

Workshop on laryngeal reinnervation November 30th & December 1st 2017 Medical Training Center (MTC)

Preliminary Program
(08/09/2017)

LOCATIONS

**Auditorium, Medical
Training Center (MTC),
20 rue Marie Curie,
76000 Rouen**

**Anatomy Laboratory
(Prof Fabrice Duparc),
Teaching Building,
Faculty of Medicine, 22
Boulevard Gambetta,
Rouen (5' by foot from
the MTC)**

**Experimental Surgery
Laboratory, Research
Building, Faculty of
Medicine, 22 Boulevard
Gambetta, Rouen (5' by
foot from the MTC)**

**Dinner (« La
Couronne », 31 Place du
Vieux Marché, Rouen)**

Thursday 30/11

8h - 13h

8h - 8:15 : Registration (MTC)

8:15 - 8:30 : Introduction. Prof Alain Cribier, Prof Philippe Grise, Prof P Fréger, Prof Jean-Paul Marie **8:30 - 9 :00** : Talks - Anatomy and physiology of the larynx, applied to laryngeal reinnervation (Aude Lagier, 20') - Technique of the non selective unilateral reinnervation (ansa recurrent technique) (Kate Heathcote, 10') - Case n°1 presentation (JPM 5') **9 - 11:00** : Surgery from the Operating Room (OR) : Unilateral non selective reinnervation (ansa recurrent technique) Kate Heathcote and Nicolas Bon Mardion (OR), with interaction in MTC : JP Marie, Yakubu Karagama.

11 - 11:10 : café croissants

11:10 - 12 :00 : Talks

- Results of the ansa-recurrent technique and indications (JP Marie 10')

- Ansa-recurrent: UK experience (K Heathcote, Y Karagama 10')

- Discussion (10')

- History and Principle of Selective laryngeal reinnervation in bilateral vocal fold paralysis (JP Marie, 15')

- Laryngeal diplegia, etiology, evaluation and LEMG (JP Marie, 10')

- Case n°2 presentation (JPM 5')

12-13:00 : from the OR : Evaluation of diplegia with LEMG before laryngeal reinnervation (JP Marie, Patrick Magnier & Jean Selim). Auditorium of the MTC : Kate Heathcote and Nicolas Bon Mardion.

13-14 : lunch and discussions (MTC)

Thursday 30/11

14h - 20h

14 - 15:15 : Talks

- Anesthesiology for diplegia (Jean Selim, 15')
- Anatomy of the hypoglossal branches (ansa and XII TH, Nicolas Bon Mardion 15')
- Anatomy and physiology of the phrenic nerve (JP Marie, 15')
- Technique of Bilateral and selective laryngeal reinnervation (JP Marie 15')
- Nerve sutures (N Bon Mardion, 10')

15:15 - 15:30 : Groups determination and travel to Anatomy Lab or Microsurgery Lab Faculty of Medicine (5 minutes by foot)

15 : 30 - 17 :45 : Hands on.

Group 1 : Cervical anatomy, dissection (Anatomy Lab, Prof. Fabrice Duparc, Aude Lagier, Y Karagama, F Crampon)

Group 2: nerves sutures (Experimental Microsurgery Lab, JP Marie, Celia Duclos, P Charnavel), Faculty of Medicine.

18 - 19 : For all : Go back to Auditorium of MTC. Synthesis, discussion and preparation for Friday surgery : bilateral selective reinnervation

- Stem cells for axonal regeneration (N Bon Mardion, 10')
- Cadaver neck dissection (JP Marie, 10')
- Case n°3 presentation (JPM 5')
- Discussion

20h : Dinner, La Couronne

Friday 01/12

8 - 10 : Hands on.

Group 2 : Cervical anatomy, dissection (Anatomy Lab, Prof. Fabrice Duparc, Yakubu Karagama, JPM, F Crampon)

Group 1 : nerve sutures (Experimental Microsurgery Lab, JP Marie, Celia Duclos, Fanny Bense), Faculty of Medicine.

10 :15 - 13 : Auditorium of MTC : from the OR : Bilateral selective reinnervation. Nerves identification . Intralaryngeal dissection (Nicolas Bon Mardion, Aude Lagier). Auditorium : Kate Heathcote, Yakubu Karagama.

(11 - 11:15 : cafe croissants) during the procedure.

13 - 14 : Lunch and discussion with surgeons from the OR (Kate Heathcote) 14 - 17 :

Auditorium of MTC : from the OR : Bilateral selective reinnervation . Nerves sutures (Nicolas Bon Mardion, JP Marie). Auditorium : Kate Heathcote, Aude Lagier, Y Karagama

17 - 17:30 : Tea time

17:30 - 18:15 : Talks

- Location of the motor endplates inside the PCA (Aude Lagier, 10')
- Bilateral reinnervation, results and indications (JP Marie, 20') +++
- Discussions (15')

18:15- 18:30 : Closing remarks