



LASER MICROLARYNGEAL SURGERY

ADVANCED COURSE

April 5-6

COURSE DIRECTOR

L. Haddad (BR)

G. Lawson (BE)

G. Peretti (IT)

P. Schultz (IT)

7:45 am – OPTIONS A AND C
REGISTRATION AND
WELCOMING OF
PARTICIPANTS

8:00 am – **THEORETICAL SESSION**

General considerations

- Anesthesia in airway surgery
- Basics of laser surgery and tissue interaction

Material considerations

- Microscope, lasers parameters, micromanipulator, safety
- Exoscope presentation and adaptor for laser, safety

Management of bilateral vocal fold paralysis

- Posterior cordectomy
- Arytenoidectomy
- Endo-extralaryngeal suture lateralization

12:30 pm – LUNCH AT THE INSTITUTE

1:30 pm – OPTIONS A AND C
THERORETICAL SESSION

Laser for benign lesions

- Polyp, Reinke's edema, nodules, cystic lesions, HPV

Laser for malignant lesions

- Patient selection and radiological consideration
- Cordectomy type I-VI
- How to manage surgical margins?
- Supraglottic laser surgery
- Supraglottic robotic surgery

WORKSHOP ON SIMULATOR

- Introduction to microlaryngeal surgery

5:00 pm – END OF OF THE COURSE
FOR OPTION A

DELIVERY OF CERTIFICATES
OF ATTENDANCE

8:00 pm – DINNER FOR OPTION C

7:45 am – OPTION C
EVALUATION OF THE
PREVIOUS DAY

8:00 am – **HANDS-ON SESSION ON
ANATOMICAL SPECIMENS**

Instrument set-up

- Suspension: tips and tricks
- Laser microlaryngoscopy set-up
- Exoscope and laser set-up

Management of bilateral vocal fold paralysis

- Endo-extralaryngeal suture lateralization
- Posterior cordectomy arytenoidectomy
- Endo-extralaryngeal suture lateralisation

12:00 pm – LUNCH AT THE INSTITUTE

1:00 pm – OPTION C
**HANDS-ON SESSION ON
ANATOMICAL SPECIMENS**

- Cordectomy type I, II, III, IV
- Cordectomy type V
- Cordectomy type VI
- Supraglottic laser surgery

5:00 pm – END OF THE COURSE
FOR OPTION C
DELIVERY OF CERTIFICATES
OF ATTENDANCE

COURSE OBJECTIVES

- To learn how to expose the larynx with different scopes according to the anatomy of patients
- To perform endoscopic enlargement of the glottis for bilateral vocal fold paralysis
- To perform endoscopic treatment of laryngeal cancer
- To present a new simulator to train for laryngeal microsurgery
- To offer CO2 laser training for the treatment of initial laryngeal cancer
- To present an alternative tool for laryngeal microsurgery: the exoscope

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between Faculty and course participants
- Hands-on training on anatomical specimens (option C)
- Workshop with a microlaryngeal surgery simulator (option A and C)

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