

2nd International N.O.T.E.S Hands-on Course

friday october 12th

7.30 am

shuttle-bus hotel - IRCAD/EITS

8.00 am

welcome to participants
and introduction of the faculty

Lectures

for option a and option b

- **n.o.t.e.s: the dawn of a new era**
- **endoscopes - instruments - tools**
 - > what's available today?
 - > how does it work?
- **key challenges**
 - > **how to get access to the peritoneal cavity?**
 - which orifice? single or combined access?
for which procedure? with which physiological consequences
 - transgastric approach
 - transvesical approach
 - transcolonic approach
 - transvaginal approach
 - transrectal approach
 - > **how to close the access site?**
 - clips, sutures, anchors, staplers, occluder, tagged thread (noo plicator)...

Live operative demonstrations from the Laboratory

for option a and option b

- **animal positioning and precautions**
- **intubating the esophagus and understanding the endoluminal anatomy and landmarks**
- **operative steps**
 - > transluminal cholecystectomy
 - > transluminal distal pancreatectomy
 - > transluminal sigmoidectomy
 - > transluminal gastro-jejunostomy
 - > transluminal nephrectomy

1.00 pm

Lunch at the institute





AFTERNOON

2.00 pm

Hands-on training on live tissue

for option B only (option A: afternoon free)

- getting familiar with the equipment
- gaining access to the peritoneal cavity:
transgastric route
 - > gastrotomy: techniques
 - > peritoneoscopy – anatomical landmarks – spatial orientation (retroflexion)
 - > transgastric liver biopsy – tubal ligation cholecystectomy
 - > specimen retrieval and repetitive intubation
- closure of the gastrotomy

6.00 pm

end of the session

6.15 pm

shuttle-bus IRCAD/EITS - hotel

8.00 pm

shuttle-bus hotel - restaurant

10.30 pm

shuttle-bus restaurant - hotel

this programme may be subjected to modification



COURSE OBJECTIVES

- > to become familiar with flexible endoscopy
- > to become familiar with transluminal surgery
- > to understand the rationale and challenges of endoscopic transluminal surgery
- > to discover the latest and future technological developments
- > to provide hands-on sessions to learn endoscopic transluminal surgery through practice on live tissue under experts' tutorials
- > to promote research and define guidelines



2nd International N.O.T.E.S Hands-on Course

saturday october 13th

MORNING

7.30 am shuttle-bus hotel - IRCAD/EITS

8.00 am **hands-on training on live tissue**

For option B only (option A: morning free)

- **gaining access to the peritoneal cavity:**
 - transgastric and other natural orifices accesses
- Transluminal cholecystectomy
- Transluminal distal pancreatectomy
- Transluminal nephrectomy
- Transluminal sigmoidectomy (depends on level)

12.15 pm Lunch at the institute

AFTERNOON

1.15 pm **Lectures**

For option A and option B

- **HOW to expose, retract, dissect divide and suture?**
 - > management of pneumoperitoneum
 - > spatial orientation
 - > working platform - triangulation
 - > endoscopic sewing, suturing and stapling
- **ongoing experimental applications**
 - > cholecystectomy
 - > Pancreatectomy
 - > nephrectomy
 - > gastro-jejunostomy
 - > gastrectomy
 - > gastroplasty
 - > sleeve gastrectomy
 - > gastric bypass
- **ongoing technical developments**
 - > Instruments suturing devices
 - > multitasking platform
 - > Robotics
- **application of n.o.t.e.s in human**
 - > cholecystectomy
 - > cancer staging
 - > appendectomy
- **e.a.t.s: european association for transluminal surgery**
- **closing lecture - conclusion**
 - n.o.t.e.s: state of the art and future

4.15 pm **end of the course**

delivery of the certificates of attendance

4.30 pm shuttle-bus IRCAD/EITS - hotel

