



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Erasme Hospital Free University of Brussels - Brussels, Belgium

General Information



New breast cancer cases treated per year **150**

Breast multidisciplinary team members **9**

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

Clinical Director: Philippe Simon, MD, PhD

The Breast Unit of our academic hospital covers the whole spectrum of breast diseases. We provide care for benign diseases as well as for all stages of breast cancer. We take part in the national breast cancer screening program, support and provide public education and strongly emphasize and support continuous education of our own team. We perform all diagnostic interventions with all imaging modalities. We work in perfect cooperation among the departments of haematology/oncology, pathology, radiation therapy and psychotherapy/psychosomatic medicine. There are interdisciplinary meetings held at least once a week concerning diagnostic procedures, surgical approaches, presentation of pathological results and further post-operative management in terms of, e.g. chemotherapy or radiation therapy for breast cancer patients (interdisciplinary tumour conference). Patient support is granted by one breast-care nurse and one clinical psychologist. Physiotherapy and lymph-oedema treatment are available for all our patients, and palliative care is well established.

Erasme Hospital Free University of Brussels

Route De Lennik 808

1070 Brussels,

Phone: +3225553684

Fax: +3225556841

E-mail: cliniquedusein@ulb.ac.be

Web-site: <http://www.ulb.ac.be>

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** 12500
- 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)** 200
- Dedicated Breast Surgeons** 2
- Surgeons with more than 50 surgeries per year** 2
- Breast Surgery beds** 5
- Breast Nurse specialists** 1
- 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 3

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

Medical Oncology

Dedicated Breast Medical Oncologists 2

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

Philippe Simon, MD, PhD	Head Clinics of Gynaecology	philippe.simon@erasme.ulb.ac.be	+3225553685
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Radiology

Ana Andres, MD	Staff Radiologist		
Mariem Sy, MD	Head of Mammography Clinic	mariem.sy@erasme.ulb.ac.be	+3223185783

Breast Surgery

Philippe Simon, MD, PhD	Head of Gynaecology Dpt.	philippe.simon@erasme.ulb.ac.be	
Jeremy Haut, MD	Consultant		

Reconstructive Surgery

Berthe Jean Valery, MD	Consultant		
de Fontaine Serge, MD, PhD	Head of Plastic Surgery Dpt.		
Veerle Dhont, MD	Staff Member		

Pathology

Jean Christophe Noël, MD, PhD	Head of the Gynecopathology and Senology Clinic	Jean-Christophe.Noel@erasme.ulb.ac.be	
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Medical Oncology

Sylvie Luce, MD	Staff of Medical Oncology Dpt.	sluce@ulb.ac.be	
Michael Ignatidis, MD	Consultant		

Radiotherapy

Alex De Caluwe, MD	Consultant		
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How to reach us



Erasme Hospital Free University of Brussels

Route De Lennik 808

1070 Brussels,

Phone: +3225553684

Fax: +3225556841

E-mail: cliniquedusein@ulb.ac.be

Web-site: <http://www.ulb.ac.be>

From airport:

Website: <http://www.brusselsairport.be/>

From Brussels National Airport, take the West Ring (RO) and exit 'ULB Erasme' (No. 16 or 15a).

At the exit, follow signs 'ULB Erasme Hospital'.

By train:

SNCB information: +32(0)2 5552525 - Website: <http://www.sncb.be/>.

BITS Information: +32(0)2 5152000 - Website: <http://www.stib.irisnet.be/>.

From Central Station: take the subway (line 1B) direction 'Erasme'. Get off at 'Erasme Hospital' (terminus). The journey takes about 35 minutes.

From Gare du Nord: take tram 23 direction 'Heysel'. Get off at 'De Brouckere'. Walk to the stop 'De Brouckere' (for correspondence). Take the subway (line 1B) direction 'Erasme'. Get off at 'Erasme Hospital' (terminus).

The journey takes about 30 minutes.

From Gare du Midi: Walk to the station 'Midi B', located South Station - Indoor Street / Avenue Fonsny. Take tram 56 direction 'Erasme' (destination CERIA). Get off at 'Debussy.' Take the subway (line 1B) direction

'Erasme'. Get off at 'Erasme Hospital' (terminus). The journey takes about 20 minutes.

By bus or sub-way/underground:

Information BITS: +32(0)2 5152000 - Website: <http://www.stib.irisnet.be/> De Lijn Bus Information & Schedules: +32(0)2 5262811 - Website: <http://www.delijn.be/>

The inauguration of the new metro station Erasmus took place on 15 September 2003. This new station is the terminus of the line 1B, resulting from the extension of the current line 'Stockel - Bizet.

By car:

From motorways Namur (E411/A4), Liège (E40/A3), Antwerp (E19), Ostend (A10), Charleroi (E19/A9), take exit 'ULB Erasme' (No. 16 or 15a) on Brussels ring. At the exit, follow signs 'ULB Erasme Hospital.

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