



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Chennai Breast Centre - MRC Nagar, Tmailnadu, India

### General Information



**New breast cancer cases treated per year** 260

**Breast multidisciplinary team members** 9

Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

**Clinical Director:** Selvi Radhakrishna, FRCS

Chennai Breast Centre is a one-stop comprehensive centre, dedicated to breast health. Our centre has been the first in Chennai to house a state of the art breast imaging facility and we offer digital mammography, breast ultrasonography, specialist consultation, minimally invasive biopsies and procedures all under one roof, with a quick turn around time. Our mission is to save lives by increasing awareness on breast cancer through education and by providing state-of-the-art early detection facilities. Chennai breast centre accomplishes this mission through various initiatives and provides help for women today and hope for tomorrow. Chennai breast centre is a one stop centre that offers quality care at affordable costs. Some of the reasons why women come to us: Women are seen by experienced lady doctors; women experience trust and reliability; appointments and tests are seamlessly organized; we have state-of-the-art equipment and offer early detection, diagnosis, treatment, personal care and continuity of care; we have medical personnel to effectively use the equipment; we offer a friendly ambiance at affordable costs.

### Chennai Breast Centre

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E-mail: [selvi.breastclinic@gmail.com](mailto:selvi.breastclinic@gmail.com)

Web-site: [www.chennaibreastcentre.com](http://www.chennaibreastcentre.com)

## Available services

- Radiology
- Breast Surgery
- Reconstructive/Plastic Surgery
- Pathology
- Medical Oncology
- Radiotherapy

- Nuclear Medicine
- Rehabilitation
- Genetic Counselling
- Data Management
- Psycho-oncology
- Breast Nurses

- Social Workers
- Nutritional Counselling
- Survivorship Groups
- Sexual Health Counselling
- Supportive and Palliative Care
- Integrative Medicine

## Radiology

- Dedicated Radiologists** 1
- Mammograms per year** 3000
- Breast radiographers**
- Screening program**
- Verification for non-palpable breast lesions on specimen**
- Axillary US/US-guided FNAB**
- Clinical Research**

**Available imaging equipment**

- Mammography
- Ultrasound
- Magnetic Resonance Imaging (MRI)

**Available work-up imaging equipment**

- Computer Tomography
- Ultrasound
- Magnetic Resonance Imaging (MRI)
- PET/CT scan
- Nuclear Medicine

**Primary technique for localizing non-palpable lesions**

- Hook-wire (or needle localization)
- Charcoal marking/tattooing
- ROLL: radio-guided occult lesion localization

**Available breast tissue sampling equipment**

- Stereotactic Biopsy (Mammography guided)
  - Core Biopsy (Tru-cut)
  - Vacuum assisted biopsy
- Ultrasound-guided biopsy
  - Fine-needle aspiration biopsy (FNAB, cytology)
  - Core Biopsy
  - Vacuum assisted biopsy
- MRI-guided biopsy
  - Core Biopsy
  - Vacuum assisted biopsy

## Breast Surgery

- New operated cases per year (benign and malignant)** 320
- Dedicated Breast Surgeons** 1
- Surgeons with more than 50 surgeries per year** 1
- Breast Surgery beds** 10
- Breast Nurse specialists** 2
- Outpatient surgery**
- Intra-operative evaluation of sentinel node**
- Reconstruction performed by Breast Surgeons**
- Clinical Research**

**Primary technique for staging the axilla**

- Axillary lymph node dissection
- Sentinel lymph node biopsy:
  - Blue dye technique
  - Radio-tracer technique
  - Blue dye + Radio-tracer
- Axillary sampling

**Reconstructive/Plastic Surgery**

- Reconstructive/Plastic surgeons** \_\_\_\_\_ 1
- Immediate Reconstruction available** \_\_\_\_\_

**Type of breast reconstructive surgery available**

- Remodelling after breast-conserving surgery
- Reconstruction after mastectomy:
  - Two-stage reconstruction (tissue expander followed by implant)
  - One-stage reconstruction
- Autogenous tissue flap
  - Latissimus dorsi flap
  - Transverse rectus abdominis (TRAM)
  - Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
- Surgery on the contralateral breast for symmetry

