



# BREAST CENTRES NETWORK

Synergy among Breast Units

## Showa University Hospital - Tokyo, Japan

### General Information

Image: Showa University Hospital

**New breast cancer cases treated per year** 200

**Breast multidisciplinary team members** 37

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

**Clinical Director:** Seigo Nakamura, MD, PhD

The breast centre of Showa University Hospital is located in the southern part of Tokyo and about 30 minutes by taxi from Haneda International Airport. It was established in 2010 by Prof. Seigo Nakamura, who moved from the Breast centre at St.Luke's International Hospital, Tokyo, which was the first breast centre in Japan. Showa university was founded in 1928, and it has provided high-quality medical education for a long time. Several attached hospitals were established with various functions to meet the needs of the local community. Our centre aims at patient-centred comprehensive care for breast cancer, and it consists of clinical examination rooms, diagnostic imaging facilities (MMG, Echo etc.), biopsy units, genetic counselling room and ribbon's house, which provide various kinds of support of care (anti-cancer drug hair loss measures, lectures by patients who had reconstructive surgeries and so on) Our ultimate goal is to diminish breast cancer in the future. Therefore, we are conducting clinical and basic research and providing educational opportunities, including international medical students and doctors.

### Showa University Hospital

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Web-site: [showa-breast.com/](http://showa-breast.com/)

CERTIFICATION(S) ACCREDITATION(S)

**Certified Institution**

Expiration date: 31 December 2022

Japanese Breast Cancer Society

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** 10
- Mammograms per year** 2000
- 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)** 660
- Dedicated Breast Surgeons** 15
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 20
- 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** 8

**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** 1
- 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**

Seigo Nakamura, MD, PhD      Director/Professor      [seigonak@med.showa-u.ac.jp](mailto:seigonak@med.showa-u.ac.jp)      +81-3-3784-8000

**Radiology**

Yoshimitsu Oogiya, MD, PhD      Professor

**Breast Surgery**

Seigo Nakamura, MD, PhD      Director and Professor

**Reconstructive Surgery**

Tomoaki Kuroki, MD, PhD      Associate Professor

**Pathology**

Toshiko Yamochi, MD, PhD      Professor

**Medical Oncology**

Junji Tsurutani, MD, PhD      Professor

**Radiotherapy**

Yoshinori Ito, MD, PhD      Professor

How to reach us



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**From airport:**

From the Haneda International Airport, it takes about 30 minutes by car.

**By train:**

It takes about 5-minute walk from Hatnodai station of Tokyu Oimachi line or Tokyu Ikegami line.

**Last modified:**