



**PRE-CONGRESS COURSE OF BREAST ECHOGRAPHY  
EUROSON 2012, MADRID  
PROGRAM**

**Scientific committee:** *Dominique Amy, Radiologist (France), Giovanni Botta, Pathologist (Italy), Javier Duran, General Practitioner (Spain), Giancarlo Dolfin, Gynecologist (Italy), Camilo Fuster, General Practitioner (Spain), Stefano Indelicato, Gynecologist (Italy), Rafael Salvador, Radiologist (Spain), Michel Teboul, Radiologist (France)*

**Saturday, April 21, 2012**

15:00 - 17:00

-Presentation of the Course  
*Camilo Fuster (Spain)*

-Anatomy, Histology and new theories of natural history about breast cancer  
*Giovanni Botta (Italy)*

-Actual aspects in study of the breast by ultrasonography and its diagnostic and surgical correlations  
*Dominique Amy (France)*

-Histological and echographic correlation of the ducts, lobules and connective tissue.  
*Giancarlo Dolfin (Italy) and Giovanni Botta (Italy)*

-Echographic anatomy of breast I

-Acquisition of images through the duct-radial technique *Javier Duran (Spain)*

-Systematic exploration of breast: method

-Systematic exploration of lobules: method *Camilo Fuster (Spain)*

-Evaluation of the interest zones

17:00 - 17:30      Coffee break

17:30 -19:30

-Echographic anatomy of breast II:

-Evolution and aspect of the breast, its connective and duct-lobular components at different ages *Dominique Amy (France)*

-Childhood breast *Camilo Fuster (Spain) and Giovanni Botta (Italy)*

-Teenage breast

-Adult breast *Giancarlo Dolfin (Italy) and Giovanni Botta (Italy)*

-Nursing breast

-Menopausal breast *Camilo Fuster (Spain) and Giovanni Botta (Italy)*

-Postmenopausal breast

-Actual diagnostic methods: Mammography, Magnetic resonance, Echography and Elastography: Advantages and disadvantages  
*Rafael Salvador (Spain) and Dominique Amy (France)*

19:30 - 19:45 Break

19:45 - 20:30

- Benign pathologies:
  - Ductal ectasies *Camilo Fuster (Spain)*
  - Cysts
  - Papillomas and papillomatosis *Stefano Indelicato (Italy)*
  - Fibrocistic dysplasia
  - Fibroadenoma

### Sunday, April 22, 2012

09:00 – 11:00 am

-Benefit of control through the puncture of the lesions  
*Giovanni Botta (Italy)*

-Malign pathologies Anatomopathology. Pathogenesis of breast cancer. Extents models of breast cancer. Cancerogenesis process:  
*Giancarlo Dolfín (Italy) and Giovanni Botta (Italy)*

- Direct signs of cancer *Michel Teboul (France)*
- Focal ductal cancer
- Duct-lobular and multifocal cancer
- Malign extents and indirect signs of cancer.

-Applications of ductal echography in lobules malignant disease: Surgical treatment  
*Giancarlo Dolfín (Italy)*

-Breast diseases that affect men  
*Stefano Indelicato (Italy)*

11.30 - 12.00am Coffee Break

-Live practical exploration by *Michel Teboul (France), Dominique Amy (France), Giancarlo Dolfín (Italy)*

-Debate and closing speech

**COURSE PRESIDENT:**

Dr. Camilo Fuster Palacio. Alicante, Spain

**SCIENTIFIC COMMITTEE:**

Dr. Dominique Amy. Marseille, France  
Dr. Giovanni Botta. Turin, Italy  
Dr. Javier Duran Rodriguez. Ciudad Real, Spain  
Dr. Giancarlo Dolfín. Turin, Italy  
Dr. Camilo Fuster Palacio. Alicante, Spain  
Dr. Stefano Indelicato. Turin, Italy  
Dr. Rafael Salvador Tarrasón. Barcelona, Spain  
Dr. Michel Teboul. Paris, France

**ORGANIZING COMMITTEE:**

ECHOGRAPHY SECTION OF THE  
SPANISH SOCIETY OF GENERAL AND  
FAMILY MEDICINE

**PARTNER:**

EUROPEAN SOCIETY OF BREAST  
ECHOGRAPHY