



**MAX** Institute of  
Medical Excellence

# SENTINEL LYMPH NODE BIOPSY (SLNB) WORKSHOP **BREAST CANCER**



**Tentative Date:** 6<sup>th</sup> August 2021 to 24<sup>th</sup> September 2021

Sentinel Lymph Node Biopsy (SLNB) has become a standard staging tool in the surgical management of breast cancer. Though it has evolved over the last few decades, its usage is still limited owing to lack of proper exposure and training, long learning curve, cost of equipment, multi-departmental workup involving nuclear medicine and pathology.

This workshop aims at basic training on SLNB through virtual video platforms and hands-on training and is led by renowned National and International faculty members.

SLNB workshop is a 2-month staggered course aimed at training the post-graduates, residents of surgical oncology or general surgery, practising surgeons with a special interest in breast surgical oncology in SLNB procedure in Breast Malignancy Cases. It includes a combination of Virtual and Hands-on workshop that includes 6 virtual lectures, a 2-day observer-ship, and 2-day assisted hands-on under supervision.

It includes two different modules that are detailed below. The trainee can opt according to the feasibility. Those opting for Module-B have to complete the same within 2 months. This course is designed keeping in view the availability of cases and trainees' time restraints.



### **COURSE AUDIENCE:**

- Practising Surgeons with a special interest in Breast Surgical Oncology
- MS/DNB Graduates of General Surgery/Surgical Oncology
- Post Graduates of General Surgery/Surgical Oncology



### **ESSENTIAL QUALIFICATION:**

- MCh Surgical Oncology or Equivalent Graduates
- MS/DNB General Surgery or Equivalent Graduates with Oncology as the field of Interest
- Surgical Oncology, MS/DNB Post Graduate Residents (Presently Pursuing)
- Fellowship in Breast Surgical Oncology

### **LEARNING OBJECTIVES:**

- To Get acquainted with the SLNB procedure in Breast Malignancy
- To understand the procedure details from the injection of Nano colloid, Intraoperative SLN detection using dual method to the identification of metastasis at the frozen section in Pathology
- To acquaint themselves with alternative methods and the newer techniques

### **LEARNING MODULES:**

Two modules are included under the workshop:

- **MODULE A:** Online – Includes Virtual Video Lectures only
- **MODULE B:** Complete Workshop – Video Lectures + Observer-ship + Assisted Hands-on

The complete workshop consists of 6 virtual video lectures, 2 days of observer-ship and 2 days assisted hands-on under supervision.





## VIDEO LECTURES (8, VIRTUAL PLATFORM: 6 hours)

- Introductory Class and Evolution of SLNB – Dr Dayalan Clarke
- Breast Surgery and SLNB – Dr Geeta K, Dr Arun Goel, Dr Vaishali, Dr Shankaran Narayan
- Pathology and Frozen section of the Sentinel Node – Dr Rajesh Tandan, Dr Rooma, Dr Neha
- Nuclear Medicine and Sentinel Node Mapping – Dr Abhishek, Dr Muktha
- Newer Techniques and Operative lecture of SLNB – Dr SVS Deo, Dr Koppikar
- Alternatives to SLNB - Low axillary sampling
- De-escalation of Axilla after NACT – The Evidence
- Recent advances, Landmark & Ongoing Trials in SLNB – Dr Ruth James



## OBSERVERSHIP (2 DAYS):

The trainees will get exposure on each of the below mentioned departments in the course of their workshop (Two Days)

### NUCLEAR MEDICINE: PREOPERATIVE SENTINEL NODE MAPPING

- Pre-operative preparation of Nano-Colloid
- Injection of Nano-colloid- technique
- Identification and mapping of Sentinel Lymph nodes using Scintiscan

### INTRA-OPERATIVE

- Technique of Injection of Dye (Methylene Blue)
- Pre-operative Procedural Preparations
  - Setting of Gamma Probe monitor and handling of Gamma Probe
  - Intimation to Pathology team & Filling of Frozen form
- Surface marking of SLN before Incision
- Plan of Incision based on tumour location, type of Surgery (BCS/MRM)
- Identification of Hot & Blue Node and Excision
- Specific cases of Interest (Obese/Male/Elderly)
- Challenges in a previously operated Breast



### PATHOLOGY: FROZEN SECTION OF SENTINEL NODE - THE PROCEDURE, THE PROS AND THE CONS

- Preparation of slides
- Examination of slides
- Identification of Micro-metastasis/ITCs
- Role of IHC



## ASSISTED HANDS-ON UNDER SUPERVISION (2 Days):

A two-day assisted hands-on where the trainee will be guided with injection of nano-colloid, dye, plan of incision, assisted SLN identification and excision.



