



**UNIVERSITY
OF MALAYA**



**UNIVERSITY
OF MALAYA
MEDICAL CENTRE**

ZEISS



IBAIRD



medi-life



**Pfizer
Oncology**

Medtronic



"Live Surgery Workshop Intraoperative Radiotherapy (IORT) - A Breakthrough treatment of Early Breast Cancer"



Date: 24th - 25th August 2017

***Venue: Auditorium Hall,
Level 13th South Tower,
University Malaya Medical Centre.***

Organizing Committee

Director: Dr. See Mee Hoong

Co-Director: Dr. Ng Char Hong

Committee Members:

Mdm. Umi Kalthum Bt Zakaria

Mdm. Suhaida Bt Musthaffa

Mdm. Zarinah Bt Abdul Rahman

Mdm. Noraizam Bt Abdullah Din

Mdm. Kamar Noraini Bt Mohd

Ms. Lai Lee Lee

Ms. Ernie Azwa Bt Yusop

Ms. Hanani Bt Che Halim

Ms. Zainor Bt Zaili

Target Participants:

- Breast Surgeon / Breast and Endocrine Surgeon
- Breast Surgery fellows
- Specialist breast surgeons (Public and Private Sector) who wish to embark in IORT treatment
- Radiation Oncologist (public and private hospitals)
- Medical Physicist (public and private hospitals)
- Radiation Therapist
- Medical Dosimetrist
- Nurses (public and private center)
- General surgery medical officers

Aim of Course:

This workshop will explore the knowledge of IORT treatment from the basic to practical aspects. A systemic approach from principles, patient selection and preparation, radiation protection, clinical workflow, quality assurance measurements, with hands-on demonstrations of techniques of IORT, surgical techniques will be presented.

Learning Objectives: Upon completion of this course, attendees will become familiar with:

1. *Clinical Aspect of IORT, Oncology and surgical aspect of IORT, Radiation oncology aspect of IORT, demonstration of surgical operation and research opportunity of IORT*
2. *Technical Aspects of IORT: IORT machine (Intrabeam), Demonstration of periodical quality assurance measurements, Radiological parameters and their measurements, Demonstration of clinical procedures and techniques.*
3. *Dose Delivery: Prescription, Parameters input to machine, Radiation safety.*

Speakers Biography



Prof. Hans-Christian Kolberg (Germany)

Dr. Hans-Christian Kolberg has been the Senior Consultant at the Gynaecology and Obstetrics Clinic of the Marienhospital in Bottrop, Germany, an academic teaching hospital of the University of Duisburg-Essen since 2005 and had been the Lead Consultant and Head of the Breast Centre of the Lubeck University Women's Hospital up to that point. He is a member of several national and international specialists' associations and has been the deputy representative of the Association of Certified Breast Centres since 2016. In addition, Dr. Kolberg regularly publishes articles in eminent specialist journals, delivers lectures nationally and internationally, primarily on the subject of breast cancer, and is an investigator in countless breast cancer studies, and is the Visiting Professor of Breast Surgery at the First School of Clinical Medicine in Nanking in China.



Dr. Lai Hung-Wen (Taiwan)

Dr. Lai Hung-Wen is an assistant Professor, Department of Surgery, National Yang-Ming University, Taiwan. He also Director of Endoscopy and Oncoplastic Breast Surgery Centre, CCBC, Changhua Christian Hospital and Associate Director of Comprehensive Breast Cancer, CCBC, Changhua Christian Hospital. He received Medical Doctor (M.D.) from September 1995 until June 2001 at College of Medicine, National Cheng-Kung University, Tainan, Taiwan and Post-Graduate Education (PhD.) from September 2007 until July 2011 at Department of Pharmacology, National Yang-Ming University School of Medicine, Taipei, Taiwan. Dr. Lai have outstanding employment record starting with internship at National Cheng-Kung University Hospital, Tainan from June 2000 until May 2001, until recently Dr. Lai act as clinical observer in Kyungpook National University Hospital, Daegu, South Korea in Januari 2016. He also received various honor and awards with latest awards of Pioneer in the field of Robotic Nipple sparing mastectomy with immediate breast reconstruction in Asia on March 2017



