

ESGO ACCREDITED SUBSPECIALIST TRAINING PROGRAMME IN GYNAECOLOGICAL ONCOLOGY HOSPITAL VALL D´HEBRON

Introduction

The **ESGO accredited Gynecology-Oncology** training program is a subspecialist training program for a recognized specialist in Obstetrics and Gynaecology structured in the minimum of two years (two years of training in Gynaecology-Oncology and an optional year of Breast Surgical Oncology training).

The Gynaecological Oncology training program is done to train a subspecialist who improve the care of patients with gynaecological malignancies, in collaboration with others care providers. The guidelines and protocols followed are designed by the SEGO, the Spanish national professional body.

Training Program Supervisor: **A. Gil-Moreno, MD, PhD**

Breast Surgical Oncology program tutor: I. Rubio, MD, PhD

Objectives of the training

To train a subspecialist following the European standard to be capable of:

- improve knowledge, practice, teaching, research and auditing;
- co-ordinate and promote collaboration in organising the service;
- provide leadership in development and research within the subspecialty.

How is it structured? *see in detail at annexe 1*

- The trainee will be involved in all the activities of gynaecological oncology unit during this time: weekly organization chart is provided with 3 days of Operating theater to acquire the surgical training and 2 days of out- patients care. In the morning the trainee visit the in-patients at the hospital ward.
- General surgical and urology training with the supervision of a general surgeon (O. Puig Puig, MD) is made while gynecologic oncology surgery.

The following skills are acquired through the multidisciplinary weekly tumor board and rotations supervised by:

- Radiotherapy; Dra. R. Verges (Oncological radiotherapy unit);
- Medical oncology; Dra. Oaknin (Clinical Oncology unit);
- Cytological diagnosis, pathology and tumor biology.; Dr. A. Garcia (Cyto pathology unit);
- Imaging; Dr. Escudero (Radiologist Unit):
- Psycho-oncology, Irene Mensa (by session arranged with the Psicooncologist)

How is it supported?

The Arrangements for postgraduate training is supported by a national grant provided by the national section of Gynecology Oncology of the Spanish Obstetrics and Gynaecology society (SEGO) and co financed by our Institution with a contract compatible with national employment.

Annexe 1: Program structure:

FIRST YEAR: PELVIS

• **Gynaecological Oncology Unit**

- Operating theater (3 days/week):
 - Comprehensive knowledge of the regional anatomy of the pelvis.
 - Detailed knowledge of the surgical anatomy of relevant bones, joints, muscles, blood vessels, lymphatics and nerve supply of the pelvis. Ureter. Avascular spaces.
 - Acquire the surgical skills in laparoscopic and open surgery and participated as assistant in robotic surgeries
- Out- patients care (2 days/week):
 - Comprehensive knowledge of epidemiology, etiology, prevention, screening, diagnostic techniques, prognostic factors and staging of gynaecological tumours and their management and follow up.
 - Preinvasive pathology (Hysteroscopy and cervical pathology)
- In-patients at the hospital ward (in the morning):
 - Comprehensive knowledge of the complications of surgery in gynaecological oncology and of post-operative care.

Optional:

University Postgraduated Master in Gynaecological Endoscopy

directed by A. Gil Moreno PhD

One week pro month from September to June, 60 ECTS, 8-9 students per year

Morning programm: operating theater / experimental surgery at the Universidad Aut3noma de Barcelona animal house.

Afternoon programm: theory lessons given by our staff and by different national specialist. (mandatory for fellow)

Special final robotic week lead by Prof. J. Magrina.

