## Monday

Laparoscopic intensive courses / Urological Surgery

### MORNING

#### THEORETICAL SESSION

- **9.00 am** Welcome to participants
  - Equipment
    - Operating theatre - choice of equipment - the laparoscopic unit
    - Conventional laparoscopic instrumentation
    - New generation of electrosurgical units
  - Anaesthesia and laparoscopy
    - The Equipment
    - Patient selection
    - Anaesthesia complications
    - Medico-legal aspects
  - Basic principles of laparoscopic surgery
    - Positioning of trocars - knots - operative room organisation

- **1.00 pm** Lunch

### AFTERNOON

- **2.00 pm** Experimental laboratory (practice on live tissue)
  - Basic principles: insufflation - positioning of trocars
  - Clips – staples – laparoscopic sutures – knots – surgitie
  - Small bowel resection (endoGIA - suture and extracorp. ligat. - suture and endocorporeal ligat.)
  - Digestive anastomosis
  - Splenectomy

- **6.30 pm** Shuttle-bus IRCAD/EITS - hotel

- **8.30 pm** Dinner in honour of the participants

### COURSE OBJECTIVES

- to provide the basic knowledge required for clinical applications
- to describe all the basic principles (instruments, materials, anaesthesia equipments) and present the most used basic laparoscopic urological techniques
- hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic urological surgery
- to describe results and potential complications of laparoscopic procedures
Tuesday

Laparoscopic intensive courses / Urological Surgery

**MORNING**

**THEORETICAL SESSION**

8.00 am  Access to the preperitoneal space
  - Laparoscopic anatomy of inguinal area
  - Inguinal hernia repair
  - Laparoscopic total extraperitoneal repair of inguinal hernia: TEP

**Difficult pelvic dissection**
  - Deep pelvic dissection
  - Tricks and tips
  - Laparoscopic treatment of sigmoido vesical fistula
  - Ureteral identification with illuminated probes
  - Difficult dissection, repair of ureteral injury
  - Treatment of rectal injuries during low pelvic dissection

**Digestive and vascular injuries in Laparoscopy**

**Approach of the upper urinary system**
  - Pyeloplasty
  - Pyelotomy
  - Ureterotomy

1.00 pm  Lunch

**AFTERNOON**

2.00 pm  Experimental Laboratory (practice on live tissue)

**Approach of the lower urinary system**
  - Ureterolysis
  - Burch
  - Cystotomy
  - Fixing of vaginal prosthesis
  - Uretero vesical implantation

6.30 pm  Shuttle-bus IRCAD/EITS - hotel
Wednesday

Laparoscopic intensive courses / Urological Surgery

MORNING

THEORETICAL SESSION : KIDNEY SURGERY – LAPAROSCOPIC SURGERY OF URINARY UPPER TRACT

8.00 am  Radical nephrectomy by retroperitoneal approach
  > Technical principles
  Live transmission
  “Radical Nephrectomy by retroperitoneal approach”
  “Radical Nephrectomy by transperitoneal approach”
  > Transperitoneal laparoscopic nephrectomy surgery:
    - Techniques – experience - results and comments -Discussion

Transperitoneal radical nephrectomy:
  - General principles

Laparoscopic partial nephrectomy:
  - Technical principles, results

1.00 pm  Lunch

AFTERNOON

2.00 pm  Experimental Laboratory (practice on live tissue)
  Approach of the upper urinary system
  > Renal pedicule dissection
  > Ureterolysis
  > Pyeloplasty
  > Ureteral repair
  > Nephrectomy
  Training session of robotic surgery (Da Vinci system)

6.30 pm  Shuttle-bus IRCAD/EITS - hotel

8.30 pm  Dinner in honour of the participants
Thursday

Laparoscopic intensive courses / Urological Surgery

MORNING

THEORETICAL SESSION: FEMALE PELVIC SURGERY – ADRENALECTOMY - LYMPHADENECTOMY

8.00 am  Laparoscopic treatment of genito-urinary prolapse and stress incontinence

Laparoscopic partial nephrectomy:
- Technical principles, results

Anatomical principles of laparoscopic treatment of genito-urinary prolapse

Live transmission
"Laparoscopic treatment of genito-urinary prolapse"
> Specific situation - Complication

Laparoscopic pelvic extensive lymphadenectomy

Live transmission
"Laparoscopic lymphadenectomy for staging of pelvic cancer"

1.00 pm  Lunch

AFTERNOON

2.00 pm  Experimental laboratory (practice on live tissue)

Practical evaluation
> Practice of previously performed procedures
- Nephrectomy
- Pyeloplasty
- Ureterolyse
- Burch...

Training session of robotic surgery (Da Vinci system)

6.30 pm  Shuttle-bus IRCAD/EITS - hotel
Friday

Laparoscopic intensive courses / Urological Surgery

MORNING

THEORETICAL SESSION

8.00 am  Proficiency test (for the surgeons having applied for the University Diploma)
  > Multiple Choice and Short Answer Questions for the:
    - University Diploma (Université Louis Pasteur ULP)
    - AMA (American Medical Association) and MAINCERT (Royal College of Physicians and Surgeons of Canada) - CME accreditation
    - Accreditation by the Association Française d’Urologie
    - Accreditation by the European Accreditation Council for Continuing Medical Education (EACCME) – CME accreditation

9.00 am  Laparoscopic radical prostatectomy
  > Transperitoneal road
  > Extraperitoneal approach
  > Robotic radical prostatectomy

Laparoscopic prostatocystectomy
  > Technical principles

Safety and laparoscopy

1.00 pm  Lunch

AFTERNOON

Theoretical day

2.00 pm  Adrenalectomy: Transabdominal approach

  New technologies and new concepts in laparoscopic surgery: from virtual reality to robotic surgery

N.O.T.E.S: The next mutation in minimally invasive surgery

4.00 pm  End of the seminar

  Delivery of the certificates of attendance and of the diplomas for the successful candidates

4.15 pm  Shuttle-bus IRCAD/EITS - hotel

This programme may be subjected to modifications