Max Institute of Cancer Care, Max Healthcare - Delhi, India

General Information

Image: Max Institute of Cancer Care, Max Healthcare

New breast cancer cases treated per year 300

Breast multidisciplinarity team members 9

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

Clinical Director: **Geeta Kadayaprath**, FRCS

The Breast Unit of Max Institute of Cancer Care, Patparganj is a well-staffed and equipped unit that caters to about 300 cases of breast cancer every year. There is a close collaboration between surgical, medical, and radiation oncologists along with excellent support from radiologists, pathologists, physiotherapists, psychologists, geneticist, fertility specialists, and nurse practitioners, to deliver the best to the patients who come under our care. All cases are discussed in our twice-weekly MDTs to arrive at a consensus on what is optimum for each patient. We have the best in technology in terms of Diagnostics, Surgery as well as Radiation Oncology. There is a 1-year fellowship program in Breast Surgery and a 3-year post-doctoral course in Medical Oncology, which allows for a robust academic program. Clinical research, six-monthly audits, thesis submissions, Lymphedema Certificate courses, and Workshops form an integral part of the unit. Monthly Breast Support Group programs to handhold patients through treatment and beyond is also a much-appreciated endeavor of the Unit. A Patient volunteer group carved out of the Support group is actively engaged with new patient needs.

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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** 1200
- ☑ **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

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)** 254
- ☑ **Dedicated Breast Surgeons** 2
- ☑ **Surgeons with more than 50 surgeries per year** 1
- ☑ **Breast Surgery beds** 7
- ☑ **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** 1

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,

Medical Oncology

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

Radiotherapy

- [x] Dedicated Radiation Oncologists
- [x] Clinical Research

Available techniques after breast-conserving surgery (including experimental)

- [x] Whole-Breast RT (WBRT)
- [x] Partial breast irradiation (PBI):
  - [x] External beam PBI
  - [x] 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

- [x] Twice a week
- [ ] Weekly
- [ ] Every two weeks
- [ ] Other Schedule

Cases discussed at MDM/TB

- [x] Preoperative cases
- [x] Postoperative cases

Specialties/services participating in MDM/TB

- [x] Radiology
- [x] Breast Surgery
- [x] Reconstructive/Plastic Surgery
- [x] Pathology
- [x] Medical Oncology
- [x] Radiotherapy
- [x] Genetic Counselling
- [x] Breast Nurse Service
- [x] Psycho-oncology

Further Services and Facilities

Nuclear Medicine

- [x] Lymphoscintigraphy
- [x] Bone scan
- [x] Positron Emission Tomography (PET)
- [x] PET/CT scan

Rehabilitation

- [x] Prosthesis service
- [x] Physiotherapy
- [x] Lymph-oedema treatment

Genetic Counselling

- [x] Specialist Providing Genetic Counselling/Risk assessment service:
  - [x] Dedicated Clinical Geneticist
  - [ ] Medical Oncologist
  - [ ] Breast Surgeon
  - [ ] General Surgeon
  - [ ] Gynaecologist
- [x] Genetic Testing available
- [ ] Surveillance program for high-risk women

Data Management

- [x] Database used for clinical information
- [x] Data manager available

Contact details

Clinical Director

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Radiology

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Breast Surgery

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Reconstructive Surgery

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Pathology

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Medical Oncology

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Radiotherapy

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How to reach us

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From airport:

The distance between the airport to the Patparganj facility is about 26kms and can be covered in 45 minutes to an hour and 10 minutes depending on traffic

By train:

By Metro Rail- via the Airport Express line to Dwarka Sector 21- change to Blue Line going towards Vaishali and get off at Anand Vihar Station and now change to Pink Line and get off at IP Extension Station, which is right next to the hospital

By bus or sub-way/underground:

Bus No 534A from Airport Terminal 2 to Hasanpur Bus Depot. The Hospital is located about 200 metres from the Bus Depot

By car:

The distance between the airport to the Patparganj facility is about 26kms and can be covered in 45 minutes to an hour and 10 minutes depending on traffic, by car

Last modified: