



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Tata Medical Center - Kolkata, West Bengal, India

General Information



New breast cancer cases treated per year 1200

Breast multidisciplinary team members 16

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

The Breast Unit is a multidisciplinary team composed of dedicated breast surgeons, clinical and medical oncologists, psychiatrists, palliative care experts, breast care nurses, supported by radiologists, pathologists, nuclear medicine experts, trial and data coordinators. Clinical decisions are made on evidence-based institutional protocols, and are discussed in multidisciplinary team meetings. In the last year we performed 675 breast cancer operations, out of which 50% were breast conservation surgery. SLNB is offered to all eligible patients. Day-care-based chemotherapy and hypo-fractionated radiotherapy is our standard of care. We organize survivorship meeting once a month. Day-to-day clinical practice is recorded on the hospital's electronic medical record system. Apart from clinical activities, our unit encourages both investigator-initiated and sponsored research, with all protocols being approved by institutional review board. Tissue biobanking for future research is done with support from Tata Translational Cancer Research Centre, Kolkata. Our clinical and research data has won awards at national and international meetings, and has been published in peer-reviewed journals.

Tata Medical Center

New Town

700156 Kolkata, West Bengal,

Phone: +913366057000

Fax:

E-mail: sanjit.agarwal@tmckolkata.com

Web-site: www.tmckolkata.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** 3
- 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
- Bone Scan

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)** 800
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- 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** 2
- 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** 4

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
- Ki 67, Response Assesment, Pni, Dcis, Extensive Intraductal Component

Medical Oncology

- Dedicated Breast Medical Oncologists** 3
- 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)

Timor Bed Boost, IMRT, 3D Confrontational RT

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

Data and Trial Coordinators

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

Radiology

Saugata Sen, MD	Senior Consultant	saugata.sen@tmckolkata.com	+919830448007
Aditi Chandra, MD	Consultant	aditi.chandra@tmckolkata.com	+91 033-66057225
Priya Ghosh, MD	Consultant	priya.ghosh@tmckolkata.com	+91 03366057414

Breast Surgery

Rosina Ahmed, FRCS	Senior Consultant	rosina.ahmed@tmckolkata.com	+91-9830108211
Sanjit Kumar Agrawal, MS	Senior Consultant	sanjitgrwl@gmail.com	+919331309463
Abhishek Sharma, MS	Consultant	abhishek.sharma@tmckolkata.com	+91 33 66057001

Reconstructive Surgery

Gautam Biswas, MCh		gautam.biswas@tmckolkata.com	
Karnav Panchal, MCh	Consultant	karnav.panchal@tmckolkata.com	+91 033 66057001

Pathology

Indu Arun, MD	Consultant	indu.arun@tmckolkata.com	
Geetashree Mukherjee, MS	Senior Consultant	geetashree.mukherjee@tmckolkata.com	
Debadeep Dey, MD	Senior Consultant		

Medical Oncology

Deepak Dabkara, DM	Consultant	deepak.dabkara@tmckolkata.com	+918697348853
Joydeep Ghosh, DM	Consultant	joydeep.ghosh@tmckolkata.com	+91 03366057000
Sandip Ganguly, DM	Consultant	sandip.ganguly@tmckolkata.com	+91 03366057000

Radiotherapy

Sanjoy Chatterjee, FRCR	Senior Consultant	sanjoy.chatterjee@tmckolkata.com	+919038161825
Santam Chakroborty, MD	Consultant	santam.chakroborty@tmckolkata.com	+91 03366057000

How to reach us



Tata Medical Center

New Town

700156 Kolkata, West Bengal,

Phone: +913366057000

Fax:

E-mail: sanjit.agarwal@tmckolkata.com

Web-site: www.tmckolkata.com

From airport:

Netaji Subhash international airport is 10 km away from our hospital and it's well connected by public transportation.

By train:

Howrah railway station is 21 KM away from the hospital, well connected by all means of public transportation.

By bus or sub-way/underground:

Newtown bus station is the closest major station (only 1 Km away from hospital).

By car:

Good road connectivity from all part of city.

Last modified: 06 December 2019