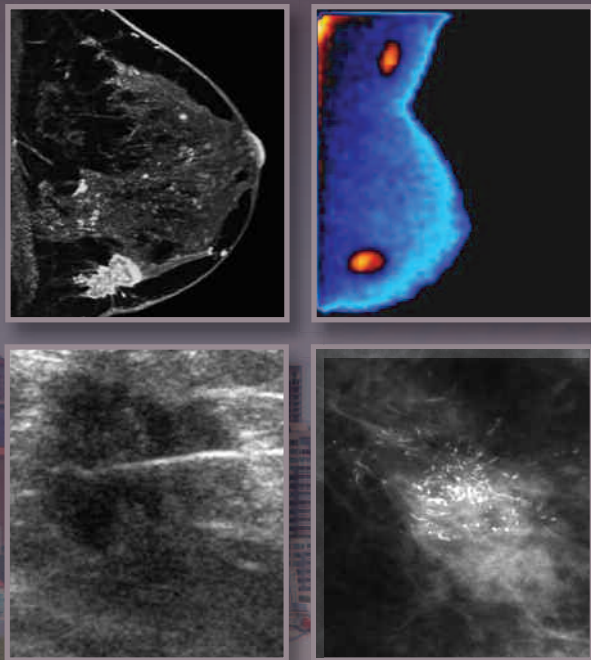


# MULTI-MODALITY IMAGING OF BREAST CANCER:

New Techniques,  
Advanced Diagnosis and Staging

June 2 – 4, 2010  
(Wednesday – Friday)



Bell Harbor Int'l Conference Center  
2211 Alaskan Way, Pier 66 • Seattle, WA

Jointly sponsored by First Hill Diagnostic Imaging  
and The Institute for Medical Studies

## REGISTRATION FORM

June 2 – 4, 2010 | Seattle, Washington  
"Multi-Modality Imaging of Breast Cancer:  
New Techniques, Advanced Diagnosis and Staging"

### Please select program fee:

- Physicians: \$975  
 Sonographers, Technologists,  
Fellows, Nurses, Military: \$575

Name: \_\_\_\_\_

Title/Credentials: \_\_\_\_\_

Specialty: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Phone: \_\_\_\_\_

### Syllabus Format:

- Electronic (complimentary)  Printed (add \$75)

How did you hear about this course? \_\_\_\_\_

## PAYMENT

- Check enclosed.** Payable to FHDI Symposia or

### Credit card:

- Visa  MC  AMEX  Discover  Other

#: \_\_\_\_\_

Exp Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Please mail or fax your registration form with payment  
information to:

FHDI Symposia | Attn: Britt Mennen  
1001 Boylston Avenue | Seattle, WA 98104

**An administrative fee of \$100 will apply to cancellations  
occurring after May 5, 2010.**

## REGISTRATION ONLINE:

To register online please visit us at [www.firsthill.com](http://www.firsthill.com).  
Complete the on-line registration form, print and fax  
it to us at 206-323-6989.

## ACCREDITATION

This activity has been planned and implemented in  
accordance with the Essential Areas and policies of the  
Accreditation Council for Continuing Medical Education  
through the joint sponsorship of The Institute for Medical  
Studies and First Hill Diagnostic Imaging. The Institute  
for Medical Studies is accredited by the ACCME to  
provide continuing medical education for physicians.

## CREDIT HOURS

The Institute for Medical Studies designates this  
educational activity for a maximum of 20.75 category 1  
credits towards the American Medical Association (AMA)  
Physicians Recognition Award. Nurses may claim credit  
for activities approved for AMA PRA Category 1 Credits  
in most states, for up to 50% of the nursing requirement  
for recertification. Category 1 AMA credit is also  
recognized by the AIUM, ASE and SDMS. A maximum  
of 16.0 category A continuing education credits have  
been assigned by the ARRT for attending ASRT  
registered MR Technologists.

## HOTEL INFORMATION

Discover the Seattle Marriott Waterfront, a fabulous hotel  
located in downtown Seattle's most popular waterfront  
district. The Marriott is conveniently located across the  
street from the Bell Harbor Int'l Conference Center.

A group rate is available for a limited number of rooms, so  
make your reservations early! Please reference FHDFHDA.

Cut off date: Tuesday, May 11, 2010

Group Rate: \$159/night

Seattle Marriott Waterfront Reservations:

1-800-455-8254 or 206-443-5000 | [www.marriott.com](http://www.marriott.com)

## ACKNOWLEDGEMENT OF EXHIBITORS

FHDI Symposia gratefully acknowledges **Aurora  
Medical Imaging, Bard, Bayer Healthcare,  
Confirma, Dilon Technologies, Elsevier, Ethicon,  
Hologic, Invivo, Lippincott Williams & Wilkins,  
Luna Medical, Philips, SenoRx, Sentinelle Medical,  
Siemens and SuperSonic Imagine** for making this  
program possible. A special thanks to Swedish  
Medical Center for their continued support.

## FOR MORE INFORMATION

Phone: (206) 329-0304

Fax: (206) 323-6989

[bmennen@firsthill.com](mailto:bmennen@firsthill.com)

[www.firsthill.com](http://www.firsthill.com)

## EXPLORE SEATTLE IN JUNE!

Seattle is a perfect destination because there are so many  
things to do. Whether you want to hit the touristy spots of  
Seattle like Pike Place Market and the Space Needle or  
are looking for off-the-beaten-track places like the Seattle  
Museum of Glass or Tillicum Village, you'll find helpful tips  
in the suggested attractions below:

**The Space Needle | 400 Broad St. 206.905.2100 |  
[www.spaceneedle.com](http://www.spaceneedle.com)**

A 41-second elevator ride takes you up 520 feet to the  
observation deck of the Space Needle, built for the 1962  
World's Fair. Enjoy a meal at SkyCity, the restaurant at the  
top that revolves 360° while you dine.

**Pike Place Market | Between First Ave. and Western,  
from Pike to Virginia streets | [www.pikeplacemarket.org](http://www.pikeplacemarket.org)**

Born in 1907, Seattle's Pike Place Market is the grand-  
daddy of farmers' markets. Today, it's a major tourist  
attraction with 200 businesses operating year-round,  
190 craftspeople and 120 farmer booths – plus street  
performers and musicians. Flowers by the bucketful, flying  
fish, fresh pastries and fruit, handmade cheeses, local  
honey, wine, an assortment of restaurants, import goods,  
antiques, collectibles and lots of surprises are around  
every corner.

**The Seattle Waterfront | Piers 52 to 70 on Alaskan Way**

A bustling collection of attractions, restaurants and shop-  
ping, as well as starting points for ferries, cruise ships, the  
Victoria Clipper and Argosy boat tours are located here.  
Feed the seagulls at the statue of Ivar Haglund in front  
of Ivar's Acres of Clams, stroll by the fountains on the  
wooden piers of Waterfront Park, admire the view or shop  
for souvenirs.

**Seattle Aquarium | Pier 59 206.386.4300 |  
[www.seattleaquarium.org](http://www.seattleaquarium.org)**

Meet Alki, the sea otter pup born at the Aquarium. Walk  
under the water in a glass dome as bluntnose sixgill sharks  
and other Elliott Bay creatures swim all around you. Touch  
a sea anemone. Learn about the lives of salmon at the  
world's first aquarium-based salmon ladder. Marvel at the  
impossibly bright-colored coral reef fish. And don't forget  
to wave to the giant Pacific octopus.

**Tillicum Village | Blake Island 206.933.8600 |  
[www.tillicumvillage.com](http://www.tillicumvillage.com)**

A short, narrated cruise takes you to an island village,  
where you'll feast on salmon cooked in the authentic  
Native American way. A stage show of traditional dances  
and stories entertains and teaches you about the people  
who lived in the Northwest first.

## COURSE DESCRIPTION

This course provides an intriguing review of leading edge, multi-modality imaging and pathology of breast cancer. Bringing together recognized world leaders in advanced breast cancer imaging, this conference is intended for Radiologists, Surgeons, Pathologists, Technologists, Sonographers and other professionals with special interest in breast cancer. This course provides opportunities for interaction with the experts and for review of advanced or challenging clinical cases.

At the conclusion, the participant will be able to:

- Identify the Mammographic, MR and Ultrasound patterns of invasive and *in situ* breast cancer using state-of-the-art techniques.
- Discuss the changing roles of imaging for high-risk patients, as well as for advanced diagnosis, MR-guided biopsy and staging of breast cancer.
- Describe the advantages of a multi-modality, intra-disciplinary approach to breast cancer.
- Evaluate the clinical capabilities of MR-CAD, BSGI, Whole-body MR and Positron Emission Tomography and Mammography (PET and PEM).

## WEDNESDAY, JUNE 2, 2010

### 7:15am REGISTRATION / BREAKFAST

7:45 Introductions & Announcements

8:00 The Value of Large Thin and Large Thick Section (3-D) Histology in Understanding the Imaging Finding(s)  
*László Tabár, MD, PhD*

9:00 Sonographic Breast Anatomy, the Basis for Identifying Breast Pathology  
*A. Thomas Stavros, MD, FACR*

9:45 Talking with Patients: Ways to Gain Their Trust  
*Michael N. Linver, MD, FACR*

### 10:30 BREAK

11:00 Ultrasound of Solid Breast Nodules: Current State-of-the-Art  
*A. Thomas Stavros, MD, FACR*

11:45 The Issue of Uni- and Multi-focal Breast Cancer: The Importance of Proper Preoperative Mapping of Disease Extent by Using Multi-modality Approach  
*László Tabár, MD, PhD*

