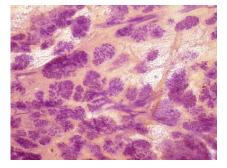
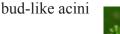


3D image of the breast tissue



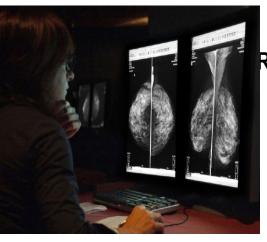


The normal TDLUs have





21 Category I CME credit hours



Mammography Education, Inc. 2016

Combined Multimodality Diagnosis of Breast Diseases and Hands-on Screening Course

- * Screening a mixture of normal and proven abnormal mammograms at high resolution viewing stations.
- * Feedback and discussion of every case by the Faculty.
- * How to minimize call-back rates without missing cancers.
- * Description of further workup of all abnormals guidance to reach the correct diagnosis.

December 14-16, 2016

TORINO, Italy

Centro Congressi Unione Industrialie Via Vela 17, Torino

Faculty

LÁSZLÓ TABÁR, MD, FACR (Hon) Course Director and

ALFONSO FRIGERIO, MD.

Screening Expert

Designed for:

Radiologists • Surgeons • Pathologists • Gynecologists
• Medical and Radiation Oncologists

This course teaches how to find breast cancer in its early stages and how to arrive at the correct diagnosis of breast diseases using the multimodality approach. Implications for treatment.

László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

Course Overview:

- * This Hands-on Breast Imaging course, led by László Tabár, MD, FACR, (Hon) will offer radiologists five hands-on screening sessions when radiologists will read the mammograms of aymptomatic women at high resolution workstations.
- * Normal mammograms will be mixed with proven abnormal cases.
- * During the course the attendees will progressively improve their interpretive expertise, as they learn the full spectrum of normal breast images, with all findings explained with the help of 3-dimensional histology images.
- * These skills will lead to fewer call-backs and greater confidence in reading large number of mammograms.
- * Feedback and discussion of every case by the Faculty after every reading session.
- * Special emphasis will be placed on finding early phase breast cancers.
- * All abnormal cases are fully worked up and the complete imaging workup will be presented in detail, including ultrasound, MRI and large section histopathology.
- * Special sessions will describe the current clinical roles of breast MRI, review the image patterns of malignant breast diseases, correlate the findings with the underlying pathology.
- * Teaching how to characterize breast lesions utilizing multimodality imaging.
- * Attendees will receive a unique present, a pdf copy of Dr. Tabar's PowerPoint presentation of each positive case, including full explanation, mammographic workup/hand-held US, 3D automated US images and breast MRI with large section histologic confirmation.



Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

Program Objectives:

- 1. Learn the full spectrum of normal mammograms through detailed explanation of the mammographic images.
- 2. Progressive improvement of the attendees' interpretive expertise.
- 3. Increase confidence in reading large numbers of full field digital mammograms at lower call-back rates.
- 4. Improve skills in detecting early phase breast cancer at digital mammography screening.
- 5. Greater proficiency in working up screen-detected findings.
- 6. Appreciate the clinical relevance of unifocal/multifocal/diffusely infiltrating breast cancers.
- 7. Emphasize the importance of multimodality approach to workup cases in a multidisciplinary environment.
- 8. Assess the clinical role of breast MRI in patient selection and in improving the detection, diagnosis and treatment of breast diseases.
- 9. Characterize breast lesions utilizing multimodality imaging, breast MRI included. The goal is to accurately and efficiently identify, interpret and report the screening findings.

Attendees interpreting the digital mammography examinations will receive a **Certificate** confirming the actual number of mammographic examinations read under the direct supervision of an interpreting physician.



László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

FACULTY



László Tabár, M.D., F.A.C.R. (Hon).

Course Director

Professor emeritus of Radiology,

Department of Mammography,

Falun, Sweden



Alfonso Frigerio, M.D.

Director of Mammography Screening
Regional Reference Center for
Breast Cancer Screening,
CPO-Piemonte,
AOU Città della Salute e della Scienza,
Torino, Italy





Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

Mammography Education, Inc. is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. Mammography Education, Inc. designed these medical education activities for a maximum of **21 credit hours in Category I** of the Physicians' Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that he / she actually spent in the educational activity.

