Sughra Raza, MD; Peter Stanwell, PhD, RT

HARVARD MEDICAL SCHOOL FACULTY

Robyn L. Birdwell, MD: Associate Professor of Radiology, Harvard Medical School; Section Head, Division of Breast Imaging, Department of Radiology, Brigham and Women’s Hospital

Laura C. Collins, MBBS: Associate Professor of Pathology, Harvard Medical School; Associate Director, Pathology, Beth Israel Deaconess Medical Center

Mehran Golshan, MD: Assistant Professor of Surgery, Harvard Medical School; Director of Breast Surgical Services, Dana-Farber/Brigham and Women’s Cancer Center

J. Dirk Iglehart, MD: Anne E. Dyson Professor in Women’s Cancer and Surgery and the Charles A. Dana Senior Investigator in Cancer Genetics, Harvard Medical School; Director of Breast Cancer Program, Dana-Farber Cancer Institute

Werner A. Kaiser, MD: Professor and Chairman, Institute of Diagnostic and Interventional Radiology, Friedrich-Schiller University, Jena, Germany; Visiting Professor of Radiology, Brigham and Women’s Hospital

Carolyn Mountford, DPhil: Visiting Professor of Radiology, Harvard Medical School; Director of Center for Clinical Spectroscopy, Department of Radiology, Brigham and Women’s Hospital

Sughra Raza, MD: Assistant Professor of Radiology, Harvard Medical School; Associate Director of Breast Imaging, Director of Clinical Breast MR, Department of Radiology, Brigham and Women’s Hospital

Peter Stanwell, PhD, RT: Instructor of Radiology, Harvard Medical School; Center for Clinical Spectroscopy, Department of Radiology, Brigham and Women’s Hospital; Associate Professor, University of Newcastle, Newcastle, Australia

Larry Wald, PhD: Associate Professor of Radiology, Harvard Medical School; Director of MGH NMR Core at Martinos Center, Department of Radiology, Massachusetts General Hospital

GUEST FACULTY

Reiko Woodhams, MD, PhD: Assistant Professor, Department of Radiology, Kitasato University School of Medicine, Kanagawa, Japan