



UNIVERSITY HOSPITAL OF SANTIAGO DE COMPOSTELA

SPAIN

DEPARTMENT OF GASTROENTEROLOGY AND HEPATOLOGY

**International Center for Education and Development in
Gastroenterology
(ICEDiG)**

Director: Prof. J.Enrique Domínguez-Muñoz

**MASTERCLASS PROGRAM ON PANCREATIC DISEASES
AND PANCREATIC EXOCRINE INSUFFICIENCY**

October 28th-29th, 2021

In collaboration with



Scientific rationale of the Masterclass program

Diagnosis and management of pancreatic diseases is challenging. Despite the publication of clinical guidelines, many practical issues remain. Management and follow-up of patients with acute pancreatitis and its complications, early diagnosis, management and follow-up of chronic pancreatitis, differential diagnosis of solid and cystic pancreatic lesions, and surveillance of subjects at risk of pancreatic cancer are challenges in clinical practice. Pancreatic exocrine insufficiency is a frequent but clearly underdiagnosed life-threatening condition, which is the consequence of different pancreatic as well as extrapancreatic diseases. Chronic pancreatitis, as one of the most relevant causes of pancreatic exocrine insufficiency, is underdiagnosed too, and the diagnosis of the disease in early phases is a clinical challenge. Recognition of pancreatic exocrine insufficiency and its causes, and the appropriate therapeutic approach to this condition have a relevant clinical impact on prevention of complications and mortality.

Endoscopic ultrasound (EUS) has evolved in recent years into a technique with a major clinical impact in the management of pancreatic diseases. EUS also provides guidance for fine-needle aspiration and biopsy, allowing for the preoperative diagnosis of pancreatic lesions. In addition, several new diagnostic techniques associated with EUS have been developed over the last years, including EUS-guided elastography and contrast-enhanced EUS that are very useful for the differential diagnosis of solid lesions. These techniques are becoming essential in clinical routine. EUS-guided therapy is also increasing in terms of new indications, such as drainage procedures, tumour ablation, and injection techniques, such as celiac plexus neurolysis. The Department of Gastroenterology and Hepatology of the University Hospital of Santiago de Compostela, Spain, is a reference centre for the diagnosis and therapy of pancreatic diseases, as well as for education and development in endoscopic ultrasound.

The Department of Gastroenterology and Hepatology of the University Hospital of Santiago de Compostela, Spain, together with the International Center for Education and development in Gastroenterology is organizing Masterclass Programs on Pancreatic Diseases and on Advanced Endoscopic Ultrasound since 2005. Gastroenterologists, Surgeons, Oncologists, Diabetologists and Dietitians of many different countries all around the world including Europe, America and Asia are attending these programmes.

The Pancreas Unit of the University Hospital of Santiago de Compostela is a reference centre for pancreatic diseases. Prof. Domínguez-Muñoz and his team are internationally well-known expert in pancreatic function and pancreatic diseases, and advanced endoscopic ultrasound. The group has published a large number of original articles and reviews on the topics being presented and discussed at the Masterclass program.

Main aims of the program

The present program consists on theoretical and practical modules. The main aims are:

- **Theoretical modules:**
 - To provide the current knowledge on the concept of benign, premalignant and malignant pancreatic diseases, including practical approaches to improve the diagnosis and differential diagnosis of these diseases in clinical practice.
 - To promote the acquisition of knowledge on pancreatic exocrine insufficiency in terms of concept, pathophysiology, aetiology, clinical relevance, diagnosis and treatment for clinical practice.

- **Practical modules:**
 - To learn the use and indications of advanced imaging technologies, such as endoscopic ultrasound, elastography and contrast-enhanced endoscopic ultrasound for the diagnosis and characterization of pancreatic diseases.
 - To know about practical protocols for the management and follow-up of patients with pancreatic diseases in clinical practice.
 - To get insights into the ¹³C-MTG breath test for the diagnosis of pancreatic exocrine insufficiency in clinical practice.

AGENDA

Thursday, October 28th

15:00h. Arrival to the hospital and welcome.

15:00-15:30h. Presentation of the program.

15:30-19:30h. *Lectures and debate: **Hot topics in Pancreatology.***

1. Diagnosis of early chronic pancreatitis.
2. Management of infected pancreatic necrosis.
3. Differential diagnosis of solid pancreatic tumours: Advanced imaging and tissue acquisition techniques.
4. Differential diagnosis of cystic pancreatic lesions for an appropriate management: Advanced imaging, fluid analysis and tissue acquisition techniques.
5. Surveillance of patients at risk of pancreatic cancer.

19:30h. End of the day.

Friday, October 29th

8:45h. Participants will be divided in two groups, A and B.

9:00-10:45h. Group A - ***Life demonstration at the EUS Unit.***

Diagnosis of early chronic pancreatitis, differential diagnosis of solid and cystic pancreatic tumours, elastography, contrast-enhancement and tissue acquisition.

Group B – ***Out-patients visit at the Pancreas Unit.***

Practical protocols for the management and follow-up of patients after acute pancreatitis, chronic pancreatitis, pancreatic cancer, pancreatic cystic tumours and surveillance of patients at risk for pancreatic cancer.

10:45-11:15 Coffee break

11:15-13:00h. Group A – ***Out-patients visit at the Pancreas Unit.***

Practical protocols for the management and follow-up of patients after acute pancreatitis, chronic pancreatitis, pancreatic cancer, pancreatic cystic tumours and surveillance of patients at risk for pancreatic cancer.

Group B - ***Life demonstration at the EUS Unit.***

Diagnosis of early chronic pancreatitis, differential diagnosis of solid and cystic pancreatic tumours, elastography, contrast-enhancement and tissue acquisition.

13:00-15:00h. Lunch

15:00-19:00h. *Lectures and debate: **Hot topics in pancreatic exocrine insufficiency.***

1. Concept, causes and consequences.
2. Clinical relevance.
3. Diagnosis in clinical practice.
4. The ¹³C-MTG breath test.
5. Treatment.

19:00-19:30h. Close remarks, certifications and end of the program.

PRACTICAL INFORMATION

- **Venue:**

Department of Gastroenterology and Hepatology

University Hospital of Santiago de Compostela

C/ Choupana s/n

15706-Santiago de Compostela

Spain

FACULTY

- J.Enrique Domínguez-Muñoz, M.D., Ph.D.
Director of the Department of Gastroenterology and Hepatology
- Julio Iglesias-García, M.D., Ph.D.
Head of the Endoscopy Unit
- José Lariño-Noia, M.D., Ph.D.
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- Daniel de la Iglesia, M.D., Ph.D.
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SECRETARIAT

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