



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Centro di Senologia della Svizzera Italiana - Viganello - Lugano, Switzerland

General Information



New breast cancer cases treated per year **232**

Breast multidisciplinary team members **15**

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

Clinical Director: **Francesco Meani, MD**

The Breast Unit of Southern Switzerland in Canton Ticino is a specific Cantonal Hospital Corporation department (EOC, Ente Ospedaliero Cantonale). The breast unit started its activity in May 2005 and is called CENTRO DI SENOLOGIA DELLA SVIZZERA ITALIANA. The breast unit's primary purpose is to integrate early detection activities with state-of-the-art breast disease treatment and offer a competent second opinion. Outpatient clinics and treatment facilities are situated in two different canton locations: Ospedale Regionale di Lugano and Ospedale Regionale di Bellinzona e Valli - San Giovanni.

Centro di Senologia della Svizzera Italiana

Ospedale Italiano

6962 Viganello - Lugano,

Phone: +41918117696

Fax: +41918117692

E-mail: senologia@eoc.ch

Web-site: www.eoc.ch

CERTIFICATION(S) ACCREDITATION(S)

BCCERT - Breast Centres Certification

Expiration date: 04 June 2023



[Certification document \(original lang.\)](#)

[Certification document \(eng lang.\)](#)

Q-Label Marchio di qualità della Lega svizzera contro il cancro

Expiration date: 24 February 2022

Image: Q-Label Marchio di

Lega svizzera contro il
cancro

This Centre has notified to be certified and, as such, been requested to upload the certification document for further information. When the certification document/s is/are provided, it is/they are made available hereafter.

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** 12000
- 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)
- Minimal Invasive Breast Biopsy (MIBB)

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)** 232
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 12
- 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** 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** 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

Francesco Meani, MD	Clinical Director	francesco.meani@eoc.ch	+41918117696
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Radiology

Valerio Arcangelo Vitale, MD	Radiologist, Lugano	valerioarcangelo.vitale@eoc.ch	+41918116370
Angela Lia Scarano, MD	Radiologist	AngelaLia.Scarano@eoc.ch	+41918114865
Manganiello Mario, MD	Radiologist	Mario.Manganiello@eoc.ch	+41918113361

Breast Surgery

Claudia Canonica, MD	Head of Gynaecology Dpt., Bellinzona	claudia.canonica@eoc.ch	+41 91 811 90 68
Francesco Meani, MD	Staff Surgeon, Gynaecology Dpt.	francesco.meani@eoc.ch	+41 91 811 76 96
Roberta Decio, MD	Surgeon	Roberta.Decio@eoc.ch	+41918117697

Reconstructive Surgery

Yves Harder, PhD	Head of Reconstruction, Plastic and Aesthetic Surgery Dpt.	yves.harder@eoc.ch	+41 91 811 75 47
Daniel Schmauss, MD	Staff Surgeon; Reconstruction, Plastic and Aesthetic Surgery Dpt.	Daniel.Schmauss@eoc.ch	+4191 811 75 38

Pathology

Luca Mazzucchelli, PhD	Pathologist	luca.mazzucchelli@ti.ch	+41918160711
Ulrike Perriard, MD	Pathologist	ulrike.perriard@ti.ch	+41 91 816 07 11
Paola Migliora, MD	Pathologist	Paola.Migliora@ti.ch	

Medical Oncology

Marzia Conti Beltraminelli	Medical Oncologist	marzia.contibeltraminelli@eoc.ch	+41918117900
Rosaria Condorelli	Medical Oncologist	Rosaria.Condorelli@eoc.ch	+41918114841

Radiotherapy

Antonella Richetti, MD	Radiotherapist	antonella.richetti@eoc.ch	+41918119193
Maria Carla Valli, MD	Radiotherapist	mariacarla.valli@eoc.ch	+41918119430

How to reach us



Centro di Senologia della Svizzera Italiana

Ospedale Italiano

6962 Viganello - Lugano,

Phone: +41918117696

Fax: +41918117692

E-mail: senologia@eoc.ch

Web-site: www.eoc.ch

From airport:

Airport of Lugano Agno.

LUGANO: 10 min. by taxi.

BELLINZONA: 30 min. by taxi.

By train:

Both LUGANO and BELLINZONA have a train station.

By bus or sub-way/underground:

LUGANO: bus n. 4 from the train station.

BELLINZONA: bus n. 5 from the train station.

By car:

2H30 from Zurich. 1.5H from Milan (Italy).

Last modified: 23 February 2021