

Luncheon Seminar 1



The 14th Asian Breast Diseases Association Meeting & Symposium (ABDA)

The emerging role of breast tomosynthesis in Breast Imaging

Friday, September 2nd, 2016 13:00-13:50

at SKALA ESPACIO, Hall

F.T. Bldg, 4-8-28 Watanabedori Chuo-ku, Fukuoka 810-0004, Japan

Chair

Dr. Chun-Ying LUI

Hong Kong Women's Imaging, Hong Kong

Speaker

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Digital breast tomosynthesis (DBT) can eliminate overlapping breast tissue, enhance local structure separation, and provide location information about lesions of interest. DBT is a pseudo-three-dimensional digital mammography imaging system that takes a series of 1 mm-slice images with multiple very low-dose x-ray projection to reveal the inner architecture of the breast eliminating overlapping breast tissue. This new technique allows better visualization of important features of the malignancy on mammography compared with conventional 2D mammography. Many studies suggest this can improve cancer detection and decrease the recall rate in screening and clinical setting. However, some issues have been raised because implementing DBT involves very complex processes. This presentation provides comprehensive reviews and updates on DBT. The illustrations and discussion are based on our experience with the Selenia® Dimensions® (Hologic) DBT system.