

## Clinical Fellowship

Ospedale San Giuseppe is in the heart of Milan, and the department of hand surgery is one of the largest and busiest in Europe. Receiving patients from all over Italy and beyond.

The department is split over three sites and I had the opportunity to visit at all three.

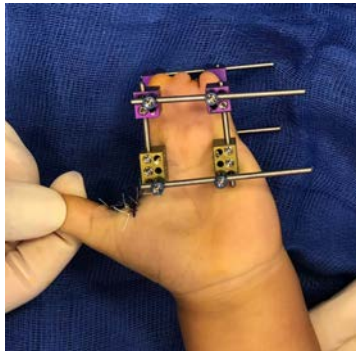
I was very much a part of the clinical team, looking after inpatients and helping with on calls. I spent the majority of my time in the operating rooms but I also spent time helping in clinics, both elective and emergency for adults and children.

During the 11 months I participated in over 350 cases, just over a third of which were trauma. An incredibly diverse mix of cases from congenital hand, to wrist reconstruction, to complex trauma requiring microsurgical reconstruction.

During the year I attended many meetings and congresses. Representing the department, and presenting our work both nationally and internationally.

I also attended and taught on multiple courses at the fantastic cadaveric lab facility owned by the hospital. These included. Dissection teaching for students, microsurgical and endoscopic courses.

Congenital hand



Endoscopic Carpal Tunnel



Collagenase



Complex Trauma



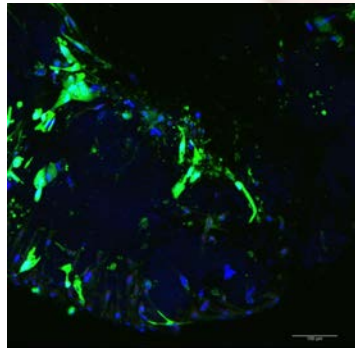
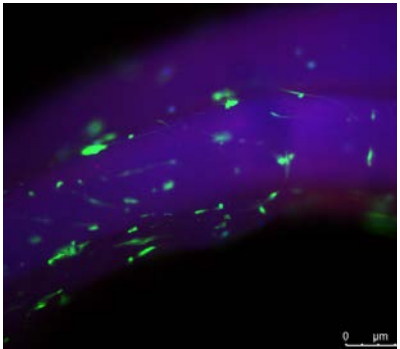
Microsurgical reconstruction



# FESSH Travel Award 2019

## Research

During my time in Milan I was very fortunate to have the opportunity to not only participate in clinical work, but also to join the group of Prof Yvan Torrente in the stem cell laboratory as part of the University of Milan, I was part of a team developing new techniques for recellularising acellular nerve grafts with stem cells, in the ongoing challenge to develop techniques to improve the quality of recovery and subsequent functional outcomes following peripheral nerve injury.



Immunofluorescence and confocal microscopy images of the recellularised nerve conduit



## Acknowledgements

A special thank you to Professor Giorgio Pajardi for welcoming me into his big family of colleagues. And a huge thank you to all of my fantastic colleagues and friends (surgeons, hand therapists nurses, students and researchers) for tolerating my terrible Italian.



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO



FESSH

Federation of  
European Societies for  
Surgery of the Hand



Ospedale  
San Giuseppe  
Gruppo MultiMedica





UNIVERSITÀ DEGLI STUDI  
DI MILANO



**U.O.C UNIVERSITARIA DI CHIRURGIA E RIABILITAZIONE DELLA MANO  
SCUOLA DI SPECIALIZZAZIONE IN CHIRURGIA PLASTICA RICOSTRUTTIVA ED ESTETICA  
MASTER UNIVERSITARIO IN RIABILITAZIONE DELLA MANO  
MARC INSTITUT CADAVER LABORATORY  
DIRETTORE: PROF. GIORGIO PAJARDI**

Milan, April 7, 2020

**CERTIFICATION**

It is certified that the trainee Catherine Elizabeth Young attended the Hand Surgery Unit directed by me in the period from April 8, 2019 to February 29, 2020 carrying out her clinical activity in the operating room, in the ward and in the clinic, showing an excellent cultural and scientific preparation, an advanced surgical skill, a strong predisposition to research and relational skills of interaction with colleagues and patients.

Prof. Giorgio Pajardi