# Regional Anesthesia and Acute Pain Fellowship and or Regional Anesthesia Fellowship with Trauma option

Program Co-Directors:

Regional Anesthesia: Dr Juan Francisco Asenjo, De Tran

Trauma: Dr David Bracco

- Location: The Montreal General Hospital, McGill University Health Centre
- Number of fellowship positions: 1 per year
- Type of Fellowship: Mostly Clinical with some Clinical Research
- Academic affiliation: MGH Trauma Unit and McGill Anesthesia Department
- Name of hospitals involved in training: The Montreal General Hospital
- Research activity: Clinical Research

#### Mission:

To provide trainees with a comprehensive clinical and academic knowledge of Trauma Anesthesia, Regional Anesthesia and Acute Pain Management. Fellows will develop clinical proficiency in providing the highest standards of anesthetic and perioperative care in both areas. The candidate will also gain experience in the design and conduct of clinical research projects.

Eligibility: Only fully trained anesthesiologist are eligible for the training

## **Details of the Program:**

This is a 12 months training fellowship. The fellow will spend the period in the following areas:

- 5.5 months in Regional Anesthesia
- 5.5 Months in Trauma anesthesia, ICU trauma as well as Trauma Team Leader (TTL) activities.
- 1 month of vacations

#### **Funding**

For information regarding the acceptable sources of funding please visit the link at <a href="http://www.mcgill.ca/pgme/admissions/prospective-fellows">http://www.mcgill.ca/pgme/admissions/prospective-fellows</a>

#### **Facilities:**

The Montreal General Hospital (MGH) is the main downtown Montreal Trauma Center. Comprehensive treatment for trauma, orthopedic, urology, general surgery, maxillofacial, thoracic and plastic surgery cases is provided. With around 7000 orthopedic and plastic

surgeries performed per year along with over 1500 trauma cases with ISS >15, this is the place to get extensive training in Regional Anesthesia and Trauma.

The anesthesia staff has extensive experience in Trauma management and some of our anesthesiologist travel the world teaching this topic. They also share responsibilities as Trauma Team Leaders (TTLs) managing the trauma cases that arrive to the ER from the moment they are admitted to our institution. The MGH Trauma team is proud of having the best rate of survival at 30 days in Canada in mayor trauma cases.

Our team of regional anesthesia trained staff teaches residents and fellows multiple techniques following the guidelines of the American Society of Regional Anesthesia. Extensive experience is offered in Ultrasound-guided blocks for continuous and single- shot approaches. We have four state-of-the-art US machines dedicated to RA with one or two more in the plans. All aspects of Regional Anesthesia are covered including workshops in human models and cadavers, lower extremity, upper extremity, paravertebral blocks and trunk blocks, epidurals at all levels in the spine and some exposure to blocks in the face. As part of the training, fellows have a dedicated rotation with the Acute Pain Service, a busy month with exposure to mostly acute postoperative pain cases and trauma, but also acute-on-chronic pain cases.

#### **Activities**

In the first month of activities, the fellow will be assigned to Acute Pain Service and will take call with Dr Bracco as TTL in order to understand the daily work of the hospital.

When on the trauma rotation, the fellow is expected to run the trauma list when on the trauma rotation. There are approximately 1 trauma list per day. The fellow will be supervised by Dr Bracco and will take calls in anesthesia and spend time following Dr Bracco in his role of trauma team leader. The fellow will work with the trauma team, and will spend time in ICU rounds of the trauma patients. The goal of the trauma rotation will be to provide a complete and operational Trauma Team Leader Training.

During the Regional anesthesia rotation days, the fellow will be supervised by Dr Asenjo and he/she is expected to work Monday to Friday from 7:15 to around 5pm. The schedule includes one non-clinical day per week and one day dedicated to Acute Pain Service. When on the regional anesthesia rotation, the fellow will be expected to cover lists which require regional blockade. The fellow is also expected to occasionally provide anesthesia for both thoracic and plastic surgery lists during both the regional and trauma portions of the fellowship.

#### Other academic activities:

There are weekly Trauma Rounds the fellow is expected to attend. The fellow will be provided support to obtain an ATLS instructor level with ACS certification, and DATC instructor level with WFSA certification.

There are weekly Anesthesia Department Rounds every Thursday 7:30 to 8:30 which the fellow is also expected to attend. The fellow is expected to present twice in the academic year at these rounds.

**Library access:** The fellow will have free access to both the Mcgill University Library, and the libraries at the Montreal General Hospital

**Extra Duties:** Once or twice per year the fellow will be involved in teaching ACLS and ATLS at the McGill University Simulation Center.

# **Fellow Duties and Responsibilities**

The fellow will take call in anesthesia 2-3 times per month.

When on the trauma service, the fellow will take call with the trauma team leader 2-3 times per month. This will be call from home.

The level of involvement with residents' teaching and research activity will depend on the candidate's interests and expertize and will be determined by mutual agreement before the start of the fellowship. Interaction with residents is however encouraged.

## Proposed meetings to be attended by the fellow

Fellows are encouraged to attend the annual ASRA meeting in April as well as the Trauma Society meeting and present abstracts.

### Research productivity and publications expected by the Fellow

The fellow is expected to publish a paper at the end of their fellowship

The fellow is expected to develop and demonstrate proficiency in the basic competencies outlined by the Royal College of Canada. These include:

Medical Expert, Communicator , Collaborator, Manager, Health Advocate, Scholar and Professional

# Global evaluation of competence and progress

The trainee will be evaluated using the standard One45 assessment tool that is currently used throughout Mcgill University. Evaluations will be happen every 3 months or more often, and will be performed by the supervisor of the current rotation of the fellow.