

Course objectives

- To know the equipment currently available to perform a PCNL
- To know and to have previously performed the different stages of PCNL in animal models
- To know the equipment currently available to perform a URS
- To know and to have previously performed the different stages of laser URS in animal models
- To know how to use image intensification and radiation protection rules
- To know how to use a laser
- To know disinfection protocols of flexible and semi-flexible endoscopes
- To know PCNL and URS indications

Educational methods

- Interactive theoretical and video sessions between faculty and course participants
- Live operative demonstrations
- Practical training on live tissue (mini-pigs) and on inanimate models

You can register online for IRCAD courses at

www.ircad.fr

Or use this code for a flash registration for this course



Thursday September 10

7.45 am
Registration and welcoming of participants

8.00 am Theoretical session

- Percutaneous nephrolithotomy:
 - Materials and technique
 - Indications, results, complications
 - Special features
- Flexible, semi-flexible and laser ureterorenoscopy:
 - Materials and technique
 - Laser anatomy
 - Indications, results, complications
 - Tips and tricks

12.00 pm
Lunch at the Institute

1.30 pm
Materials presentation and handling: endoscopes, laser, pump and disposable instruments

Practical session

- Hands-on training:
 - on inanimate models (PCNL and laser flexible URS training)
 - on live tissue (mini pigs)

Presentation of clinical cases for live surgery

6.00 pm
End of session

8.00 pm
Dinner in honor of participants

Friday September 11

7.45 am
Evaluation of the previous day

8.00 am Live operative demonstrations

3 interventions, depending on the foreign expert: 2 PCNL and 1 URS or 1 PCNL and 2 URS

1.30 pm
Lunch at the Institute

2.30 pm Theoretical session

- Radiation protection
- Material sterilization
- International recommendations
- Tips and tricks for handling, storage and maintenance of these flexible and semi-flexible endoscopes
- Clinical cases

6.00 pm
End of course
Delivery of certificates of attendance

This program may be subject to modifications.

According to the French law "informatique et liberté", you have the right to access and modify your personal data, which may be transmitted to other companies, associations or organizations.