

University post-graduate courses for surgical endoscopy

« Interventional GI endoscopy techniques » 29th to 31st May 2006

Course Director : D. Coumaros (Strasbourg, France)

Course objectives : To provide the knowledge necessary to progress in gastrointestinal interventional endoscopy practice. To describe the technical steps which are use for advanced endoscopic procedures. To describe results and potential complications, and how to prevent them. To practice on live tissue in order to give the participant the technical capacity to improve his expertise.

MONDAY, 29th MAY

MORNING

- 8.00 am Welcome to participants
- 8.15 am Pre-course evaluation (multiple choice and short answer questions)
- 8.30 am Theoretical and video session

Endoscopic Mucosal Resection (EMR) and Endoscopic Submucosal Dissection (ESD)

- The Paris endoscopic classification of superficial neoplastic lesions
- Pathology of early neoplastic lesions of the GI tract
- Histopathological classification of GI submucosal lesions
- Endoscopic ultrasonography before EMR of early GI cancers
- Endoscopic ultrasonography for the diagnosis of submucosal tumors
- Various submucosal injection solutions
- New techniques of EMR and ESD
- Endoscopic removal of submucosal tumors
- EMR and ESD: indications, results, complications and their management :
 - Oesophagus
 - Stomach
 - Duodenum
 - Colon

Clipping and suture devices

1.00 pm *Lunch at the Institute*

AFTERNOON

Option A : Afternoon free

2.00 pm Training on live tissue (mini pigs) (Option B)

- EMR and ESD:
 - Various tools
 - Different techniques
- Clips and Sutures

6.00 pm *End of the session*

TUESDAY, 30th MAY

MORNING

8.00 am Theoretical and video session

Endoscopic treatment for GERD

- Various procedures :
 - Suture-stapling (EndoCinch and Plicator procedures)
 - Injection and implantation products (Enteryx and Gatekeeper procedures)
 - Heat treatment (Stretta procedure)
- Indications, results, complications of endoscopic treatment
- Is there still a place for laparoscopic surgery ?

1.00 pm *Lunch at the Institute*

AFTERNOON

Option A : Afternoon free

2.00 pm Training on live tissue (mini pigs) (Option B)

- Different endoscopic anti-reflux procedures
- EMR and ESD :
 - Various tools
 - Different techniques

6.00 pm *End of the session*

8.30 pm Dinner at a typical alsacian restaurant

WEDNESDAY, 31st MAY

MORNING

8.00 am Theoretical and video session

New techniques

- Flexible endoscopic myotomy: the treatment of Zenker's diverticulum
- Radiofrequency ablation of intestinal metaplasia of the oesophagus
- Peroral transgastric surgery
- Wireless capsule endoscopy : indications and results
- Double-balloon enteroscopy for the treatment of small bowel lesion
- Usefulness of narrow band imaging
- Confocal microscopy in endoscopy : first step towards optical biopsy
- Endocytoscopy for in vivo observation of living cancer cell
- Computer assisted endoscopic robot system for advanced therapeutic procedures
- Computer science and virtual reality applied to endoscopic procedures.

12.45 am Proficiency test (multiple choice and short answer questions)

End of the course

13.00 pm *Lunch at the Institute*

Information :

Secrétariat Dr. Coumaros

Nathalie Hampele

IRCAD

1, place de l'Hôpital

67091 Strasbourg Cedex - France

tel. ++ 33 3 88 11 91 07

fax : ++ 33 3 88 11 90 99

email : nathalie.hampele@ircad.u-strasbg.fr