Dr. See Mee Hoong

Dr. See Mee Hoong is a senior lecturer and Consultant Oncoplastic Breast Surgeon at University Malaya Medical Center (UMMC), Malaysia. She obtained her undergraduate degree from University Putra Malaysia in 2003. Subsequently, she completed her Master Degree of Surgery (General) from University Malaya in May 2011. She was an honorary fellow of Breast Oncoplastic Surgical Training in Siriraj Hospital, Mahidol University, Bangkok, Thailand in 2013. She is currently the investigator and co-investigator for a few clinical trials such as risk for breast cancer and Intraoperative Radiotherapy (TARGIT B Trial). Her fields of interest are breast oncoplastic surgery, breast cancer surgery, minimally invasive endoscopic breast surgery, vacuum assisted breast surgery, immediate and delayed breast and nipple reconstruction for breast cancer.

Speakers Biography



**Dr. Ng Char
Hong**

Dr. Ng Char Hong is a consultant breast surgeon in Sunway Medical Center, Malaysia. He obtained postgraduate training with University of Malaya in 2009 for Master of Surgery. Dr. Ng also did a fellowship in breast surgery at University of Malaya in 2009 until 2012 and fellowship in Oncoplastic Breast Surgery at Siriraj hospital, Bangkok in 2012. Currently, he is a consultant of breast surgeon in Sunway Medical Center. Currently, Dr. Ng is a member of Academy of Medicine Council Member (Co-Opted) since 2010. He also currently member of College of Surgeons of Malaysia.



**Prof. Dr. Nur
Aishah Bt Mohd
Taib**

Prof. Dr. Nur Aishah is a Consultant Breast Surgeon at University Malaya Medical Center (UMMC). She graduated from University of Malaya in 1995. Later further her studied at Royal College of Surgeons, Edinburgh in 2000. She obtained her Master in Surgery from University of Malaya in 2001. After that, she further her study in Clinical Observation form University of Texas, USA in 2008. Then, she obtains Grad Dip genet Counsel from Charles Sturt University, Australia in 2010. Prof. Aishah is a committee member of College of Surgeons, Academic of Medicine of Malaysia, Council Member since 2013. Her area of expertise including surgery, medical and health sciences and clinical medicine.



**Dr. Rozita
Bt Abdul Malik**

Dr. Rozita is currently the head of Oncology in Oncology department UMMC graduated from University of Malaya in 2000. She completed training in Clinical Oncology and obtained Master in Clinical Oncology degree in 2009. She has special interest in gynaecological cancers, breast cancers and sarcomas, at the same time treating other types of adult solid tumours. Involved in many clinical trials as principal investigators and co-investigators in gynaecological, breast and colorectal cancers. Currently she is the head of department of oncology in UMMC.



**Prof. Dr.
Anita Zarina
Bt Bustam @
Mainudin**

Prof. Dr. Anita Is the senior oncologist in Oncology depart- ment UMMC. Her area of interest are Clinical Oncology Which Covers All Aspects of Non-Surgical Treatment Modalities For Cancer Patients in Particular With Radiotherapy, Cytotoxics, Hormones and Biologics. Tumour Site Specialization Includes Breast, Lung, Brain, Lymphoproliferative Tissue, Paediatrics and Skin.

Speakers Biography



**Prof. Dr. Kartini
Bt Rahmat**

Dr. Kartini is a Consultant and Professor in Radiology at the University of Malaya Medical Centre, Kuala Lumpur, She underwent post graduate training at University of Malaya and obtained her FRCR in UK. She joined UM as an academic staff in 2003 and has obtained further radiology training in Western Australia. Her clinical interests and research contributions are mainly focused on Neuroradiology and Breast Imaging. Dr Kartini has published and presented numerous publications and scientific papers in peer reviewed journals . She is active in clinical research serving currently as principal investigator and collaborator for studies in advanced MRI applications, breast oncology, epilepsy and neurodegenerative disease among others.



**Dr. Ung Ngie
Min**

Dr. Ung Ngie Min is a senior lecturer and a medical physicist at the Department of Clinical Oncology, University of Malaya. He possesses Bachelor of Biomedical Engineering and Master of Medical Physics from the University of Malaya. He then completed his PhD at the University of Western Australia in collaboration with Genesis Cancer Care (formerly known as Perth Radiation Oncology). To date, he has published 36 peer-reviewed academic journal papers, and supervised 8 research students in medical physics. His current research interests include novel detectors for radiation dosimetry, brachytherapy and advanced radiotherapy techniques.



