# International Breast Imaging Diagnostic Course

## A Course Leading to Obtain a Continuing Medical Education Credit in Mammography

### Reform Plaza Conference Center
### 123 Jerozolimskie Avenue, Warsaw, Poland

*AMBERHEART Breast Cancer Foundation for Poland Mammography Section of the Polish Medical Society for Radiology*
*National Coalition to Fight Cancer*

Course under the auspices and official patronage of the Polish Ministry of Health and Welfare

All of the former Eastern Block countries and among them Poland are facing problems of excessive morbidity from breast cancer caused by the low awareness of women and on top of that by a lack of widely addressed screening programs. Screening programs leading to an early detection of breast cancer that is the most dominant cancer among women will shortly become a reality, which cannot be avoided by the health authorities both of health and political reasons.
Screening program introductions, followed by extensive diagnostic and therapeutic procedures will require educating highly qualified breast imaging specialists. This course is an initiation of the plan drafted by a group of non-profit and professional organization to establish specialized background for the future screening and breast diagnostic programs, based among others on American breast cancer centers experience. These facilities performed 32 million screening mammographies alone, worth 4.5 billion dollars in the year 2000.

### Why you should attend...

1. The course leads to obtain a continuing medical education certificate in mammography issued by The Mammography Section of the Polish Medical Society for Radiology
2. Lectures and workshops are provided by the renowned radiologists from America and Europe specializing in breast imaging
3. The up to date methods and techniques in breast imaging diagnosis will be presented
4. Practical and financial aspects of running breast diagnostic private practice will be stressed throughout the course
5. The workshops will allow to practice biopsy procedures on phantoms under the supervision of the experienced specialists
6. Hands on approach will allow to improve diagnostic skills in mammography and ultrasonography
7. Overview and analysis of the most challenging mammograms and breast cancer cases will be performed by lecturers and instructors
8. Discussion on interesting and problematic cases from attendee own practice will be carried out during the course
9. There will be opportunities to debate, exchange opinions and to acquaintance with fellow radiologists from Poland and abroad
10. New equipment and products for breast cancer diagnosis and treatment will be presented by the course sponsors and exhibitors.

### Who should attend...

This course is designed for those who would like to become forerunners of future screening and diagnostic programs, improve their own diagnostic and practical skills in breast diagnostic procedures and especially:

- Heads of radiology departments and breast imaging clinics
- Radiologists of breast imaging and breast cancer clinics
- Radiologists performing x-ray and ultrasound breast diagnostic procedures within their own private practice
- Radiologists reading mammograms for breast cancer centers
- Radiologists who plan to introduce screening/ diagnostic mammography and needle biopsies to their practice.
- Radiologists who would like to catch up with quality control, standardization and film quality methods and new diagnostic equipment to avoid diagnostic recalls

## Course Designation

This is the first advanced diagnostic course preparing to perform breast cancer screening programs in large number of women in Poland.
The lectures will be provided by world renown breast imaging specialists from the United States, Canada and Europe. The languages of instruction will be English and Polish. (The organizer will provide cabin interpreters.) This course is designated either for radiologists reading mammograms in their everyday practice or those who plan to devote their time to screening and/or diagnostic mammography in private or hospital practice

## Course Topics

- Epidemiology
- Anatomy and Pathology of Breast
- Clinical Image Evaluation and Positioning
- Imaging Benign and Malignant Breast Lesions
- Pre-surgical Needle Localization
- Quality Assurance
- Mammography Report
- The Mammography Screening Program Organization
- Percutaneous Breast Biopsy Procedures & Follow-up
- Ultrasound
- Analysis of Calcification and Masses
- Special Workshops
- Equipment
- Screening Controversies
- Discussion of Unknown Cases
- Question and Answer Sessions

## Course Objectives

- Description of basic principles of mammographic interpretation and reporting
- Comparison of pathological changes and breast imaging findings
- Proper breast positioning for mammography and basic elements of clinical image evaluation
- Description of the principles and methods of quality control and quality assurance in breast imaging
- Presentation of the latest guidelines and controversies in screening for the early detection of breast cancer
- Hands on interventional techniques in breast imaging, including pre-surgical needle localization and needle biopsy
- Identification of the appropriate use and principles of interpretation of ultrasound in breast imaging

## Note to Participants

To improve their diagnostic skills, participants are encouraged to bring with them their own interesting or problematic cases to discuss with the Faculty and fellow participants

## Assessment Examination

Non-obligatory Mammography Interpretive Skills Assessment Examination will be held upon completion of the course. It is intend to help examiners to evaluate the knowledge and understanding in interpreting mammography. Testing conditions mimic the clinical setting ie. mammograms, view boxes etc. In addition the written test questions follow a case management. Participants are asked to solve problem, make recommendations and determine follow-up.
Participants will receive individualized score reports detailing their performance. All results are confidential and only aggregate data is maintained.