**Pathology**

- Dedicated Breast Pathologists** \_\_\_\_\_ 2

**Available studies**

- Cytology
- Haematoxylin & eosin section (H&E)
  - Surgical specimen
  - Sentinel node
  - Core biopsy
- Frozen section (FS)
  - Surgical specimen
  - Sentinel node
- Immunohistochemistry stain (IHC)
  - Estrogen receptors
  - Progesterone receptors
  - HER-2
  - Ki-67

**Other special studies available**

- Fluorescence in-situ Hybridization for HER-2 gene (FISH)
- Oncotype Dx (21-gene assay)
- MammaPrint (70-gene microarray)
- Prediction Analysis of Microarray 50-gene set (PAM 50)

**Parameters included in the final pathology report**

- Pathology stage (pT and pN)
- Tumour size (invasive component in mm)
- Histologic type
- Tumor grade
- ER/PR receptor status
- HER-2/neu receptor status
- Peritumoural/Lymphovascular invasion
- Margin status

**Medical Oncology**

- Dedicated Breast Medical Oncologists** \_\_\_\_\_ 2
- Outpatient systemic therapy** \_\_\_\_\_
- Clinical Research** \_\_\_\_\_

## Radiotherapy

Dedicated Radiation Oncologists

Clinical Research

**Available techniques after breast-conserving surgery (including experimental)**

Whole-Breast RT (WBRT)

Partial breast irradiation (PBI):

External beam PBI

Interstitial brachytherapy

Targeted brachytherapy (MammoSite, SAVI applicator, other devices)

Intra-operative RT (IORT)

## Multidisciplinary Meeting (MDM) / Tumour Board (TB)

**Regular MDM/TB for case management discussion**

Twice a week

Weekly

Every two weeks

Other Schedule

**Cases discussed at MDM/TB**

Preoperative cases

Postoperative cases

**Specialties/services participating in MDM/TB**

Radiology

Breast Surgery

Reconstructive/Plastic Surgery

Pathology

Medical Oncology

Radiotherapy

Genetic Counselling

Breast Nurse Service

Psycho-oncology

## Further Services and Facilities

**Nuclear Medicine**

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

**Rehabilitation**

Prosthesis service

Physiotherapy

Lymph-oedema treatment

**Genetic Counselling**

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Genetic Testing available

Surveillance program for high-risk women

**Data Management**

Database used for clinical information

Data manager available

## Contact details

## Clinical Director

Selvi Radhakrishna, FRCS	Director, Oncoplastic Breast Surgeon	<a href="mailto:selvi.breastclinic@gmail.com">selvi.breastclinic@gmail.com</a>	+914424610831
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## Radiology

Sathyabhama Chandrasekharan, MD	Consultant Radiologist	<a href="mailto:bhamachand@gmail.com">bhamachand@gmail.com</a>	9841072153
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## Breast Surgery

Selvi Radhakrishna, DNB, FRCS	Consultant Oncoplastic Breast Surgeon	<a href="mailto:selvi.breastclinic@gmail.com">selvi.breastclinic@gmail.com</a>	+919790914876
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## Reconstructive Surgery

Shivaram Bharathwaj, FRCS	Consultant Plastic Surgeon	<a href="mailto:selvi.breastclinic@gmail.com">selvi.breastclinic@gmail.com</a>	+914424610831
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## Pathology

Annapurneswari S., DNB	Head of Pathology Dpt.	<a href="mailto:annapurneswari_s@apollohospitals.com">annapurneswari_s@apollohospitals.com</a>	+914433151120
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## Medical Oncology

Shankar Srinivasan, MD	Consultant Medical Oncologist	<a href="mailto:srinivasangirija@gmail.com">srinivasangirija@gmail.com</a>	+919940080233
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Ganapathy Ramanan, MD	Consultant Medical Oncologist		+919840410194
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## Radiotherapy

Subathira Balasundaram, DNB	Consultant Radiologist	<a href="mailto:dr.subathira@gmail.com">dr.subathira@gmail.com</a>	+919791031847
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How to reach us



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**From airport:**

Chennai airport via Guindy , Adayar to MRC Nagar.

**By train:**

From central railway station, via beach road, Santhome to MRC Nagar.

**By bus or sub-way/underground:**

From Koyambedu bus station, via sterling road, Nungambakkam, Santhome to MRC Nagar.

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