Comitato Scientifico Organizzativo Italiano

Dott. Alfonso Frigerio, M.D., Ospedale S. Giovanni Battista, **Torino**, Italy e-mail:.alfonso.frigerio@gmail.com

Informazioni per le prenotazioni alberghiere e per I partecipanti italiani

Konicab Congressi srl - Bologna, Italia.

Tel.: (0039) - 051 - 385 328. Fax: (0039) 051-311 350.

English with simultaneous translation to Italian.

Inglese con traduzione simultanea in Italiano (per le lezioni in aula) Il supporto didattico alle workstation sarà disponibile in italiano.

CREDITS

We would like to thank EIZO and Fujfilm for providing the viewing stations and the engineering expertise at this teaching seminar.





László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

1_{st DAY}

Lectures between 9:00 AM and 12:00 for all attendees Break at 10:30 AM

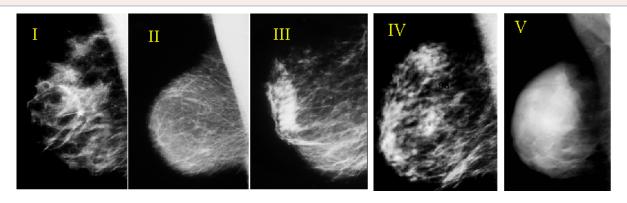
9:00 INTRODUCTION FOLLOWED BY DIDACTIC LECTURES COVERING:

HOW TO READ A MAMMOGRAM? THE BASIS FOR EFFICIENT INTERPRETATION OF THE MAMMOGRAPHIC IMAGE - Tabar L

 Correlative 3-dimensional, subgross anatomy and mammography of the normal breast

MAMMOGRAPHIC PARENCHYMAL PATERNS

• Practical implication, problems and solutions. Mammographic patterns and the risk of developing breast cancer. Understanding the mammograms of dense breasts.



HOW TO FIND THE INVASIVE BREAST CANCER WHEN IT IS STILL SMALL . SCREENING COMBINED WITH AN ANALYTICAL APPROACH FOR THE DIFFERENTIAL DIAGNOSIS OF LESIONS DETECTED AT SCREENING- $\overline{\mbox{Tabar}}$ L

- A systematic method for viewing mammograms.
- Areas on the mammogram where most breast cancers will be found
- Viewing dense breasts
- · Viewing relatively easy-to-read breasts

12:00 - 1:00 PM Lunch



Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

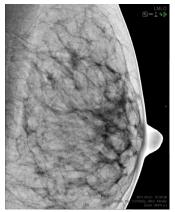
1 st DAY Hands-on screening and didactic lecture series 1:00 PM - 5:00 PM

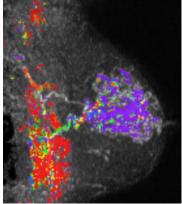
1:00 - 2:15 GROUP 1 HANDS ON SCREENING - Frigerio, A.

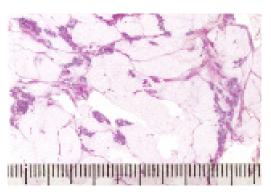
1:00 - 2:15 GROUP 2: The site of origin of the breast cancer influences diagnosis, choice of treatment and patient outcome - L Tabar

Supporting images to the lectures

ANALYSIS of MALIGNANT RADIATING STRUCTURES on the mammogram, originating in the ducts: Non-calcified subgroups. Clinical presentation, mammographic appearance, clinical outcome.







Subtle mammography finding / MRI shows that the entire lobe is filled with a diffuse breast cancer.

ANALYSIS of BENIGN RADIATING STRUCTURES on the mammogram, originating in the ducts: Radial scar

Breaks 2:15 and 3:45

Radial scar





Neoductgenesis

2:30 - 3:45 GROUP 2 HANDS ON SCREENING - Frigerio, A.