## Dates to Remember

Deadline for Course registration is August 31, 2001
Enrollment is limited so early registration is encouraged.
On-Site Registration begins Monday, 24 09 2001 7:15 am

## Hotel Information

The participant covers accommodation costs. There is a possibility to accommodate participants in single and double bed rooms at the affordable prices in tourist hotels and also at the higher-class hotels. All interested in these rooms are encouraged to contact Organizing Committee to obtain information regarding availability. Because the number of affordable hotel rooms is limited early reservation is recommended.

## Faculty

Prof. Patricia Abbitt, MD, FACR
Professor of Radiology
Chief of Abdominal and Breast Imaging
University of Florida, Gainesville, FL, USA

Gilda Cardenosa, MD, FACR
Director of Breast Imaging
Greensboro, North Carolina, USA

Prof. Joseph T. Ennis, MD, FRCPI, FFR(FRCSI), FRCR
Professor of Radiology
Director, Institute of Radiological Sciences
Dublin, Ireland
Advisory Board Member, The European Network of Reference Centers for Breast Screening Programmed (EUREF)

Krzysztof Iwaszkiewicz MD, Ph.D
Associate Professor of Radiology
Independent Breast Diagnostic Center,
Warsaw, Poland
Chair of Mammography Section of the
Polish Medical Society for Radiology

Mr Ludo Jacobs
AGFA - Gevaert, Belgium

Prof. Wiesław Jakubowski MD, Ph.D
Head of Diagnostic Imaging Department
Medical Academy, Warsaw, Poland
Chair of Polish Ultrasound Society

Anna Jakubowska MD, Ph.D
Department of Pediatric Radiology
Medical Academy, Warsaw, Poland

Iwona Piotrowska MD
"BIORENIX" Mammography Unit of Medical Diagnostic Center, Warsaw, Poland

Maciej Postolski MD, PhD
Mammography Unit of Diagnostic Imaging Department, Medical Academy,
Warsaw, Poland

Margaret Szabunio, MD FACR
Assistant Professor of Radiology
Breast Imaging Center
University of South Florida, Tampa, FL

Prof. Cezary Szczylik MD, Ph.D
Professor of Oncology
Military Hospital, Warsaw Poland

Tadeusz Ślubowski MD, Ph.D
President of Amberheart Breast Cancer Foundation for Poland
British Columbia, Canada

Kenneth C. Young B.Sc., Ph.D MIPEM
National Co-ordinating Centre for the Physics of Mammography, Royal Surrey County Hospital,
Guildford, UK

A Lecturer provided by the
GE MEDICAL SYSTEMS SA

## Organizing Committee

Prof. Bogusława Benendo Kapuścińska MD, Ph.D
Honorary Chairperson
Professor of Radiology
Head of Department of Radiology
Medical Academy, Warsaw, Poland

Krzysztof Iwaszkiewicz MD, Ph.D
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Associate Professor of Radiology
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Chair of Mammography Section of the
Polish Medical Society for Radiology, Warsaw, Poland

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President of Amberheart Breast Cancer Foundation for Poland
British Columbia, Canada

Iwona Piotrowska MD
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Maria Spasowska - Grochulska MA
Member
President of National Coalition to Combat Cancer, Warsaw, Poland

## Sponsors:

Major Sponsor:

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Supporting Companies:

PPH Ultra-Viol – Poland
Biorenix – Poland
Kodak – Poland

# Program

## 1 Monday, September 24, 2001

7:15 - 8:00 am Breakfast, Registration

8:00 - 8:15 am Welcome

8:15 - 8:45 am **Breast Cancer Epidemiology**
*Tadeusz Ślubowski MD, Ph.D*
Growing problem of breast cancer in Poland and a necessity to introduce mammography screening program based on analysis of cost-benefit ratio.

8:45 - 9:15 am **Radiological Anatomy of the Breast**
*Krzysztof Iwaszkiewicz MD, Ph.D*
An overview of the breast structure types, changes related to age, menstrual cycle, drugs and developmental modalities.

9:15 - 10:00 am **Radiological Symptomatology of Pathological Changes in the Breast**
*Krzysztof Iwaszkiewicz MD, Ph.D*
Breast masses, architectural distortions, calcifications, and direct and indirect symptoms of pathological changes.

