Hôpital Saint-Louis - Paris, France

General Information

| New breast cancer cases treated per year | 800 |
| Breast multidisciplinarity 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
1 Avenue Claude Vellefaux
75010 Paris,
Phone: +33142499293
Fax: +33142494473
E-mail: marc.espie@aphp.fr
Web-site: www.centre-maladies-sein-saint-louis.org
### Available services

- 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

- Nuclear Medicine
  - Data Management
  - Psycho- oncology
  - Breast Nurses

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

### Radiology

#### 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**  
- **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**  

**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)
- PS3, 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**  
- **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
**Clinical Director**

Marc Espié, MD  
Associate Professor  
marc.espie@aphp.fr  
+33142499293

**Radiology**

Marcella Albiter, MD  
Breast Radiologist  
marcella.albiter@sls.aphp.fr  
+33142494949

Cedric De Bazelaire, MD  
Breast Radiologist  
cedric.de-bazelaire@sls.aphp.fr  
+33142494949

**Breast Surgery**

Edwige Boursyn, MD  
Breast Surgeon  
edwige.boursyn@sls.aphp.fr  
+33142494949

Laurence Cahen Doidy, MD  
Breast Surgeon  
laurence.cahen-doidy@sls.aphp.fr  
+33142494949

**Reconstructive Surgery**

Jean Masson, MD  
Breast Plastic Surgeon  
jean.masson@sls.aphp.fr  
+33142494949

Maurice Mimoun  
Head of Dpt.  
maurice.mimoun@aphp.fr

**Pathology**

Anne de Roquancourt, MD  
Associate Professor  
anne.de-roquancourt@sls.aphp.fr  
+33142494949

Philippe Bertheau, MD, PhD  
Professor  
philippe.bertheau@sls.aphp.fr  
+33142494949

Catherine Miquel, MD, PhD  
  
catherine.miquel@aphp.fr  
+33142499939

**Medical Oncology**

Caroline Cuvier, MD  
Breast Medical Oncologist  
caroline.cuvier@sls.aphp.fr  
+33142494949

Sylvie Giacchetti, MD  
Breast Medical Oncologist  
sylvie.giacchetti@sls.aphp.fr  
+33142494949

Luis Teixeira, PhD  
  
luis.teixeira@sls.aphp.fr  
+33142494949

**Radiotherapy**

Christophe Hennequin  
Head of Radiotherapy Dpt.  
christophe.hennequin@sls.aphp.fr  
+33142494949

Sophie Guillerm, MD  
praticien hospitalier  
sophie.guillerm@aphp.fr  
+33142494949
How to reach us

**Hôpital Saint-Louis**

1 Avenue Claude Vellefaux
75010 Paris,
Phone: +33142499293
Fax: +33142494473
E-mail: marc.espie@aphp.fr
Web-site: www.centre-maladies-sein-saint-louis.org

**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:**
1 avenue Claude Vellefaux - 75010 - Paris, France

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