2:30 - 3:45 **GROUP 1:** The site of origin of the breast cancer influences diagnosis, choice of treatment and patient outcome - L Tabar

4:00 - 5:00 GROUPS 1& 2: DISCUSSION OF THE SCREENING CASES AND LECTURES OF THE AFTERNOON SESSION

5:00 PM End of Day 1



László Tabár, M.D., F.A.C.R.(Hon) and Alfonso Frigerio, MD

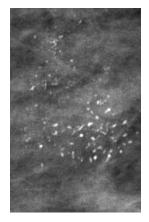
2nd DAY

Hands-on screening and didactic lecture series 8:30-12:00 Breaks: 9:45 and 11:00 AM

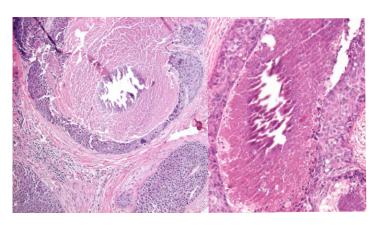
8:30 - 9:45 GROUP 1 HANDS ON SCREENING - Frigerio, A.

8:30 - 9:45 GROUP 2: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS: SCHEME FOR THE ANALYSIS OF MAMMOGRAPHIC CALCIFICATIONS. PART I - Tabar L

Supporting images to the lecture







Mammographic-histologic correlation of crushed stone-like calcifications

10:00 - 11:00 GROUP 2 HANDS ON SCREENING - Frigerio, A.

10:00 - 11:00 GROUP 1: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS: SCHEME FOR THE ANALYSIS OF MAMMOGRAPHIC CALCIFICATIONS. PART I - Tabar L

11:15 - 12:15 GROUPS 1& 2: DISCUSSION OF THE SCREENING CASES AND LECTURES OF THE MORNING SESSION



Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon) and Alfonso Frigerio, MD

2nd DAY Hands-on screening and didactic lecture series 1:30 - 5:00 PM

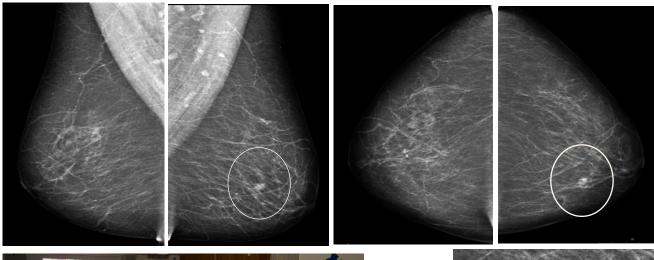
1:30 - 2:30 GROUP 1 HANDS ON SCREENING - Frigerio, A.

1:30 - 2:30 GROUP 2: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS:

ASYMMETRIC DENSITY WITH ARCHITECTURAL DISTORTION. - Tabar L

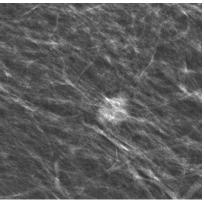
Supporting images to the screening session Bre

Breaks at 2:30 PM and 3:45 PM





Hands-on training in screening



2:45 - 3:45 GROUP 2 HANDS ON SCREENING - Frigerio, A.

2:45 - 3:45 GROUP 1: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS:

ASYMMETRIC DENSITY WITH ARCHITECTURAL DISTORTION. - Tabar L

4:00 - 5:00 GROUPS 1& 2: DISCUSSION OF THE SCREENING CASES AND LECTURES OF THE AFTERNOON SESSION

5:05 ART HISTORY LECTURE: - A FRIGERIO



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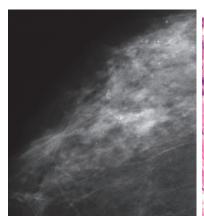
3rd DAY Hands-on screening and didactic lecture series 8:30-12:00 PM

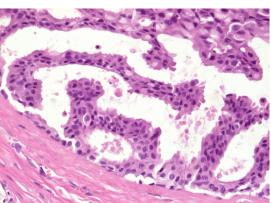
8:30 - 9:30 GROUP 1 HANDS ON SCREENING - Frigerio, A.

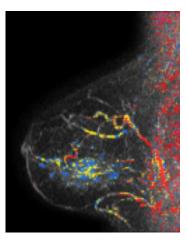
8:30 - 9:30 GROUP 2: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS:

SCHEME FOR THE ANALYSIS OF MAMMOGRAPHIC CALCIFICATIONS. PART III - Tabar L

Supporting images to the lecture







Breaks: 9:30 and 10:45 AM



Imaging-histologic correlation of skipping stone-like calcifications

9:45 - 10:45 GROUP 2 HANDS ON SCREENING - Frigerio, A.

