General Information

<table>
<thead>
<tr>
<th>New breast cancer cases treated per year</th>
<th>350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast multidisciplinarity team members</td>
<td>15</td>
</tr>
<tr>
<td>Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses</td>
<td></td>
</tr>
<tr>
<td>Clinical Director: Francesca Martella, MD</td>
<td></td>
</tr>
</tbody>
</table>

Our Breast Unit provides care of breast cancer patients from the diagnosis to follow up. Our division is composed by radiologist, surgeons with specific oncoplastic competence, medical oncologists, radiotherapists, genetist. Our breast dedicated nurses offer continuous support during all steps of treatment. The unit also offers psychoncological help and access to complementary therapies.

**Ospedale Santa Maria Annunziata**

Via dell'Antella
50012 Bagno a Ripoli,
Phone: +39 0556936364
Fax:
E-mail: senologia.osma@asf.toscana.it
## Available services

<table>
<thead>
<tr>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiology</td>
</tr>
<tr>
<td>Breast Surgery</td>
</tr>
<tr>
<td>Reconstructive/Plastic Surgery</td>
</tr>
<tr>
<td>Pathology</td>
</tr>
<tr>
<td>Medical Oncology</td>
</tr>
<tr>
<td>Radiotherapy</td>
</tr>
<tr>
<td>Nuclear Medicine</td>
</tr>
<tr>
<td>Rehabilitation</td>
</tr>
<tr>
<td>Genetic Counselling</td>
</tr>
<tr>
<td>Data Management</td>
</tr>
<tr>
<td>Psycho-oncology</td>
</tr>
<tr>
<td>Breast-onoecology</td>
</tr>
<tr>
<td>Social Workers</td>
</tr>
<tr>
<td>Nutritional Counselling</td>
</tr>
<tr>
<td>Survivorship Groups</td>
</tr>
<tr>
<td>Sexual Health Counselling</td>
</tr>
<tr>
<td>Supportive and Palliative Care</td>
</tr>
<tr>
<td>Integrative Medicine</td>
</tr>
</tbody>
</table>

### Radiology

- **Dedicated Radiologists**: 3
- **Mammograms per year**: 3000
- **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**

### Breast Surgery

- **New operated cases per year (benign and malignant)**: 640
- **Dedicated Breast Surgeons**: 2
- **Surgeons with more than 50 surgeries per year**: 2
- **Breast Surgery beds**: 6
- **Breast Nurse specialists**: 3
- **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
- Fat grafting

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)
- SISH

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
- Lymphovascular invasion, perineural invasion

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

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francesca Martella, MD</td>
<td>Medical Oncologist</td>
<td><a href="mailto:francesca.martella@asf.toscana.it">francesca.martella@asf.toscana.it</a></td>
<td>+39 3470320034</td>
</tr>
</tbody>
</table>

## Radiology

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leonardo Gelli, MD</td>
<td>Staff Radiologist</td>
<td><a href="mailto:leonardo.gelli@asf.toscana.it">leonardo.gelli@asf.toscana.it</a></td>
<td>+39 3477817659</td>
</tr>
</tbody>
</table>

## Breast Surgery

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrea Herd-Smith, MD</td>
<td>Head of Surgery Dpt.</td>
<td><a href="mailto:andrea.herd-smith@asf.toscana.it">andrea.herd-smith@asf.toscana.it</a></td>
<td>+39 3394268365</td>
</tr>
<tr>
<td>Lorenzo Galli, MD</td>
<td>Oncoplastic Surgeon</td>
<td><a href="mailto:lorenzo.galli@asf.toscana.it">lorenzo.galli@asf.toscana.it</a></td>
<td>+39 3386920593</td>
</tr>
</tbody>
</table>

## Reconstructive Surgery

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lorenzo Galli, MD</td>
<td>Oncoplastic Surgeon</td>
<td><a href="mailto:lorenzo.galli@asf.toscana.it">lorenzo.galli@asf.toscana.it</a></td>
<td>+39 3386920593</td>
</tr>
</tbody>
</table>

## Pathology

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galliano Tinacci, MD</td>
<td>Pathologist</td>
<td><a href="mailto:galliano.tinacci@asf.toscana.it">galliano.tinacci@asf.toscana.it</a></td>
<td></td>
</tr>
</tbody>
</table>

## Medical Oncology

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francesca Martella, MD</td>
<td>Head of Breast Unit</td>
<td><a href="mailto:francesca.martella@asf.toscana.it">francesca.martella@asf.toscana.it</a></td>
<td></td>
</tr>
</tbody>
</table>

## Radiotherapy

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francesca Rossi, MD</td>
<td>Radiotherapist</td>
<td><a href="mailto:francesca.rossi@asf.toscana.it">francesca.rossi@asf.toscana.it</a></td>
<td></td>
</tr>
</tbody>
</table>
Ospedale Santa Maria Annunziata

Via dell'Antella
50012 Bagno a Ripoli,
Phone: +39 0556936364
Fax:
E-mail: senologia.osma@asf.toscana.it

From airport:
Florence Airport. Go to Bagno a Ripoli (Florence south zone) and reach Via dell'Antella.

By train:
Florence Santa Maria Novella train station. Go to Bagno a Ripoli (Florence south zone) and reach Via dell'Antella.

By bus or sub-way/underground:
Go to Bagno a Ripoli (Florence south zone) by bus number 32 and reach Via dell'Antella.

By car:
Exit at Firenze Sud on the motorway. Go to Bagno a Ripoli (Florence south zone) and reach Via dell'Antella.

Last modified: 06 November 2015