

# Liver Interventions

Porto (PT)

28-29 October, 2011

Local Host  
**P. Vilares Morgado**

Faculty  
**P. Almeida**  
**J.I. Bilbao**  
**A. Denys**  
**R. Garcia-Monaco**  
**F. Orsi**  
**P. Vilares Morgado**

# ESIR 2011 Course

## Who should attend?

This course is designed for physicians at level 2-3 (intermediate) who wish to broaden their knowledge of endovascular liver interventions.

## What will you learn?

The course will cover:

- Principles of chemoembolisation
- Ablation techniques as primary, adjuvant or combination therapy
- Indications and technique for portal vein embolisation
- Radioembolisation mechanisms, indications, dosimetry and materials
- Indications and principles of high intensity focused ultrasound
- Complications, outcomes and post-procedural assessment

## Hands-on

Wherever possible, hands-on sessions in small groups will be provided on the second day of the course. The goal of these sessions will be to provide participants with practical experience of the manipulations and devices relevant to the course topic. Further details can be seen in the updated course programme at [www.cirse.org](http://www.cirse.org).

**Porto** is the second-largest city in Portugal and is situated in the north of the country on the Douro estuary.

There are many things to see in Porto, for example the baroque Tower of Clérigos, which was the tallest building in the country when first built. Sitting beneath the Tower is the Old Town which is characterised by mediaeval red-roofed buildings that lie along winding cobbled alleys.

Nestled on the sloping banks between the river and the imposing cathedral is the district of Ribeira, where many waterfront restaurants and cafes appeal to the hungry visitor with delicious local cuisine that includes many pastries and cakes, and of course the eponymous Port Wine. It is also here that the typical Rabelo boats can be seen that were traditionally used for transporting wine along the Douro River. Nowadays many pleasure craft take to the water, from where the "city of bridges" can be enjoyed with unique perspective.



P. Almeida



J.I. Bilbao



A. Denys



R. Garcia-Monaco



F. Orsi



P. Vilares Morgado



## Topics and Learning Objectives

### Liver tumour ablation

*P. Almeida (Coimbra/PT)*

- Basic principles about ablation techniques focusing on RF and MW
- How to perform puncturing and correct positioning of electrodes guided by US and/or CT
- What structures should be avoided or protected during thermal ablation
- Indications for the use of percutaneous ablation as treatment of hepatic tumours (primary, secondary, volume, number and location, etc.)
- Role of thermal ablation as an adjunctive (surgery) or with combined therapy (radio-/chemotherapy)
- Post-procedural evaluation (how and when)
- Complications

### Radioembolisation and experience with SIR Spheres

*J.I. Bilbao (Pamplona/ES)*

- To understand the treatment protocol
- To discuss the relevance of imaging and anatomy
- To discuss the safety and the results of radioembolisation

### Radioembolisation and experience with TheraSphere

*P. Vilares Morgado (Porto/PT)*

- Rationale for Yttrium 90 microsphere therapy patient selection
- Radiological evaluation of patients with hepatic tumours
- Vascular anatomy relevant for radioembolisation
- Dosimetry and dose calculation
- Nuclear medicine for treatment evaluation
- Assessment of tumour response
- Results from literature
- Personal experience with TheraSpheres

### Portal vein embolisation

*A. Denys (Lausanne/CH)*

- To understand the rationale for portal vein embolisation in the pre-operative setting
- To identify selection criteria as well as contraindication for portal vein embolisation
- To select adequate interventional technique in term of portal access route, and embolic material
- To know some specific points about PVE in cirrhotic patients
- To know the results and possible complications of portal vein embolisation and how to manage them

### HIFU

*F. Orsi (Milan/IT)*

- To understand HIFU's basic principles
- Main indications for HIFU treatments
- Reviewing literature and statistics

### Chemoembolisation

*R. Garcia-Monaco (Buenos Aires/AR)*

- Principles of liver of chemoembolisation
- Discuss common indications of chemoembolisation
- Describe technique, including conventional-lip and drug-eluting beads
- Explain pre-, intra- and post-procedural management
- How to avoid complications
- Analysis of results in different tumours
- Imaging and clinical follow-up

## Time Schedule

### Friday, October 28, 2011

12:00	Registration
13:00-17:30	Lectures
20:00	Welcome Dinner

### Saturday, October 29, 2011

Morning: Hands-on Sessions in small groups  
 Afternoon: Interactive Case Discussion Forum  
 Late Afternoon: Voluntary Test & Certificate of Attendance

## Venue

**Hospital S. João, Porto Medical School–  
 Radiology Department  
 Alameda Prof. Hernani Monteiro  
 4200-319 Porto  
 PORTUGAL**

## Registration Information

### The registration fee includes:

- Course attendance
- Teaching material for the course (syllabus)
- Coffee breaks
- Welcome dinner

### Early Registration Fees

*(until 8 weeks prior to the course date)*

Member	€ 250
Non-Member	€ 390
Resident Member	€ 180
Resident Non-Member	€ 250

### Late Registration Fees

*(after 8 weeks prior to the course date)*

Member	€ 350
Non-Member	€ 490
Resident Member	€ 280
Resident Non-Member	€ 350

Fees refer to one course. Resident (radiologist in training) registrations must be accompanied by a confirmation of this status signed by the head of the department.

### Cancellation of course registration

The CIRSE Foundation offers all participants the possibility of purchasing insurance with our partner, "Europäische Reiseversicherung". Thus, the CIRSE Foundation itself will not refund any amount after a cancellation of registration. All requests have to be issued to the "Europäische Reiseversicherung" directly. Refunds will be given within the terms and conditions of the "Europäische Reiseversicherung". Name changes will be handled as a cancellation and new registration.

Please note that CIRSE offers just a platform to effect a policy between you and "Europäische Reiseversicherung".

For further information and registration, please refer to [www.cirse.org](http://www.cirse.org) or [office@esir.org](mailto:office@esir.org).