10:00 -10:30 am Break and Exhibits

10:30 -11:15 am **Breast Calcifications**
*Prof. Patricia L. Abbitt MD, FACR*
Analysis and differential diagnosis of the process producing calcifications, analysis of calcifications within ducts and lobules, calcifications representing an aggressive carcinoma, deceptive calcifications representing a less carcinoma, assigning probability of malignancy to the various calcification subtypes.

11:15-12:00 pm **Clinical Image Evaluation and Mammographic Techniques and Positioning**
*Margaret Szabunio MD, FACR*
Basics of proper positioning for MLO and CC, and other mammographic views to be able to evaluate adequacy of clinical images at the view box.

12:00-12:30 pm **Case Analyses**
*Gilda Cardenosa MD, FACR*
Management of calcification cases with differential diagnostic problems, indications and contraindications for preoperative needle biopsy of calcifications.

12:30-1:30 pm Lunch

1:30-2:15 pm **Functional Imaging of the Breast**
*Prof. Joseph T. Ennis, MD, FRCPI, FFR (FRCSI), FRCR*
Merits of functional imaging parameters in breast cancer MR mammography, positron emission tomography, sentinel node mapping.

2:15- 2:35 pm **Quality Control of Mammography Equipment.**
General Electric
Image evaluation on phantoms. Elements of mammography equipment essential for the optimal mammograms quality.

2:35 -3:00 pm **New Technologies for Breast Imaging: current trends and future directions**
General Electric
Spot and full screen digital mammography.

4:15-6:15 pm **Workshop / Picture Overview**
*Prof. P. Abbit, Dr G. Cardenosa, Prof. W. Jakubowski, Dr I. Piotrowska, Dr M. Postolski, Dr M. Szabunio, Dr K.C. Young*
Special Workshop (Choose between Series I or II)

8:00-10:00 pm Welcome Reception

## 2 Tuesday, September 25, 2001

7:45 - 8:30 am **Mammography and Pathology: Benign Disease.**
*Gilda Cardenosa MD, FACR*
An overview of the pathology of benign, high risk and in situ pathology of the breast.

8:30 - 9:00 am **Pitfalls in Mammography**
*Gilda Cardenosa MD, FACR*
Subtle signs of malignancy Balance between specificity and sensitivity. Callbacks. Technical and reading performance.

9:00- 9:45 am **Mammography and Pathology: Malignant Disease**
*Prof. Patricia L. Abbitt MD, FACR*
An overview of invasive malignant pathology of the breast (ductal, lobular, tubular carcinoma, medulary, mucinous and papillary cancer, metastases to the breast).

9:45- 10:15 am Break and Exhibits

10:15-10:45 am **Conditions Affecting the Breast**
*Prof. Patricia L. Abbitt MD, FACR*
Systemic Diseases, Lymphedema.

10:45-11:30 am **The Role of Ultrasound in the Diagnosis of Breast Lesions**
*Prof. Wiesław Jakubowski MD, Ph.D*
The latest techniques and interpretation of breast ultrasonography.

11:30-12:00 pm **Indication for The Use of Different Types of Needle Biopsies**
*Margaret Szabunio MD, FACR*
Fine needle aspiration biopsy, core needle biopsy, ductography and needle localization.

12:00-12:30 pm **The European Reference Centre for Quality Assurance**
*Prof. Joseph T. Ennis,MD, FRCPI, FFR(FRCSI), FRCR*
The objective, definition and implementation of Q.A. parameters for breast cancer screening throughout the European Union.

12:30 - 1:30 pm Lunch Break

1:30 - 2:00 pm **Pathology and Diagnoses of Children and Youth Breast**
*Anna Jakubowska MD, Ph.D*

2:00 - 2:45 pm **Breast Cancer Treatment Options for Newly Diagnosed Patients**
*Prof. Cezary Szczylik MD, Ph.D*
Risk factors and their role in breast cancer development. Influence of early phase of detection on wider spectrum of treatment options.

