

Name:

Tereza Indrielle-Kelly

Position held:

PhD student in endometriosis ultrasound

Name of the centre visited:

Oncogynaecological center, 1st Faculty of Medicine and General teaching hospital in Prague, Czech republic

Duration of work placement:

PhD student from 09/2016, travelship applied 01/2018 – 07/2018

I would like to thank BSGE in helping me fund traveling during my postgraduate studies in the oncogynaecological center famous for their ultrasound skills in cancer staging. My project has been in deep infiltrating endometriosis (DIE) staging by ultrasound and magnetic resonance, which reflects my interest in benign gynaecology. My research consisted of comparison of the methods and also assessment of learning curve in ultrasound and MRI. I performed approximately 50 transvaginal scans under supervision in women with suspected DIE, followed them up during their treatment and collected data from the rest of imaging. The results of my work are currently being submitted to Human Reproduction journal.

The secondary aim of my PhD studies has been designing a universal imaging protocol for ultrasound, MRI and surgical staging for use in the Czech republic as a consensus among the czech surgical and ultrasound societies since the recent international ultrasound protocol (IDEA, 2016) is not yet adapted for the MRI or surgical staging and is currently being validated in a multicentric study.

During my fellowship I submitted a video on the correlation among ultrasound, MRI and laparoscopic findings in bladder DIE to the BSGE Surgical Video Competition 2018, which was awarded one of the prizes in Doctors in Training category. I have presented and lectured on the topic at the national czech ultrasound conference and I have also become one of the reviewers for 2018 update of the 2013 ESHRE *Management of endometriosis* guidelines, subgroup "diagnosis".

This travel fellowship helped me in finishing my research in endometriosis and gaining practical skills in endometriosis ultrasound staging, which complemented my previous education in ultrasound (postgraduate certificate in early pregnancy and gynaecology, Kings, 2014).

In the future I want to work as a minimal access surgeon offering accurate diagnostics together with advanced laparoscopic treatment. Following the current trend it is a question of time when availability of advanced imaging becomes one of the conditions for accreditation of endometriosis centers.

As an ST4 I am planning to apply for the advanced ATSM and join my knowledge and experience in diagnostics with skills in advanced laparoscopic treatment to be able to offer both in the future post as a consultant.