



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Hôpital Saint-Louis - Paris, France

### General Information



**New breast cancer cases treated per year** 800

**Breast multidisciplinary team members** 14

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

**Clinical Director:** Marc Espié, MD

The breast disease centre of Saint-Louis hospital was set up in the late 70s. It groups all the specialists and nurses involved in mastology together in one and the same place. 12,000 medical consultations are given there every year. In addition to the management of patients, we carry on training and research activities. We have established a university diploma in breast diseases and published a work entitled *Le Sein* (the Breast), ESKA publishing house, a book of reference in French, covering all mastology fields. Every year, we organize a congress: the Saint Louis Hospital Interactive Mastology Conference. We have set up an all-embracing network of care provision: Saint-Louis breast network (<http://www/saint-louis-reseau-sein.org>) ensuring alternate monitoring between private practice and hospital and offering supportive care to patients.

### Hôpital Saint-Louis

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Web-site: [www.centre-maladies-sein-saint-louis.org](http://www.centre-maladies-sein-saint-louis.org)

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** 2
- 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)
- Tomosynthesis

**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)** 1100
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 4
- 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
- ✓ Lipofilling

**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)
- ✓ P53, SISH, ENDOPREDICT

**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** 4
- ✓ **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

Molecular Oncology

## Further Services and Facilities

**Nuclear Medicine**

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

**Rehabilitation**

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Aesthetic Counselling

**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

Marc Espié, MD	Associate Professor	<a href="mailto:marc.espie@aphp.fr">marc.espie@aphp.fr</a>	+33142499293
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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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**From airport:**

By subway or bus from Charles de Gaulle airport or from Orly airport.

**By train:**

Gare de l'Est or Gare du Nord.

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

Subway stations: Goncourt, Bonsergent, Gare de l'Est or République.

Bus lines 46 or 75.

**By car:**

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**Last modified:** 09 April 2018