



ESGO Traveling Fellowship

Fellows Report

To ESGO Grant Committee, Final Report

After the previous invitation from Professor Frederic Amant and approval of the Catholic University of Leuven, I started on April 20-2015 my internship as a Visiting Fellow in the Department of Gynecologic Oncology in Leuven, in Belgium. My stay there finished on May 13-2015. During the internship, I participated in daily routine practice of Oncogynecological center. In the staging of oncological diseases, I saw the work of prof. Dirk Timmerman and his team in the Ultrasound center. The ultrasound management of particular findings in their daily routine practice was very helpful to me, because also my Ph.D. work is about using ultrasound in oncogynecology. In the surgery hall, I was present to oncogynaecological radical surgeries under the guidance of Professor Ignace Vergote and Professor Frederic Amant. I became familiar with using the latest device as PlasmaJet Surgery System in radical surgical treatment of advanced ovarian cancer, as well with using DaVinci Surgical System in laparoscopic surgery for cervical and uterine cancer. I also became familiar with innovative technology use - fluorescence method with indocyanine green in concept of sentinel lymph node biopsy in cervical cancer and cancer of uterine body. I participated in several radical surgeries, when recurrent ovarian cancer was removed with no postoperative tumor residuum. In some cases even with necessity of the bowel resection, resection of the bladder, ureter and subsequent Boari plastic performed by urologist. I saw several times modified posterior supralevatoric exenteration with rectosigmoid colon anastomosis end to end and infralevatoric anterior exenteration for recurrent cervical cancer. I was a participant at the mammological surgery program including surgery and "tumor boards" under the leadership of Professor Neven. Every week there were meetings of Cancer in Pregnancy Group and PDTX platform group led by Professor Amant, in which I participated, observed and listened to their latest research projects in this fields. I also visited the labs. Every week there was a tumor Oncogynecological Tumor Board of 20-30 patients led by Professor Ignace Vergote. The patients were individual discussed in interdisciplinary collaboration with the pathologist, radiologists and

specialist in imaging methods (PET/CET, whole body MRI, CT, US) and oncogynecologist. At this board, diagnostic and therapeutic management of the patient was decided.

It was the great help to me, that I could complete Visiting fellowship with financial support of ESGO - Travelling Grant. I improved my knowledge and experience in oncosurgery and ultrasound, other imaging methods. I had a great opportunity to see the effective collaboration of basic scientists and clinicians in the team of Professor Frederic Amant in basic research.

Thanks to Travel Grant provided by ESGO, I spent one month in excellent center with oncogynecological team of Professor Ignace Vergote and Frederic Amant! It was great experience, not only the surgery room, but also the connection between daily clinical practice and science was astonishing!!! I hope, I will be able to start to build such a good clinic where the clinical work, science and studies on one place are! The big effort will be, to put all new instruments (PlasmaJet) and technologies (use of fluorescence method with indocyanine green) in daily routine practice in our oncogynecological center in Brno. Another goal is, together with our science research capabilities in Masaryk University, to establish tumor bank of oncogynecological diseases with the aim of linking basal research with clinical gynecologic oncology. Many thanks again for the Travel Grant, I hope, we will be able to join other oncogynecological centers in Europe in some scientific projects in the future.

Thank you very much

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