9:45 - 10:45 GROUP 1: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS: SCHEME FOR THE ANALYSIS OF MAMMOGRAPHIC CALCIFICATIONS. PART III - Tabar L

11:00 - 12:00 GROUPS 1& 2: DISCUSSION OF THE SCREENING CASES AND LECTURES OF THE MORNING SESSION

Lunch 12:00 PM - 1:00 PM



Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon) and Alfonso Frigerio, MD

3rd DAY Hands-on screening and didactic lecture series 1:00-4:00

1:00 - 2:00 GROUP 1 HANDS ON SCREENING - Frigerio, A.

1:00 - 2:00 GROUP 2: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS:

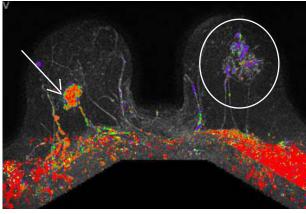
MULTIMODALITY WORKUP OF ASYMMETRIC DENSITIES ON THE MAMMOGRAM - Tabar L

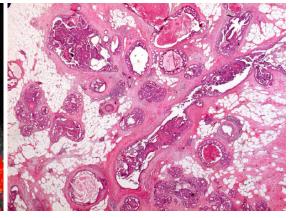
Supporting images to the screening session











Palpable tumor in the right breast. Mammographically occult, MRI detected extensive micropapillary carcinoma *in situ* in the left breast.

2:15 - 3:15 GROUP 2 HANDS ON SCREENING - Frigerio, A.

2:15 - 3:15 GROUP 1: DIDACTIC LECTURE SERIES COVERING THE FOLLOWING TOPICS:

MULTIMODALITY WORKUP OF ASYMMETRIC DENSITIES ON THE MAMMOGRAM - Tabar L

3:30 - 4:00 GROUPS 1& 2: DISCUSSION OF THE SCREENING CASES AND LECTURES OF THE AFTERNOON SESSION

4:00 PM End of the Course

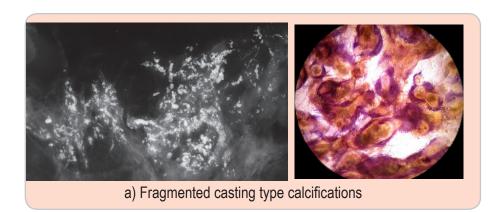


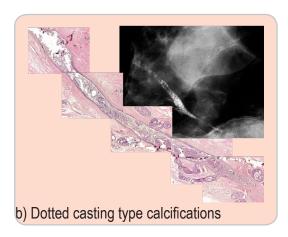
László Tabár, M.D., F.A.C.R.(Hon)

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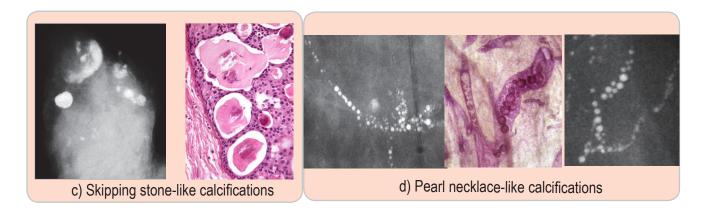
Alfonso Frigerio, MD

Supporting images to the lectures









Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

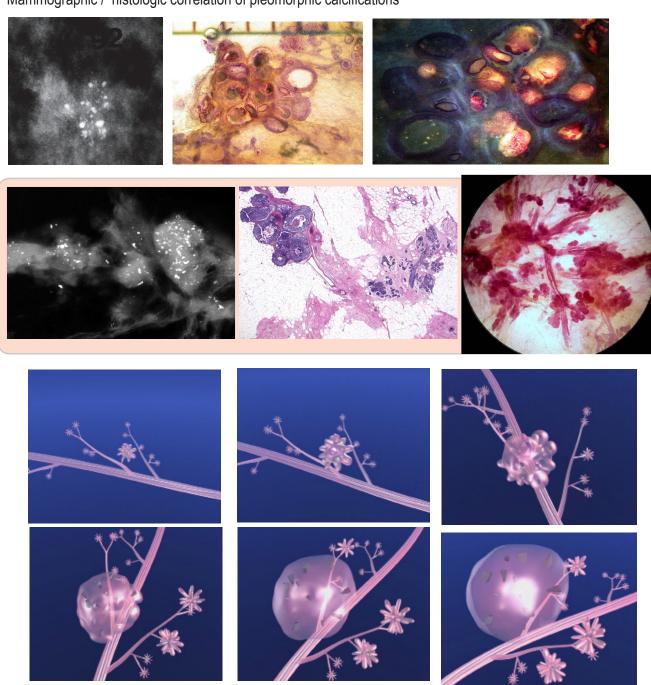
László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio. MD

