



EFORT FOUNDATION

Report Visiting Fellowships

Name: ANTONINO GIULIO BATTAGLIA
Country of residence: ITALY
Country of visiting fellowship: FRANCE
Name of the host: DR. FREDERIC LAUDE
Dates of visiting fellowship: 1/11/2019-30/04/2020

1. Description of clinical activities during the fellowship
2. Description of scientific activities during the fellowship
3. Description of social aspects of the fellowship
4. Technical skills that I learnt during the fellowship
5. Theoretical knowledge that I learnt during the fellowship
6. New knowledge and skills that I can implement in my own practice
7. Overall reflective statement over how the fellowship contributed to my professional development
8. What are your future plans?

Report to EFORT:

1. Description of clinical activities during the fellowship

The clinical activity consists of a daily operating session on Monday and Wednesday. Usually there are always 4-5 THA performed in AMIS (anterior mini invasive approach) with the use of the dedicated traction bed and 2 hip arthroscopies. There are also periacetabular osteotomy (PDO) and mosaicplasty sometimes.

It is very efficient and possible to perform many daily operations thanks to the skill of Dr. Laude and the possibility of having two dedicated operating rooms to maximize the time and not have to wait for the room to be cleaned. Since the first day all the nursing staff and in general all the people inside operating room have been friendly and nice to me and our relationship has grown over time.



EFORT FOUNDATION



Once the operating session is finished, the tour of the operated patients is always carried out personally by Dr. Laude and in some cases the patient undergoing THA is discharged on the evening of the day surgery, after having received the appropriate information on the operation and all the necessary for subsequent checks.

The Tuesday and Thursday starts in the morning by going around the hospitalized patients and giving them the file with all the information of the intervention performed and then starts the outpatient clinic day. My tutor follows and listens closely to each patient, dedicating them all the time necessary to feel comfortable and to be satisfied with their questions about the checks or to prepare for an eventual operation. In addition to personal data, several orthopedic evaluation scales that are useful for scientific works or for clinical follow-up. Fortunately, over time I learned French so some English translations from my tutor to me were reduced.

2. Description of scientific activities during the fellowship

I had the opportunity to actively attend two cadaver lab sessions thanks to Medacta and Dr. Laude with the possibility of receiving tricks for primary THA and for revisions as educational activities for anterior minimally invasive surgery (M.O.R.E. AMIS Learning Center and M.O.R.E. AMIS Revision Learning Center). The courses were inside the surgery school that is very equipped and organized to accommodate this type of event. Furthermore, I had the pleasure of meeting different surgeons from all over the world in the cadaver lab sessions and during the fellowship.



EFORT FOUNDATION



Regarding the scientific aspect, my mentor is very active and we have often discussed about issues concerning hip and pelvis surgery regarding international conference or medical literature.

