**Workshop on laryngeal reinnervation**

**November 12-13, 2018**

**Medical Training Center (MTC)**

**Preliminary Program (26/08/2018)**

**Locations**

* Auditorium, and dissection rooms, Medical Training Center (MTC), 20 rue Marie Curie, 76000 Rouen, France
* Working dinner : ….

**Monday November 12th**

8h - 8:15 : Registation (MTC)

8:15 – 8:30 : Introduction. *Prof Alain Cribier, Prof Philippe Grise, Prof Laurent Yon,Prof Pierre Fréger, Mr Antoine Boudet, Prof Jean-Paul Marie*

8:30 – 9 :00 : Talks

* Anatomy and physiology of the larynx, applied to laryngeal reinnervation (Aude Lagier, 15’)
* Technique of the non selective unilateral reinnervation (ansa recurrent technique) (Kate Heathcote, 10’)
* Case n°1 presentation (JPM 5’)

9 – 10:45 : **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.

10 :45 – 11:00 : café croissants

11 – 12:00 : Talks

* R Crumley : US experience with ansa recurrent technique and synkinesis. (20’)
* Rouen 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, N Bon Mardion, Patrick Magnier & Jean Selim). Auditorium of the MTC : Kate Heathcote and Nicolas Bon Mardion.

13-14 : lunch and discussions (MTC)

14 – 15:15 : Talks

* Anatomy of the hypoglossal branches (ansa and XII TH), Frederic Crampon 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’)
* Neck dissection (JP Marie, 10’)

15:15 – 15:30 : Groups formation and go to Dissection laboratories (in the MTC)

*15 : 30 – 18 :* ***Hands on.*** *Group 1 : Cervical anatomy, dissection (MTC). (Aude Lagier, Y Karagama, K Heathcote, F Crampon) ; Group 2: nerves sutures (JP Marie, N Bon Mardion, P Charnavel, D Avril).*

18: 15 – 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’)
* Case n°3 presentation (JPM 5’)
* Discussion

20h : Dinner, La Couronne restaurant.

**Tuesday 15th of May**

*8 – 10:30:* ***Hands on****. Group 2 : Cervical anatomy, dissection (Yakubu Karagama, F Crampon, K Heathcote, JPM) ; Group 1 : nerve sutures (JP Marie, Ch Maquet, D Avril)*

10:30 - 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.

Anesthesiology for diplegia (Jean Selim, 15’)

Patient presentation (unilateral and bilateral reinnervation results) (with Xion\* assistance).

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

14 – 16 : **Auditorium of MTC :**  **from the OR**: **Bilateral selective reinnervation** .

Nerves sutures (Nicolas Bon Mardion, JP Marie). Auditorium : Kate Heathcote, Aude Lagier, Y Karagama, R Crumley.

16- 18:15 : Talks

* Location of the motor endplates inside the PCA (Aude Lagier, 10’)
* Bilateral reinnervation, results and indications (JP Marie, 20’) +++
* Discussions (30’)

18:15- 18:30 : Closing remarks