Supporting images to the lectures

Mammographic / histologic correlation of pleomorphic calcifications



Computer simulation images of the development of Grade 2 *in situ* carcinoma within the TDLU. The lobule becomes gradually distended and deformed. Calcifications are formed within the necrotic debris and are seen on the mammogram as **crushed stone-like calcifications**.



László Tabár, M.D., F.A.C.R.(Hon)

and

Alfonso Frigerio, MD

For more information and registration please contact:

Mammography Education, Inc., 4429 E. Spur Drive CAVE CREEK, AZ 85331, USA. Ms. Donna Sokolik

Phone: (480) 419 0227, Fax: (480) 419 0219, E-mail: info@mammographyed.com

Registration on internet: www.mammographyed.com

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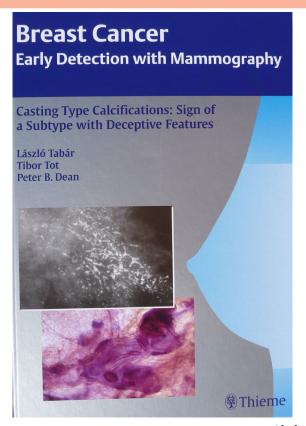
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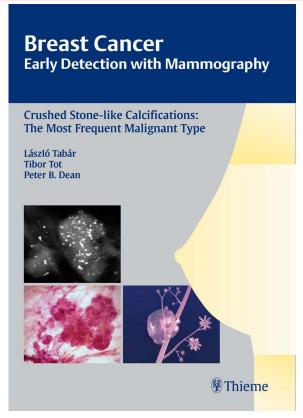


Hands-on training in screening

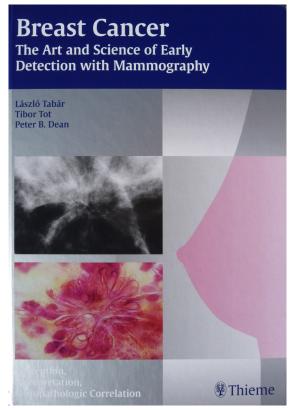
Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

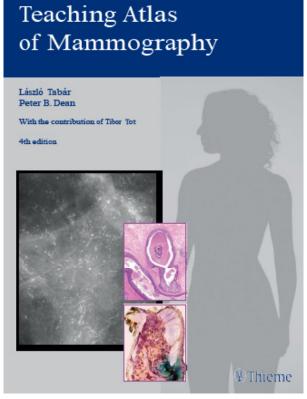
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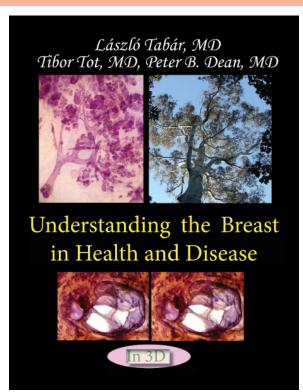


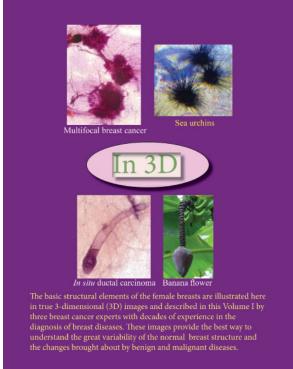




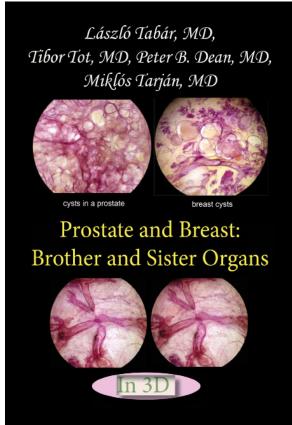
Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

