



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ AZ Maria Middelaes - Gent, Belgium

### General Information



**New breast cancer cases treated per year** 155

**Breast multidisciplinary team members** 13

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

**Clinical Director:** Ximena Elzo Kraemer, MD

The breast center of Maria Middelaes has been recognized as a breast clinic since 2007. Since our clinic treated a sufficient number of patients and therefore has a large experience, we proceeded in 2014 to the recognition of "coordinating breast clinic". A 'coordinating breast clinic' has a range of patient care focused on the diagnosis, the multidisciplinary consultation, multidisciplinary treatment, rehabilitation and follow-up of patients with malignant diseases of the breast. Our coordinating breast clinic focuses on multidisciplinary consultation and the necessary experience of the doctors involved. The breast clinic provides a rehabilitation program that incorporates both the physical, psychological and social aspect. Nursing expertise and guidance with psychologists are other requirements for a coordinating chest clinic. A coordinating breast clinic can enter into a formalized partnership with several satellite breast clinics. On the homepage of our breast centre we sketch the broad outlines of detection, diagnosis and treatment of breast cancer. We also give a brief presentation of our specialized and dynamic team that assists and guides our patients.

### **AZ Maria Middelaes**

Buitenring Sint-Denis 30

9000 Gent,

Phone: +3292469520

Fax:

E-mail: [borstcentrumgent@azmmsj.be](mailto:borstcentrumgent@azmmsj.be)

Web-site: [www.borstcentrumgent.be](http://www.borstcentrumgent.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** 3
- Mammograms per year** 6000
- 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)** 190
- Dedicated Breast Surgeons** 4
- Surgeons with more than 50 surgeries per year** 1
- Breast Surgery beds** 7
- 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** 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** 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)

### 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

Nutritional Counselor, Data Management, Nuclearist

## Further Services and Facilities

**Nuclear Medicine**

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

PET-CT Supervising

**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

Ximena Elzo Kraemer, MD	Head of the breast cancer unit	<a href="mailto:x.elzokraemer@azmmsj.be">x.elzokraemer@azmmsj.be</a>	+3292468950
-------------------------	--------------------------------	--	-------------

## Radiology

Stefan Palmers, MD	Radiologist, Head Of The Department	<a href="mailto:stefan.palmers@azmmsje.be">stefan.palmers@azmmsje.be</a>	+322469715
--------------------	-------------------------------------	--	------------

## Breast Surgery

Johan Van Ginderachter, MD	Gynaecologist -Oncology Surgeon	<a href="mailto:johan.vanginderachter@azmmsj.be">johan.vanginderachter@azmmsj.be</a>	+3292468018
----------------------------	---------------------------------	--	-------------

Tessa Van Oostveldt, MD	Gyneacologist - Oncology Surgeon	<a href="mailto:tessa.vanoostveldt@azmmsj.be">tessa.vanoostveldt@azmmsj.be</a>	+3292468019
-------------------------	----------------------------------	--	-------------

Annick Decraene, MD	Gyneacologist - Oncology Surgeon	<a href="mailto:annick.decraene@azmmsj.be">annick.decraene@azmmsj.be</a>	+3292468013
---------------------	----------------------------------	--	-------------

Valerie Vergucht, MD	Staff Surgeon	<a href="mailto:valerie.vergucht@azmmsj.be">valerie.vergucht@azmmsj.be</a>	+3292467418
----------------------	---------------	--	-------------

## Reconstructive Surgery

Rudolf Vertriest, MD	Plastic Surgeon	<a href="mailto:rudolf.vertriest@azmmsj.be">rudolf.vertriest@azmmsj.be</a>	+3292467500
----------------------	-----------------	--	-------------

## Pathology

Mieke Coppens, MD	Pathologist	<a href="mailto:mieke.coppens@azmmsj.be">mieke.coppens@azmmsj.be</a>	+3292469270
-------------------	-------------	--	-------------

## Medical Oncology

Ximena Elzo Kraemer, MD	Medical Oncologist	<a href="mailto:x.elzokraemer@azmmsje.be">x.elzokraemer@azmmsje.be</a>	+3292468950
-------------------------	--------------------	--	-------------

Christof Vulsteke, PhD	Medical Oncologist	<a href="mailto:christof.vulsteke@azmmsje.be">christof.vulsteke@azmmsje.be</a>	+3294768950
------------------------	--------------------	--	-------------

## Radiotherapy

Laurence Goethals, MD, PhD	Radiation Oncologist	<a href="mailto:laurence.goethals@azgroeninge.be">laurence.goethals@azgroeninge.be</a>	0032566339000
----------------------------	----------------------	--	---------------

## How to reach us

**AZ Maria Middelaes**

Buitenring Sint-Denis 30

9000 Gent,

Phone: +3292469520

Fax:

E-mail: [borstcentrumgent@azmmsj.be](mailto:borstcentrumgent@azmmsj.be)

Web-site: [www.borstcentrumgent.be](http://www.borstcentrumgent.be)

**From airport:**

Airport name: Brussels airport international Airport name: Brussels south (Charleroi) In both cases you can reach our breast centre easily by car or by train.

**By train:**

Station Name: Gent Sint-Pieters

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

Tram line 1: stop Maalte Bus line 76 -77 -78: stop Maalte

**By car:**

Follow the direction OOSTENDE (E40) and take exit nr 14, Expo-Sint Denijs Westrem. Follow N43 direction R4/Zelzate/Eeklo/St Martens Latem. On the R4 follow direction N60/Zwijnaarde. After about 1 km take the exit to Maria Middelaes.

**Last modified:** 17 May 2017