



RCSI

ROYAL COLLEGE OF SURGEONS IN IRELAND

COLÁISTE RÍOGA NA MÁINLEÁ IN ÉIRINN

Grant/Fellowship Report Form

Fellowship/Grant Holder Name	Danielle Collins
Brief biography, including qualification and year of graduation (no more than 100 words)	I obtained my CCST in September 2018. I qualified from Trinity College Dublin in 2005 and completed my Higher Surgical training in Ireland.
Title of Project/Fellowship	Robotics and Pelvic Exenteration fellowship, The Royal Marsden Hospital, London, UK
Year of Award: Commencement Date: Conclusion Date:	2018-2019 August 2018 August 2019

Summary (no more than 250 words)

The Royal Marsden NHS foundation trust is a tertiary referral centre for advanced pelvic malignancy including recurrent and locally advanced colorectal cancer. In addition, it is one of the first units in the UK to use minimally invasive robotic techniques in the management of complex pelvic malignancies. The hospital is renowned for its excellent cancer outcomes, pioneering clinical research and robotic surgical training.

This fellowship encompassed all aspects of pelvic surgery. I rotated through the gynaecology surgical service, urology oncology service and the colorectal service spending 4 months in each department. It was fascinating to learn about pelvic anatomy from different perspectives and to understand the nuances of pelvic surgery depending on the specialty involved. I also attended clinics in each specialty and learned about the pre-operative work-up and post-operative management of this complex patient cohort. On a weekly basis, I attended up to three multi-disciplinary meetings in urology, gynaecology and colorectal surgery with expert input from world leaders in oncology, clinical oncology, radiology and the various specialties.

In terms of operative experience, I had fantastic exposure to all types of pelvic surgery. I gained experience in robotic and open lateral pelvic lymph node dissection. I learned how to perform an open and robotic radical hysterectomy as well as radical cystectomy and ileal conduit formation. I also gained valuable experience in pelvic exenteration surgery and took part in multiple multi-disciplinary cases with urologists, vascular surgeons, gynaecologists, hepato-biliary, upper GI and sarcoma surgeons.

Grant Report (in the region of but no more than 500 words)

Objectives of Project/Fellowship:

The aim of the fellowship was to gain experience in pelvic exenteration surgery and robotic pelvic surgery

Did you achieve these objectives?

Yes

In your opinion, what is the value of your award to:

- (a) Yourself: This fellowship has given me the technical skills to perform complex pelvic surgery. In addition, I have learned about the work-up and management of these patients. From a non-technical skill perspective, I understand the decision making process in identifying patients that will benefit from this type of surgery. During the year, I obtained my DaVinci robotic surgeon console certificate. In addition, I learned some valuable robotic techniques which will be very useful for my future career.

- (b) The institution in which you worked: This fellowship encourages interdisciplinary and international collaboration within the institution. The rotational nature of this fellowship means that some of my skills and experience can be shared with other disciplines and it was enjoyable to interact with other specialties and discuss management of cases from different surgical perspectives.

- (c) In the future for Irish patients: Irish patients will benefit from the skills and techniques I have gained during this fellowship. In addition, I have gained valuable knowledge of the workings of a different health care service and can hopefully implement some positive changes going forward.