**Workshop on laryngeal reinnervation**

**November 7-8th, 2022**

**Medical Training Center (MTC)**

**Rouen, Normandy**

**Program**

**International Workshop on Unilateral and Bilateral Laryngeal Reinnervation**

Organised by the **Medical Training Center, Rouen**

**Date:**

November 7-8th, 2022

**Faculty:**

- **Prof. Jean-Paul Marie**, ENT surgeon, Rouen, France

- **Dr.** **Yakubu Karagama**, ENT surgeon, London, England

- **Dr.** **Kate Heathcote**, ENT surgeon, Poole, England

- **Dr.** **Aude Lagier**, ENT surgeon, Liège, Belgium

- **Dr.** **Frédéric Crampon**, ENT surgeon, Rouen, France

- **Dr.** **Jean Selim**, anaesthesiologist, Rouen, France

**Venue:**

- Auditorium, and dissection rooms, Medical Training Center (MTC), 20 rue Marie Curie, 76000 Rouen, Normandy, France.

**What will you learn ?**

- Learn about the indications and techniques of reinnervation in uni and bilateral laryngeal paralysis

- Hypoglossal nerve branches anatomy

- Intralaryngeal anatomy of recurrent laryngeal nerve and branches

- Anatomy of the phrenic nerve roots

- Nerve Suture

**Teaching methods**

Cas live, Cas pratique, Cadavre, Présentation théorique

**Public cible**

**Audience Limited to certified ENT specialists**

**Program**

**Monday November 7th**

8am Welcome and registration

8:30am - 9am **Talks**

* Anatomy and physiology of the larynx, applied to laryngeal reinnervation (*Aude Lagier*, 15’)
* Technique of the non-selective unilateral reinnervation (ansa recurrent technique) in unilateral vocal fold paralysis (*Jean-Paul Marie* 10’)
* Presentation of Case n°1 (*Jean-Paul Marie* 5’)

9am - 10:45am **Surgery from the OR:** Unilateral non selective reinnervation (ansa recurrent technique): *Kate Heathcote and Aude Lagier*, with interaction from the Auditorium: *Yakubu Karagama, JP Marie*.

*\*\*\*Coffee break\*\*\**

11am - 12pm **Talks**

* Results of the ansa-recurrent technique and indications (*Jean-Paul Marie* 10’)
* Ansa-recurrent: UK experience (*K Heathcote, Y Karagama* 10’)
* Discussion (live and visio conference) (10’)
* History and Principle of Selective laryngeal reinnervation in bilateral vocal fold paralysis (*Jean-Paul Marie* 15’)
* Laryngeal diplegia, etiology, evaluation and LEMG (*Jean-Paul Marie* 10’)
* Case n°2 presentation (*Jean-Paul Marie* 5’)

12pm - 1pm **Surgery from the OR:** Evaluation of diplegia with LEMG in case of laryngeal reinnervation *(JP Marie & Jean Selim),* with interaction from the Auditorium: *Kate Heathcote and Aude Lagier*

*\*\*\*Lunch\*\*\**

2pm - 3:15pm **Talks**

* Anesthesiology for diplegia (*Jean Selim* 15’)
* Anatomy of the hypoglossal branches: ansa and XII TH (*Frédéric Crampon* 15’)
* Anatomy and physiology of the phrenic nerve (*Jean-Paul Marie* 15’)
* Technique of Bilateral and Selective laryngeal reinnervation (*Jean-Paul Marie* 15’)
* Nerve sutures (*Jean-Paul Marie* 10’)

3:15pm - 3:30pm Group determination and travel to Dissection Lab and Microsurgery Lab in the MTC

3:30 - 5:45pm **Hands on - Group 1: Cervical anatomy, dissection** (*Aude Lagier, K Heathcote, Y Karagama, F Crampon*); **Group 2: Nerve sutures**(*JP Marie, Charles Maquet, P Charnavel*).

6pm - 7pm For all, from the Auditorium: Synthesis, discussion

*\*\*\* 8pm - Dinner (optional - cost is approx. € 60 / person)\*\*\**

**Tuesday May 31st**

8am - 10am **Hands on. Group 2: Cervical anatomy, dissection** (*K Heathcote, Y Karagama, JP Marie, F Crampon*); **Group 1: Nerve sutures** (*JP Marie, Charles Maquet, P Charnavel*).

10:15am - 1pm: **Surgery from the OR:** Bilateral selective reinnervation. Nerve identification. Intralaryngeal dissection (*Kate Heathcote, Aude Lagier*). Auditorium: *Yakubu Karagama, JP Marie*

*\*\*\*11am Coffee break (during the procedure)\*\*\**

*11h15 : Patient testimony*

*\*\*\* Lunch\*\*\**

2pm - 4pm **Surgery from the OR:** Bilateral selective reinnervation. Nerve sutures (*JP Marie*). Auditorium: *Kate Heathcote, Aude Lagier, Y Karagama*

4pm – 6pm **Talks**

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

6:15pm - 6:30pm Closing remarks