

BREAST CENTRES NETWORK

Synergy among Breast Units

Ospedale Perrino - Brindisi, Italy

General Information



New breast cancer cases treated per year 215

Breast multidisciplinarity team members 17 Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Saverio Cinieri, MD

Today, to take care of a patient affected by breast cancer means to establish a clear journey from the first moment, integrating it with all diagnostic and therapeutic disciplines, validating it by protocols and adapting to any single case. Breast cancer surely represents the best example to understand the sense of a multidisciplinary approach in modern medicine and how traditional branches are changing, defining new professional shapes. UE commission recommended that 'every women affected by breast cancer is entitled to be treated by a multidisciplinary group' and invites every member state to develop a network of certified breast units that satisfy high quality criteria. We improve our team day by day!

Ospedale Perrino

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Available services

Radiology Vuclear Medicine Social Workers Rehabilitation Mutritional Counselling Breast Surgery Reconstructive/Plastic Surgery Genetic Counselling Survivorship Groups Z Data Management Sexual Health Counselling **Pathology** Psycho-oncology Supportive and Palliative Care Medical Oncology **Radiotherapy** Breast Nurses Integrative Medicine Radiology **V** Dedicated Radiologists 5 Available imaging equipment Available breast tissue sampling equipment Mammograms per year 3000 Mammography Breast radiographers Stereotactic Biopsy (Mammography VItrasound Screening program quided) Core Biopsy (Tru-cut) Magnetic Resonance Imaging (MRI) Verification for non-palpable breast lesions Vacuum assisted biopsy Available work-up imaging on specimen equipment 🗹 Ultrasound-guided biopsy Axillary US/US-guided Fine-needle aspiration biopsy Computer Tomography **FNAB** (FNAB, cytology) **V**Itrasound Clinical Research Core Biopsy Magnetic Resonance Imaging (MRI) Vacuum assisted biopsy V PET/CT scan MRI-guided biopsy Primary technique for localizing Core Biopsy non-palpable lesions Vacuum assisted biopsy Hook-wire (or needle localization) Charcoal marking/tattooing ROLL: radio-guided occult lesion localization

Breast Surgery

New operated cases per year (benign and malignant) 310
 Dedicated Breast Surgeons 3
 Surgeons with more than 50 surgeries per year 1
 Breast Surgery beds 6
 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 Type of breast reconstructive surgery available Immediate Reconstruction available Remodelling after breast-conserving surgery Reconstruction after mastectomy: V Two-stage reconstruction (tissue expander followed by implant) ✓ One-stage reconstruction Autogenous tissue flap V Latissimus dorsi flap Transverse rectus abdominis (TRAM) Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.) Surgery on the contralateral breast for symmetry ☑ Lipofilling, Acellular Dermal Matrix

Pathology

Dedicated Breast Pathologists	3	Other special studies available
Available studies		☐ Fluorescence in-situ Hybridization for HER-2 gene (FISH)
🗹 Cytology		Oncotype Dx (21-gene assay)
🗹 Haematoxylin & eosin section (H&E)		MammaPrint (70-gene microarray)
Surgical specimen		Prediction Analysis of Microarray 50-gene set (PAM 50)
Sentinel node		SNA in Sentinel Linfonode
Core biopsy		Parameters included in the final pathology report
Frozen section (FS) Surgical specimen		Pathology stage (pT and pN)
Sentinel node		V Tumour size (invasive component in mm)
🗹 Immunohistochemistry stain (IHC)		🗹 Histologic type
Estrogen receptors		🗹 Tumor grade
Progesterone receptors		ER/PR receptor status
HER-2		🗹 HER-2/neu receptor status
₩ Ki-67		🗹 Peritumoural/Lymphovascular invasion
		Margin status

Medical Oncology

M Dedicated Breast Medical Oncologists	3
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)
- 🗹 IORT incoming

Multidisciplinary Meeting (MDM) / Tumour Board (TB)

Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
Twice a week	Radiology
Veekly	Marast Surgery
Every two weeks	Reconstructive/Plastic Surgery
Other Schedule	V Pathology
Cases discussed at MDM/TB	Medical Oncology
	Radiotherapy
Preoperative cases	Genetic Counselling
Postoperative cases	Marast Nurse Service
	🗹 Psycho-oncology

Further Services and Facilities

Nuclear Medicine

- V Lymphoscintigraphy
- 🗹 Bone scan
- Positron Emission Tomography (PET)
- Vertical PET/CT scan

Rehabilitation

- 🗹 Prosthesis service
- 🗹 Physiotherapy
- V Lymph-oedema treatment

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

- Dedicated Clinical Geneticist
- Medical Oncologist
- Breast Surgeon
- General Surgeon
- Gynaecologist
- Psycho-oncologist
- Genetic Testing available
- Surveillance program for high-risk women

Data Management

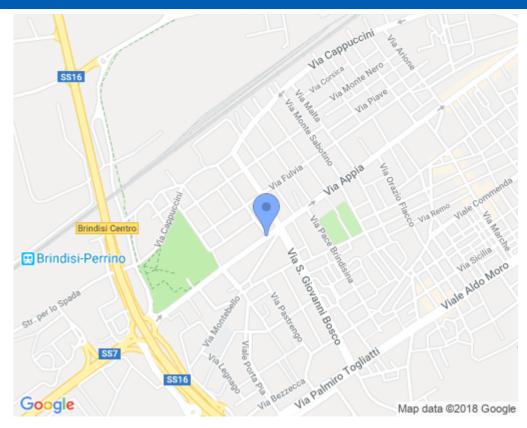
- Database used for clinical information
- 🗹 Data manager available

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How to reach us



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By car:

S.S. 379 Bari-Lecce.

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