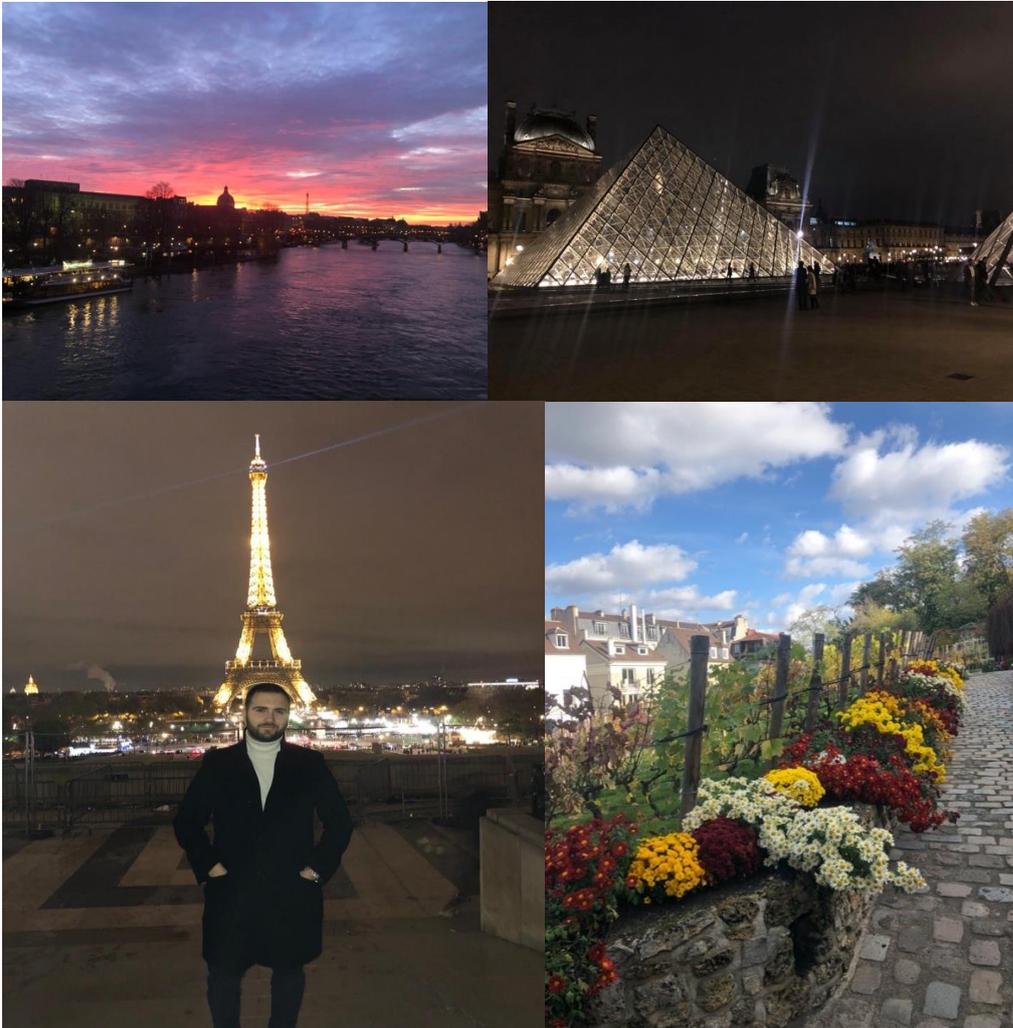


3. Description of social aspects of the fellowship

I would recommend this experience to everyone. Even if I left alone for Paris, over time I was able to find my other compatriots and other people from all over the world with whom a relationship of true friendship was born and which I hope will continue for long time. Paris is also wonderful and gives indescribable emotions with its streets, its monuments, its sunsets and its magical evenings. I was in this city a few years ago and when I knew that I would return for this fellowship I was immediately enthusiastic. It is a city that gives you millenary culture, music, culinary and artistic experiences and allows you to better understand French culture. The Eiffel Tower or Montmartre, Bastille, Louvre, Champs-Élysées and many other things will remain forever in my heart and in my mind. I will never forget the people that I met here and what I felt during this experience.



EFORT FOUNDATION



4. Technical skills that you learnt during the fellowship

- Minimally invasive anterior approach by bikini incision.
- Where and how to position the retractors during the total hip arthroplasties.
- How to suture and anchor the gluteus medius tears.
- Minimally invasive anterior approach (Hueter) for THR using the special orthopedic table of Medacta.
- Plan for THR.
- Management of neck length during THR surgery.
- How to manage dysplastic hips in THR using head graft.
- Techniques of revision THR by anterior approach (Hueter).
- Management of intra-operative periprosthetic fracture in THR.
- Periacetabular osteotomy (PAO) in young patients with hip dysplasia by minimally invasive approach.
- Proximal femoral varus osteotomy (in the femoral neck using Hueter approach)
- Hip mosaicplasty technique.



**E
F
O
R**

FOUNDATION

- Hip arthroscopy (outside-in technique) as treatment option for femoro-acetabular impingement (FAI), hip instability, and endoscopy for tendinitis of psoas after THR.

5. Theoretical knowledge that you learnt during the fellowship

- Advantages of the anterior minimally invasive surgery: a muscle-sparing and inter-nerve approach that minimizes damage to soft tissues, contributing to a faster patient's recovery, short incision, less dislocation rate and shorter hospital stay.
- How and what to see and check in RMN of the hip.
- How to perform a correct clinical examination of a patient with hip pathologies.
- Advantages to use synthetic bone graft for revision.
- The importance of restoring the adequate offset besides leg length in THR.
- Advantages of using ceramic-on-ceramic as bearing surfaces in THR.
- Advantages of using bone-sparing implants, like short femoral stems in THR.
- Indications and contra-indications of PAO, hip arthroscopy, mosaicplasty.
- How to manage hip pain in young and active patients.
- FAST Track protocol for THR.

6. New knowledge and skills that you can implement in your own practice

Certainly having seen Dr. Laude live for six months has enriched me considerably on my technical and professional knowledge. I hope to be able to reproduce this technique (AMIS approach) autonomously very soon because it has incredible results for the patient in terms of risk reduction and complications for a hip replacement surgery. Also, very useful for my knowledge was the opportunity through arthroscopy to improve my anatomical knowledge and ability. It was also very nice to observe a mosaicplasty intervention that I had never seen before. In all these interventions the presence of the traction bed and the help of the faithful "GASTON" which is a special mechanical arm developed to support the tools.

7. Overall reflective statement over how the fellowship contributed to your professional development.

Like all things are in life, at the beginning we are all a little fearful and afraid but over time we find ourselves more and more comfortable. I believe that the experience of the fellowship has been truly formidable from a professional and a human point of view. My knowledge are certainly improved thanks a lot of interventions (about 220) that I have seen and a many tips and tricks that I received. Time passes quickly and this experience is already ended so I hope to be able to put into practice all that Dr. Laude has taught me as soon as possible.

8. What are your future plans?

My plans for the future are to try to improve and to be able to reproduce the technique seen during the fellowship with the hope of becoming good in my job and to try to help the suffering patients to regain the fastest and safely their life.



**E
F
O
R**

FOUNDATION

Acknowledgements

A due thanksgiving is obligatory to the EFORT foundation for the possibility that has been given to me as well as to MEDACTA for the courses that I have attended. Once again thanks at Dr. Laude for the time and daily teachings he has given to me, all the staff of Clinique du Sport especially Dr. Vittore Costa who helped me in this experience, the nurse Cirille, Veronique the secretary of Doctor Laude, all my Italian friends that I met in Paris and to all those who made me feel at home.

At last I hope that this pandemic of Corona Virus will finish very soon and that all people in the world can return at normal life and activity embracing their families and friends.

GRAZIE MILLE!!