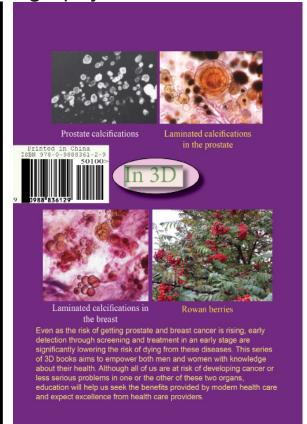
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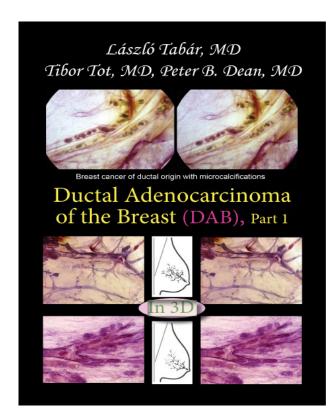


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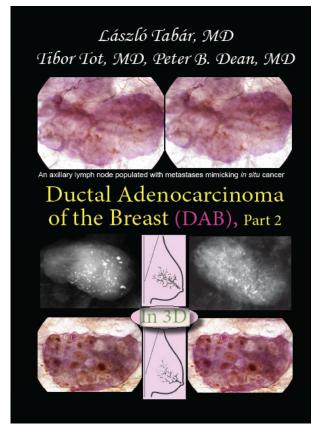


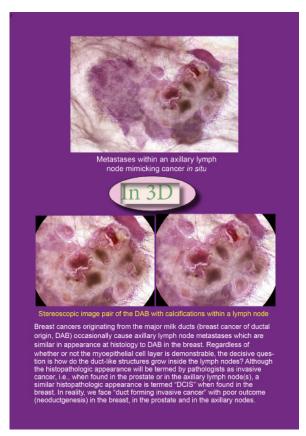


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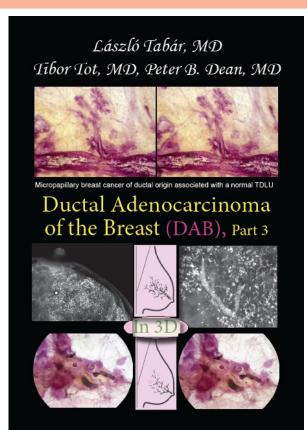




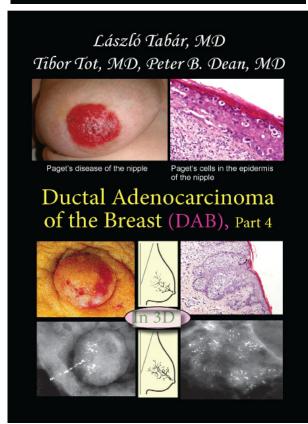


Hands-on screening course combined with Multimodality Diagnosis of Breast Diseases

László Tabár, M.D., F.A.C.R.(Hon) and Alfonso Frigerio, MD









MEI Course Registration Form

Chosen Course (City):

Mammography Education, Inc.

4429 East Spur Drive Cave Creek, Arizona 85331 USA

Tel: +1 (480) 419-0227 **Fax:** +1 (480) 419-0219

Personal Information	Email: info@mammog Web: http://www.mammog	
First Name Initial	Zip/Postal Code	
Last Name	Country 0	
Credentials	Email	
Address	Office Phone	
City	Home/Cell Phone	
State/Province 0	Fax Number	
Professional Information Previously Attended MEI	Courses (year & city)	
Medical Doctor:		
Resident Military Fellow		
Radiologist Surgeon Pathologist Oncolo	gist () Gynecologist () Other:	
Radiology Technologist		
Other:		
Institution or Business where you practice		
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State/Province 0	Telephone	
Payment Information		
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Or, check made payable in US Dollars and drawn on a US E	ank to <u>Mammography Education, Inc.</u>	
Personal Check Company Check	COURSE TRANSFERS: If you find it necessary to transfer from one course to ano registration is received, a \$75.00 administrative fee will addition to any difference in tuition. Note that COURSE	be charged in
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