The teaching staff includes academic, non-academic and international experts. The organizing team is represented by:

- Pierre Henri Deprez (UCLouvain), Academic adviser
- Abdenor Badaoui (UCLouvain), Scientific and educational adviser
- Wim Laleman (KULeuven)
- Pierre Eisendrath (ULB)
- Pierrette Gast (ULiège)
- Pieter Hindryckx (UZ Gent)
- Board members of the Belgian Group for Digestive Endosonography
- French and Belgian experts from Club Francophone d'Echo-endoscopie (CFE)



### THE UNIVERSITY CERTIFICATE

Participants attending the programme and passing the evaluation will be awarded a "University Certificate in Digestive endosonography" and 12 ECTS credits. On top of the personal development value of the certificate for the attendees' training plan, these credits can be used to pursue other academic programmes in Europe, pending the approval by the committee in charge of the programmes for which the participant wishes to apply at a later date.

### REGISTRATION

Applicants must fill in the online registration form, which can be found on the website of the certificate. They are requested to describe their:

- · Educational background
- Experience
- Motivations for taking the certificate
- Motivation letter

Applications will be reviewed by the programme jury in their order of submission.

### FIND OUT MORE

www.digestive-endosonography.be

+32 (0)2 764 34 58

digestive-endosonography@uclouvain.be

endorsed by EGEUS



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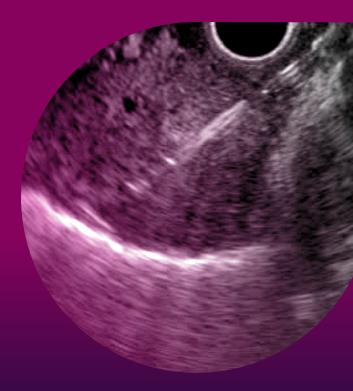
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UNIVERSITY CERTIFICATE



## Digestive endosonography

2019-2020 - YEAR 1



www.digestive-endosonography.be

## PRACTICAL INFORMATION

LOCATION AND SCHEDULE

The courses are organized from February 2020 to June 2020 and will consist of more than 80 hours of training. Lectures will be given at UCLouvain university hospitals: CHU UCL Namur in Godinne and Cliniques universitaires Saint-Luc in Brussels.

### REGISTRATION FEES

Registration costs are 1,800 euros.

These fees include tuition, course materials, practical exercises, student card, catering, and access to the site and facilities.

### CONDITIONS FOR ADMISSION

- Medical Doctor in gastroenterology
- · Trainee in gastroenterology

# Digestive endosonography

THEORETICAL AND PRACTICAL EDUCATION IN DIGESTIVE ENDOSONOGRAPHY AT THE NATIONAL LEVEL, PROVIDED BY NATIONAL EXPERTS, SOME OF WHOM ARE INVOLVED AT THE INTERNATIONAL LEVEL. AND FOREIGN EXPERTS.



### **TARGET AUDIENCE**

The programme is intended for:

- Gastroenterologists
- Trainees in Gastroenterology

### STRENGTHS OF THE PROGRAMME

- A unique training course in Belgium in digestive endosonography
- A programme preparing to acquire and master the EUS techniques in the management of GI diseases
- Benefit from the skills and feedback of academic, non academic and international experts in EUS

### THE CURRICULUM

The programme is structured into themes (theoretical education, congresses and hands-on teaching parts) designed to cover in depth the different aspects of the education.

- Endoscopic ultrasound (EUS) and technical aspects
- Linear-array and radial EUS: normal anatomy
- EUS-FNA / FNB and histopatholog
- Ancillary techniques: contrast Harmonic-EUS and EUS-elastrography
- EUS staging in neoplasia

- EUS in benign and malignant biliary diseases
- EUS in benign and malignant pancreatic diseases
- EUS in pelvic floor dysfunction, anal sphincter injury and endometriosis
- Therapeutic EUS

### **OBJECTIVES**

At the end of this certificate, students will be able

- to master the normal anatomy in linear-array and radial EUS
- to know the diagnostic EUS indications in the mediastinal, biliary and pancreatic examination
- to practice properly EUS-staging in digestive cancers
- to master EUS puncture, to know and to optimize histopathologic, biological and molecular results
- to master diagnostic EUS in pelvic floor dysfunction, anal sphincter injury and endometriosis
- to know the techniques which improve the diagnostic EUS sensitivity (Contrast Harmonic-EUS and EUS-elastrography)
- to know the indications and the techniques in therapeutic EUS (abdominal collection drainage, biliary drainage, ablations, anastomosis, fiducial...)

### **TEACHING APPROACH & EVALUATION**

### The learning curriculum includes:

- Theoretical education with video sessions (40 hours)
- Hands-on teaching (32 hours)

In addition the candidate should attend congresses organized by the board members of the Belgian Group for Digestive Endosonography (BGDE), the Club Francophone d'Echo-endoscopie (CFE) or the European Group for Endoscopic Ultrasonography (EGEUS) - (at least 13 hours of attendance to validate the certificate).

### At the end of the training the candidate:

- will be assessed on video tapes
- will be quoted during hands-on teaching
- will provide a personal written report (review literature, abstract or paper) that will be presented to the certificate jury.