### FINAL EVALUATION

- An MCQ based evaluation of the trainees will be carried out at the completion of the course.
- A completion certificate will be handed to the student at the end of the course.

### REQUIRED DOCUMENTS

- MBBS Graduation Certificate
- MS/DNB Graduation Certificate
- State Medical Council/MCI Registration Certificate
- ID Card (Aadhar/PAN/Driving Licence/Passport)
- Letter of HOD/Joining Letter for post-graduates

**PROGRAMME DIRECTOR****Dr Geeta Kadayaprath**

MBBS, MS, FRCS  
Senior Director – Surgical Oncology  
(Breast Oncology)  
Max Super Speciality Hospital,  
Patparganj, New Delhi  
Ex-Fellow, Breast Unit,  
Royal Marsden Hospital, London

**PROGRAMME CO-ORDINATOR****Dr Naresh Guthula**

Attending Consultant  
Breast Oncology  
Department of Surgical Oncology  
Max Super Speciality Hospital,  
Patparganj, New Delhi

**ACADEMIC CO-ORDINATOR****Dr Vanita Mittal**

Max Institute of Medical Excellence  
General Manager Academics

**MAX HEALTHCARE FACULTY****Dr Arun Goel**

Senior Director  
Breast Surgical Oncology

**Dr Vaishali Zamre**

Principal Consultant  
Breast Surgical Oncology

**Dr Rajesh Tandon**

Principal Consultant  
Dept. of Pathology

**Dr Rooma Ambastha**

Senior Consultant  
Dept. of Pathology

**Dr Neha Kapoor**

Senior Consultant  
Dept. of Pathology

**Dr Abhishek Gupta**

Principal Consultant  
Dept of Nuclear Medicine

**Dr Mukta Jain Shah**

Senior Consultant  
Dept. of Nuclear Medicine

**Dr Ajay Vyas**

Senior Consultant  
Dept. of Nuclear

**INTERNATIONAL FACULTY****Dr Sankaran Narayanan**

Consultant Breast Surgeon at  
Nuffield North Staffordshire

**Dr Dayalan Clarke**

Consultant General and Breast  
Surgeon, UK

**Dr Ruth James**

Consultant Oncoplastic Breast  
Surgeon at Luton and Dunstable  
University Hospital, Milton Keynes,  
England, UK

The course is conducted and managed by Max Institute of Medical Excellence (MIME), New Delhi. The workshop will be conducted either at Max Super Speciality Hospital, Patparganj or Max Super Speciality Hospital, Vaishali.

**Course Schedule: Timing will be shared shortly**

Course Fees:\*

Module A: ₹4000

Module B: ₹7000

DATE	TOPIC	
06/08/2021	Introductory Class and Evolution of SLNB	Dr Dayalan Clarke
13/08/2021	Breast Surgery and SLNB – The Conventional Techniques	Dr Arun Goel
20/08/2021	Pathology and Frozen section of the Sentinel Node	Dr Neha Kapoor
27/08/2021	Nuclear Medicine and Sentinel Node Mapping	Dr Abhishek Gupta
03/09/2021	Newer Techniques (ICG) and Operative lecture of SLNB	Dr SVS Deo
10/09/2021	De-escalation of Axilla after NACT – The Evidence	Dr Sankaran Narayanan
17/09/2021	Alternatives to SLNB - Low axillary sampling	Dr Vani Parmar
24/09/2021	Recent advances (Mag Seed), Landmark & Ongoing Trials in SLNB	Dr Ruth James

\*18% GST will be additional

**ONLINE REGISTRATION FORM:**

**Click on the link below or scan the QR code from your smartphone.**

<https://forms.gle/zXfRuW8yW6N5XMEd9>

**CONTACT DETAILS:**

For further details of the program or enrollment procedure, kindly contact:

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**MIME SLNB Course  
Registration Link**