(http://www.uab.cat/web/postgrado/master-en-endoscopia-ginecologica/informacion-general-1206597472083.html/param1-2204_es/param2-2008/)

SECOND YEAR: UPPER ABDOMEN

- **Gynaecological Oncology/ General surgical and urology training**
 - Operating theater (3 days/week):
 - Comprehensive knowledge of the regional anatomy of the upper abdomen. Detailed knowledge of the surgical anatomy of relevant muscles, blood vessels, organ, lymphatics and nerve supply of the abdomen.
 - Surgical treatment of advanced cancer and recurrence, initiation in reconstructive techniques.
 - Acquire the general and urology surgical training in all surgical procedures performed under gynaecological oncology surgery as bowell resection and anastomose, splenectomy, diaphragmatic stripping etc..
 - Iniciation in laparoscopic abdominal wall repair.
 - Out- patients care (2 days/week)
 - In-patients at the hospital ward (in the morning)
- **Radiotherapy;** 2-4 weeks at the Oncological Radiotherapy Unit:
 - Detailed knowledge and experience in the use in gynaecological oncology of radiotherapy
- **Medical oncology;** 1 months at Clinical Oncology Unit:
 - Comprehensive knowledge of carcinogenesis, invasion and metastasis.
 - Detailed knowledge of cellular and molecular biology.
 - Detailed knowledge of cancer genetics included inherited risk factors.
 - Detailed knowledge of nutrition in relation to gynaecological oncology.
 - Detailed knowledge and experience in the use in gynaecological oncology of chemotherapy, hormonotherapy, immunotherapy and genetherapy.
 - Comprehensive knowledge of the properties, pharmacodynamics, actions, interactions and hazards of pharmacological agents which are used in gynaecological oncology.

- **Cytological diagnosis, pathology and tumour biology.;** 2-4 weeks at Cytopathology unit:

Detailed knowledge of the cytology and histology of gynaecological cancers and pre-cancer states.

- **Psycho-oncology,** by session arranged with the Psico-oncologist:

Visit hospital ward for terminal care. Evaluation and documentation of psycho-oncological care. On line ESGO lectures.

- **Imaging,** 2 weeks abdominal CT, week MRI, 1 week PET at the radiologist Unit:

Indications and interpretation of all imaging techniques used in gynaecological oncology including.

Educational training

Gynecology-oncology Unit clinical session. Once per week.

To review recent research once per week.

Multidisciplinary Tumor Board. Once per week.

The experience of working in multidisciplinary teams is acquired when the whole Gynecology Oncology group meets in a tumor board to discuss the management of specific cases. Different aspects of the therapy are discussed as well as the follow up of the cases which are out of the national protocol. Every month one Unit prepares a clinical session about the recent research in its fields.

As University Hospital, the trainee participates also in educationals from the whole Service of Obstetrics and Gynecology and is responsible for the continued training **of medical students and residents.**

The trainee should attend at the **3-4 theory hours** at the afternoon in the Master week.

Research training

Congress and courses: Trainees get the opportunity to attend national and international courses and conferences during their training and is invited to submit abstract or oral presentations to them based in clinic or basic research performed in the center. Often 2 congress after abstract submission and 1-2 ESGO courses.

Clinic and basic research: the trainee should continue and acquired a higher research degree as PhD. Trainees who have already the research title should continue their participation in clinical or basic research (*see projects at <http://www.vhir.org/>*).

Publications: Peer review publications as first author in a nationally or internationally recognized journal are also encouraged.

A trainee may spend some training time in another centre recognized by ESGO-EBCOG

The Trainee and the tutor, B. Diaz-Feijoo, MD, PhD, have a formal annual assessment reviewing the progress towards the required competencies (detailed in the ESGO logbook).

OPIONAL YEAR: SURGERY OF THE BREAST

Training in surgery of the breast (at the Breast Unit)

- Comprehensive knowledge of epidemiology, aetiology, prevention, screening, diagnostic techniques, prognostic factors and staging of breast cancer and its management including primary and secondary prevention.

The Breast Surgical Oncology Program will be supervised and structured by I. Rubio, MD, PhD, who is in charge of the Breast program at the Hospital.

Training in surgery of the breast in Breast Unit consists of :

- Breast Surgery-(including Plastic and Reconstructive Surgery)
- Breast Imaging
- Breast Medical Oncology (including Genetic Counseling)
- Breast Radiation Oncology
- Breast Pathology