**Ms. Azleen
Mohd Zain**

Ms. Azleen is a Medical Physicist (Nuclear Medicine) in University Malaya Medical Centre (UMMC), Kuala Lumpur, Malaysia. She has served Nuclear Medicine as a medical physicist for more than 20 years. As Head of Medical Physics Unit, she's involved in UMMC Occupational Safety And Health Committee as an employer representative member of committee. Ms Azleen had been recognized as Radiation Protection Advisor (RPA) for Industry 3 (I3) : Gauging , Sales And NORM (5 years :2015-2020) under jurisdiction of Atomic Energy Licensing Board (AELB). Latest project under her supervision and services which collaborates with other clinical disciplines is Breast Cancer Treatment Using Intra-Operative RadioTherapy (IORT).



Programme

24/8/2017 to 25/8/2017



Day 1 (24/8/2017)

7:30 - 8:30 am Registration

8:30 - 8:45 am Welcome Speech & Opening Ceremony

Chairperson: Prof. Dr. Nur Aishah Bt Mohd Taib

8.45 - 9.05 am Radiation therapy in early stage breast cancer – WBI vs APBI
Ass. Prof. Rozita Bt Abdul Malik

9.05 - 9.25 am APBI – a review of available techniques
Dr. Ung Ngie Min

9.25 - 9.45 am IORT in breast cancer
Prof. Dr. Anita Zarina Bt Bustam @ Mainudin

9.45-10.05 am IORT set up – UMMC experience
Dr. See Mee Hoong

10.05-10.25 am QA/QC & radiation protection & safety
Ms. Azleen Bt Mohd Zain

10.25-10.40 am Q&A

10.40-11.00 am Tea break

11.00-11.20 am Role of imaging in patient selection for breast IORT.
Prof. Kartini Bt Rahmat

Chairperson: Ass. Prof. Rozita Bt Abdul Malik

11.20-11.40 am Surgical Approaches to IORT for breast cancer treatment.
Prof. H.C. Kolberg

11.40-12.00 pm Video session: Oncoplastic breast technique in IORT treatment.
Prof. H.C. Kolberg

12.00-12.20 pm Complications of breast surgery post IORT: treatment and prevention.
Prof. H.C. Kolberg

12.20-12.40 pm Ongoing trial: Targit B study – Challenges in implementation in local setting.
Prof. Dr. Nur Aishah Bt Mohd Taib

12.40 - 1.00 pm Q&A

Day 1 (24/8/2017)

- 1.00 -2.00 pm *Lunch break*
- 2.00 -2.15 pm *Breast IORT experience in private setting.*
Dr. Ng Char Hong
- 2.15 -2.30 pm *Breast IORT experience in public setting.*
Prof. Dr. Nur Aishah Bt Mohd Taib
- 2.30 -2.45 pm *Taiwan Experience for Breast IORT Treatment.*
Dr. Lai Huag-Wen
- 2.45 -3.00 pm *Preparation for IORT Surgery from Nursing Aspect*
Mdm. Annusuyai Devi d/o Suppiah

Chairperson: **Dr. See Mee Hoong**

- 3.00 -3.40 pm *Break up session: Practical aspects of IORT – Role and Responsibility of each discipline. Moderators:*
Surgeons
Oncologists
Physicists
OT Sister & Scrub Nurse Leader
- 3.40 – 4.00 pm *Wrap up discussion*
Preparation for Day 2
Dr. See Mee Hoong
- 4.00 - 7.00 pm *Tea break & end of Day 1*
Faculty dinner - (Sponsor by Zeiss)

Day 2 (25/8/2017)

- 8.30 -9.00 am *Introduction/briefing.*
Dr. See Mee Hoong
- 9.00 am-3.30pm *Live Surgery, free flow of tea and lunch–*
Prof H.C. Kolberg
- Moderators:**
Dr. Ng Char Hong
Dr. See Mee Hoong
Prof. Dr. Nur Aishah Bt Mohd Taib
Ass. Prof. Rozita Bt Abdul Malik
Ass. Prof. Marniza Bt Saad
Prof. Dr. Anita Zarina Bt Bustam @ Mainudin
Ms. Azleen Mohd Zain
- 3.30 - 4.00pm *Q&A and wrap up discussion.*
Prof .H.C. Kolberg
- 4.00 pm *End of workshop.*