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## Endoanal ultrasound course

A course run in cooperation with **ESSAT** and **ESCP**.

**Sunday, October 15, 2023 | Surgical Learning Area**

- **Part I: Theory & image viewing**  
08:30-13:00  
! Bring your own laptop & download in advance the 30 days free trial test version of the bkViewer software by clicking [here](#).
- **Part II: Hands-on exercises & Case Discussions**  
13:30 – 17:00  
! To attend Part II, participation in Part I is mandatory.

### Registration

Spots are limited and participants can **register onsite** at a **first-come, first-served basis** at no extra cost.

! If you want **to attend Part II, participation in Part I is mandatory**. Please note that for part II there are less spots available. It is therefore not guaranteed that by registering for Part I this automatically gives you a spot in Part II.

*When can you register?*

Saturday, October 14: 12:00 – 17:00

Sunday, October 15: 07:00 – 08:30

*Where can you register?*

Welcome Desk in the Surgical Learning Area

*Who can register?*

Any medical professional with a **UEG Week and/or PGT registration**.

Participants who have registered successfully onsite have to come to the course **at least 10 minutes prior to the start**. Otherwise, the spot will be lost.

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### Course content

Imaging is gaining a key role in the understanding of pelvic floor disorders. Three-dimensional endoanal, endorectal and endovaginal ultrasonography, and dynamic transperineal ultrasound are nowadays increasingly used in clinical practice for patients suffering from pelvic floor dysfunctions (fecal and urinary incontinence, pelvic organ prolapse, obstructed defecation) and for patients with anal and rectal pathologies, either benign (anorectal sepsis) or malignant (early anorectal cancer). These non-invasive techniques not only provide a superior depiction of the pelvic anatomy but also yield unique dynamic information.

The course offers theory as well as practical hands-on exercises on stations with various pathologies to provide experience in the basic use of endoanal ultrasound (EUS) and is designed to closely discuss specific details of the techniques.

## Learning objectives

To provide participants with basic knowledge of

- the normal US anatomy of the anorectal region and the pelvic floor.
- the ultrasonographic imaging techniques: 3D endoanal, endorectal, endovaginal and dynamic transperineal US.
- the main guidelines and indications for the evaluation of faecal and urinary incontinence, anterior and posterior vaginal wall prolapse, obstructed defecation, anorectal fistulas and early rectal cancer.

To provide hands-on experience:

- Interpretation of images (Part I: Bring your own laptop & download bkViewer, see below)
- Hands-on exercises on stations with various pathologies (Part II)

## Course Structure

### Part I: Theory & image viewing (bring your own laptop)

- 08:30-08:35: Welcome and introduction
- 08:35-09:00: Ultrasonographic imaging techniques (*Alison Hainsworth*)
- 09:00-09:25: Normal ultrasound of the canal anal and rectum (*Lilli Lundby*)
- 09:25-10:00: Anal ultrasound for anal fistula and abscesses (*Andreas Nordholm-Carstensen*)
- 10:00-10:30: Ultrasound assessment of fecal incontinence (*Lilli Lundby*)
- 10.30-10.45: Coffee Break (no catering provided)
- 10:45-11.10: The role of ultrasound in staging of rectal cancer (*Giulio Santoro*)
- 11:10-11:35: Normal ultrasound of the pelvic floor (*Alison Hainsworth*)
- 11:35-12:00: Ultrasound assessment of pelvic organ prolapse and evacuation disorders (*Giulio Santoro*)
- 12:00-13:00 Exercises on personal laptop:  
! Please download in advance the 30 days free trial test version of the bkViewer Software by clicking [here](#).
- 13:00-13:30 Lunch break (no catering provided)

### Part II: Hands-on exercises & Case Discussions (Part I mandatory to attend Part II)

- 13:30-15:00 Groupe 1: Practical exercises on stations  
Groupe 2: Discussion of Clinical Cases
- 15:15-16:45 Groupe 1: Discussion of Clinical Cases  
Groupe 2: Practical exercises on stations
- 16.45-17:00 Discussion and Conclusion