## 12:30pm LUNCH

1:30 Ultrasound of *In Situ* Carcinoma  
*A. Thomas Stavros, MD, FACR*

2:15 PET/PEM Breast Cancer Staging  
*James V. Rogers, MD*

### 3:00 BREAK

3:30 Ultrasound of Regional Lymph Nodes  
*A. Thomas Stavros, MD, FACR*

4:00 Advances in Breast MR  
*Bruce A. Porter, MD, FACR*

4:45 Questions, Answers & Comments

### 5:00pm ADJOURN

5:30pm WELCOME RECEPTION  
*The World Trade Center (across the street; next to the Marriott Hotel)*

## THURSDAY, JUNE 3, 2010

### 7:30am BREAKFAST

8:00 Breast MRI as a Screening Tool  
*Constance D. Lehman, MD, PhD*

9:00 Artifacts in Breast MR imaging and Post-processing  
*Michael S. Middleton, MD*

9:30 MR of Non-Malignant Breast Disorders & Pitfalls  
*Bruce A. Porter, MD, FACR*

### 10:00 BREAK

10:30 A Practical Approach to Image Interpretation with CAD  
*Constance D. Lehman, MD, PhD*

11:15 MR of Lobular Cancer  
*Bruce A. Porter, MD, FACR*

11:45 Breast MRI Utilization: Where is the Line?  
*Michael S. Middleton, MD, PhD*

### 12:30pm LUNCH

1:30 ACR Accreditation Program for Breast MRI: What You Need to Know  
*Constance D. Lehman, MD, PhD*

1:30 NEW! Technologists Break-Out Session: See details to the right.

2:15 MRI Guided Breast Biopsy: Tips & Techniques  
*Constance D. Lehman, MD, PhD*

## 3:00 BREAK

3:30 How Breast MR Changed our Practice: Lessons Learned  
*Michael N. Linver, MD, FACR*

4:15 *In Situ* Carcinoma: A Key Indication for MR  
*Bruce A. Porter, MD, FACR*

### 5:00pm ADJOURN

## FRIDAY, JUNE 4, 2010

### 7:30am BREAKFAST

8:00 Clinical Application of Breast Specific Gamma Imaging  
*Michael N. Linver, MD, FACR*

8:45 BSGI: MR and Clinical Correlation  
*Bruce A. Porter, MD, FACR*

9:30 Ultrasound and Contrast-Enhanced Breast MRI: The Surgeon's Perspective with Q & A  
*J. David Beatty, MD*

### 10:00 BREAK

10:30 MR Staging of Breast Cancer: New Techniques  
*Bruce A. Porter, MD, FACR*

11:15 Short Primer on Advanced Topics in Breast Implant MRI  
*Michael S. Middleton, MD, PhD*

12:00pm **Boxed Lunch** with Questions, Answers & Comments

1:15 Complex Cases Imaged by Using the Multi-Modality Approach and Correlated to Modern Histopathology  
*László Tabár, MD, PhD*

2:15 Case Review: Rapid-Interactive-Interesting!  
*Faculty*

### 4:45pm ADJOURN

## NEW IN 2010!!

**TECHNOLOGIST BREAK-OUT SESSION:**  
Thursday, June 3, 2010 | 1:30pm–3:30pm

Lecture: Breast MRI Technical Considerations

MR Guided Biopsy Workshop

Coil & Device Set-up | Patient Prep & Positioning | Procedure Methods | Targeting Systems | Patient Aftercare

## FACULTY

### PROGRAM CHAIRMAN

**Bruce A. Porter, MD, FACR**

Medical Director, Swedish/First Hill Diagnostic Imaging  
Clinical Associate Professor of Radiology,  
University of Washington, Seattle, Washington

### J. David Beatty, MD

Medical Director, Breast Surgery, Swedish Cancer Institute,  
Seattle, Washington

### Constance D. Lehman MD, PhD

Professor and Vice Chair of Radiology,  
Section Head of Breast Imaging, University of Washington  
Director of Radiology, Seattle Cancer Care Alliance,  
Seattle, Washington

### Michael N. Linver, MD, FACR

Co-Director of Mammography,  
X-Ray Associates of New Mexico, P.C.  
Clinical Professor of Radiology, University of New Mexico,  
Albuquerque, New Mexico

### Michael S. Middleton, MD, PhD

UCSD School of Medicine,  
Magnetic Resonance Institute, San Diego, California

### James V. Rogers, MD

Seattle Nuclear Medicine, Seattle, Washington

### A. Thomas Stavros, MD, FACR

Sutter North Bay Women's Health Center,  
Santa Rosa, California

### László Tabár, MD, PhD

Professor of Radiology,  
University of Uppsala School of Medicine,  
Sweden Medical Director, Department of Mammography,  
Falun Central Hospital, Falun, Sweden