FIRST INTERNATIONAL CONGRESS on the ULTRASONIC EXAMINATION of the BREAST

PHILADELPHIA
October 8-9, 1979
FIRST INTERNATIONAL CONGRESS on the ULTRASONIC EXAMINATION of the BREAST

PHILADELPHIA
OCTOBER 8-9, 1979
at the BENJAMIN FRANKLIN HOTEL

Organized By ULTRASONICS INSTITUTE

THE ROYAL NORTH SHORE HOSPITAL SYDNEY, AUSTRALIA
and THOMAS JEFFERSON UNIVERSITY HOSPITAL PHILADELPHIA, U.S.A.
Monday, October 8, 1979

INTRODUCTION & WELCOME
9:00-9:15 a.m.  G. Kossoff - Ultrasounds Institute
               T.S. Reeve - Royal North Shore Hospital
               B.B. Goldberg - Thomas Jefferson University Hospital

HISTORY - J. Jellins, Chairperson
9:15-9:30 a.m.  J.J. Wild - U.S.A.
9:30-9:40 a.m.  J. Holmes - U.S.A.
9:40-9:55 a.m.  T. Wagai - Japan
9:55-10:05 a.m. T.S. Reeve - Australia

ANATOMY & PATHOLOGY OF THE BREAST - C. Cole-Beuglet, Chairperson
10:05-10:20 a.m. Normal Anatomy - C. Schneck
10:20-10:30 a.m. Benign Disease - A. Patchefsky
10:30-10:45 a.m. Premalignant and Malignant Changes - S.R. Wellings

COFFEE BREAK
10:45-11:05 a.m.

THE ROLE OF ULTRASOUND IN BREAST DISEASE - T. Wagai, Chairperson
11:05-11:15 a.m. The Physicist's View - J. Jellins
11:15-11:25 a.m. The Sonographer's View - K. Griffiths
11:25-11:35 a.m. The Radiologist's View - B.B. Goldberg
11:35-11:45 a.m. The Clinician's View - T.S. Reeve

FREE COMMUNICATIONS - Each presentation is allotted 10 minutes
11:45-11:55 a.m. Ultrasonic Anatomy of the Breast, and
                  Pattern Recognition - M. Rombaut & E. Pluygers
11:55-12:05 p.m. Tomographic Visualization of Breast Calcifications by Ultrasound Scattering - V. Perez-Mendez,
                  P. Davis*, P. Wiedenbeck, D. Ortendahl
FREE COMMUNICATIONS (continued)

12:05-12:15 p.m.  Film:  Breast Echography - Ch. Gros
12:15-12:25 p.m.  Complimentary Role of Breast Palpation to
                   Echomammography - M. Tabrett
12:25-12:35 p.m.  Anthropomorphic Breast Phantom - E. Madsen*,
                   J. Zagzebski, M. Schwabe, G. Frank

12:35-1:00 p.m.  Written Questions From the Floor

LUNCH BREAK

1:00-2:00 p.m.

ULTRASONIC APPEARANCE OF BENIGN & MALIGNANT DISEASE - T.S. Reeve,
Chairperson

2:00-2:15 p.m.  Benign Disease - J. Jellins
2:15-2:30 p.m.  Malignant Disease - T. Wagai
2:30-2:45 p.m.  Malignant Disease - C. Cole-Beuglet
2:45-3:00 p.m.  Pitfalls and Artifacts - E. Kelly-Fry

FREE COMMUNICATIONS  -  Each presentation is allotted 10 minutes

3:00-3:10 p.m.  High Frequency Scanning of Fibroadenomas -
                   S. Hassani*, R. Bard
3:10-3:20 p.m.  Clinical Application of Ultrasonography in
                   Breast Disease - D. Rosner*, L. Weiss
3:20-3:30 p.m.  Ultrasonography - The Third Hand in Breast
                   Examination - J. Croll
3:30-3:40 p.m.  Breast Evaluation by Real Time Ultrasound with
                   High Frequency (7 MHz) Pocused Linear Array
                   Transducer - J. Ching*, L. Leinbach, J. Martin
3:40-3:50 p.m.  A Simplified Approach to Ultrasound Mammography -
                   S. Fields
3:50-4:00 p.m.  Breast Sonography with a Real Time Portable
                   Scanner - C. Huber
4:00-4:10 p.m.  Different Ultrasonic Appearances of Malignant
                   Breast Tissue - A.P. Harper
4:10-4:20 p.m.  Proposed Data Collection Form, Suitable for
                   Computerized Record Storage - J. Kotevich

