



BREAST CENTRES NETWORK

Synergy among Breast Units

★ San Giovanni Battista/Molinette/Breast Unit - Turin, Italy

General Information



New breast cancer cases treated per year 450

Breast multidisciplinary team members 24

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

Clinical Director: Mario Boccadoro, PhD

The Interdepartmental Breast Unit of San Giovanni Battista Hospital in Turin was inaugurated in September 2009 and has now become one of the main breast cancer referral centers in Piedmont.

We can offer a multidisciplinary breast cancer management to carefully and accurately respond to patient needs with effective treatments ensuring adequate quality of life and overall quality of care at every stage of the neoplastic disease.

The multidisciplinary approach is based on the best treatments available on breast cancer according to guidelines and most-recent scientific evidence and moreover clinical research is an important part of our activity.

San Giovanni Battista/Molinette/Breast Unit

Corso Bramante 88

10126 Turin, Italy

Phone: +390116334794

Fax: +390116334139

E-mail: breastunit@molinette.piemonte.it

Web-site: www.molinette.piemonte.it

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** 5
- Mammograms per year** 35000
- 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)** 500
- Dedicated Breast Surgeons** 5
- Surgeons with more than 50 surgeries per year** 4
- Breast Surgery beds** 8
- Breast Nurse specialists** 6
- 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 _____ 3

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 _____ 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

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

Mario Boccadoro, PhD	Head of Oncohaematology Department	mario.boccadoro@cittadellasalute.to.it	+390116336728
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Radiology

Giovanna Mariscotti, MD	Breast Radiologist	giovanna.mariscotti@libero.it	+393355895327
Alfonso Frigerio, MD	Head of Turin Breast Screening	alfonso.frigerio@cpo.it	+393391771720

Breast Surgery

Riccardo Bussone, PhD	Breast Surgery Chief	bussonericcardo@virgilio.it	+393403096584
Ada Ala, MD	Breast Surgeon	aala@cittadellasalute.to.it	+393771878476

Reconstructive Surgery

Stefano Bruschi, PhD	Plastic/Reconstructive Surgery Chief	stefano.bruschi@unito.it	
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Pathology

Anna Sapino, PhD	Pathology Chief	anna.sapino@unito.it	+393482689718
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Medical Oncology

Michela Donadio, MD	Breast Oncology Chief	arly.donadio@alice.it	+393358183222
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Radiotherapy

Paolo Rovea, MD	Radiation Oncologist	provea@cittadellasalute.to.it	+393357267688
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How to reach us



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From airport:

From 'Turin-Caselle Airport' you can reach San Giovanni Battista Hospital in about 30 minutes by car or by bus connection to the city centre.

By train:

From 'Porta Nuova' station you can easily reach San Giovanni Battista Hospital in about 6 minutes by subway connection (Piazza Carducci subway station).

By bus or sub-way/underground:

You can easily reach San Giovanni Battista Hospital by Bus connection (18-1-34-35) or with subway (Piazza Carducci subway Station).

By car:

You can reach San Giovanni Battista Hospital by car, by 'Corso Unita' d'Italia' highway exit.

Breast Unit entry is on Cherasco street n°23.

Last modified: 20 December 2011