2:45 - 3:30 pm **New Trends in Ultrasound Equipment and Its Diagnostic Capabilities**
*Sponsor*
Presentations and demonstrations

4:30 - 6:30 pm **Workshop / Picture Overview**
*Prof. P. Abbit, Dr G. Cardenosa, Prof. W. Jakubowski, Dr I. Piotrowska, Dr M. Postolski, Dr M. Szabunio Dr K.C. Young*
Workshop (Choose between Series I or II)

Monday / Tuesday

**Series I:**
(3 groups, rotate through "a", b" and "c" every 30 minutes)
a. Needle Positioning, Mammography controlled Biopsy on Phantoms
b. Achieving the Best Mammogram - Physical Factors Influencing Image Quality (in cooperation with Agfa)
c. Ultrasound Controlled Invasive Breast Diagnostic Procedures

**Series II:**
(2 groups, rotate through a" and "b" every 45 minutes)
a. Review of Film Panels
b. Discuss and Analyze your own cases. Comments and Questions

## 3 Wednesday, September 26, 2001

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| 7:45 - 8:30 am | BI-RADS - The Mammography Report<br>*Margaret Szabunio MD, FACR*<br>The elements of the ACR BI-RADS lexicon. Generation of appropriate reports for breast imaging studies. |
| 8:30 - 9:15 am | Utilization of Agfa's New Technologies in Mammamography<br>*Mr Ludo Jacobs, AGFA Gevaert*<br>High Dynamic Range HDR Films |
| 9:15 - 9:45 am | Economical Aspects of Running Mammography Center<br>*Tadeusz Ślubowski MD, Ph.D*<br>Breast screening programs at stationary and mobile mammography centers - equipment, personnel, workplace organization and data collection. |
| 9:45 - 10:15 am | Break and Exhibits |
| 10:15-10:45 am | The Importance of a Pilot Screening in the Development of National Breast Cancer Screening Program<br>*Prof. Joseph T. Ennis,MD, FRCPI, FFR(FRCSI), FRCR* |
| 10:45-11:15 am | New Modalities In Breast Diagnosis<br>*Prof. Patricia L. Abbitt MD, FACR* |
| 11:15-12:00 pm | Case Analyses, Overview, Comments, Questions<br>*Prof. P. Abbit, Dr G. Cardenosa, Prof. J.T. Ennis, Dr M. Szabunio* |
| 12:00-1:00 pm | Lunch Break |
| 1:00 - 5:00 pm | Assessment Examination (optional)<br>Recommended for Polish Radiologist who would like to obtain the certificate of course completion. |
| | End of the Course |
| 8:00 -11:00 pm | Gala Dinner |

## THE BREAST IMAGING DIAGNOSTIC COURSE FEE

*The registration fee includes coffee breaks, welcome reception, course materials, and interpreter.*

- The Breast Imaging Diagnostic Course ..... C$ 350.00 CAD
- Workshops..... No Fee
- Skill Assessment Exam..... No Fee
- Interpreter..... No Fee
- Gala Dinner..... $50.00 CAD

In case of Cheque or Money Order payment must accompany the Registration Form.

Course info and printable Forms are available on the website www.amberheart.org/kurs.html

# Breast Imaging Diagnostic Course

September 24-26 2001 Warsaw, Poland

## Registration Info

**For Participants from Poland Registration is accepted by mail only, and for the other countries by fax or mail.**

Deadline for Course registration is August 31, 2001
Enrollment is limited so early registration is encouraged.
On-Site Registration begins Monday, 24 09 2001 7:15 am

Please be sure the form is completed and that proof of payment is enclosed and/or credit card number and phone numbers are legible. Fax registration is available 24 hours a day.

### Mail Address in Poland:

International Breast Imaging Diagnostic Course
Medical Diagnostic Center
ul. Czerniakowska 16, 00-453 Warsaw, Poland
Attention: Dr Iwona Piotrowska Secretary, Organizational Committee

### For Other Countries:

International Breast Imaging Diagnostic Course
Amberheart Breast Cancer Foundation
206 - 2571 Shaughnessy St., Port Coquitlam,
BC., V3C 3G3 Canada,
Fax (604) 942-3087
GVC Credit Union
Bank Acc. No: 5770-3BR04
9608 Cameron St., Burnaby B.C. V3J 1M2 Canada
tel: (604) 421-3456 Amberheart Breast Cancer Foundation

Make sure a cheque or money order payable to Amberheart Breast Cancer Foundation - Breast Imaging Diagnostic Course is enclosed (Telephone registration cannot be accepted).

### Cancellation Policy

Full refunds, less a $50 CAD administrative fee, will be granted in response to written notification of cancellation on or before August 28,2001. Refunds requested after August 28, 2001 will be provided at 50% of the course fee.
No refunds will be provided for no-shows. Space is limited.
If you do not receive confirmation of your registration for the Breast Imaging Diagnostic Course within 1 month, call 1 604 942 3569 or fax 604 942 3569 an inquiry to Amberheart - Canada or call Dr Iwona Piotrowska at (48-22) 825-1945

**Register Now!**