4:20-4:30 p.m.  Written Questions From the Floor

PANEL DISCUSSION

4:30-5:00 p.m.  Topic:  Nomenclature and Labeling of Images
                Moderator: B.B. Goldberg
                Panel Members:  G. Baum
                                P. Carson
                                E. Kelly-Fry
                                G. Kossoff
                                T. Wagai
TOUR OF THE DIVISION OF DIAGNOSTIC ULTRASOUND, THOMAS JEFFERSON UNIVERSITY

5:00-6:30 p.m.  Interested Congress participants may tour the Division

COCKTAIL RECEPTION

7:00-8:00 p.m.  Washington Room

TUESDAY, OCTOBER 9, 1979

CORRELATION WITH OTHER IMAGING MODALITIES - T. Kobayashi, Chairperson

9:00-9:15 a.m.  Breast Patterns in Xeromammography - J.N. Wolfe
9:15-9:30 a.m.  Masses in Xeromammography - S. Feig
9:30-9:40 a.m.  Ultrasonic Breast Patterns - C. Rubin
9:40-10:00 a.m. Correlation with Xeromammography - B.H. Barraclough

FREE COMMUNICATIONS - Each presentation is allotted 10 minutes

10:00-10:10 a.m. Ultrasonography and Mammography in a Non-Screening Situation - W. Logan
10:10-10:20 a.m. Ultrasonic Examination Compared with Surgical Opinion and Mammography - P. Wilson
10:20-10:30 a.m. Breast Parenchymal Patterns and Benign Mammary Dysplasia - W.R. Lees
10:30-10:45 a.m. Written Questions From the Floor

COFFEE BREAK

10:45-11:00 a.m.

DIAGNOSTIC & SCREENING APPLICATIONS - B.B. Goldberg, Chairperson

11:00-11:15 a.m. Results of Diagnostic and Screening Tests in Japan - T. Kobayashi
11:15-11:30 a.m. Results of Diagnostic and Screening Tests in Europe - G. Dale, B. Gairrard, Ch. Gros
11:30-11:45 a.m. A New Echoscope for Screening Breast Disease - G. Kossoff
FREE COMMUNICATIONS - Each presentation is allotted 10 minutes

11:45-11:55 a.m. Technique and Results of Ultrasonic Detection of Early Breast Cancer - E. Pluygers*, M. Rombaut, B. Hendrickx
11:55-12:05 p.m. Ultrasonic Examination of the Breast. A Review of 175 Cases - B.D. Fornage
12:15-12:25 p.m. Linear Array Real Time Ultrasound of Palpable Breast Masses - E.R. Holmes
12:35-12:45 p.m. Echography and Non-Palpable Breast Carcinomas - G. Dale, D. Gros
12:45-1:00 p.m. Written Questions From the Floor

LUNCH BREAK

1:00-2:00 p.m.

OTHER ULTRASONIC EXAMINING TECHNIQUES - G. Kossoff, Chairperson

2:00-2:15 p.m. Color - G. Baum
2:15-2:30 p.m. Doppler - P.N.T. Wells
2:30-2:45 p.m. Transmission Imaging - J. Greenleaf
2:45-3:00 p.m. Transmission Imaging - P.L. Carson

FREE COMMUNICATIONS - Each presentation is allotted 10 minutes

3:00-3:10 p.m. Scientific Development of Pulse-Echo Equipment for Detection of Human Breast Neoplasia - J.J. Wild
3:10-3:20 p.m. Ultrasonic Pattern Recognition for the Early Detection of Breast Cancer - J. Rose*, M. Good, B.B. Goldberg
3:20-3:30 p.m. Written Questions From the Floor

CLOSING REMARKS

Remarks by the Co-Chairmen:

Catherine Cole-Beuglet, M.D.
Jack Jellins