

SIU Scholarship: Dr. Mathew K. Y. Kyei

The Société Internationale d'Urologie offers Training Scholarships for young doctors with basic surgical or urological qualifications. The SIU Scholarships involve training in a recognized Urological center of excellence located in the candidate's geographical region. These SIU-accredited centers provide an excellent environment for learning and, in many instances, hands-on experience, so that candidates may acquire knowledge and skills that they will be able to transfer to their own setting of practice. In this series of short communications, SIU Scholars write about the impact that these training opportunities facilitated by the SIU had on their quality of care and career development. Information about applying for an SIU Scholarship is available at <http://www.siu-urology.org/>.

I completed my SIU Scholarship Training in the Department of Urology, Stellenbosch University and Tygerberg Hospital, South Africa, during the period May 4 to October 29, 2009. I was well received on arrival and immediately became integrated into the existing work schedule of the Urology Department.

My objective was a Uro-Oncology Fellowship, with training in the procedure of radical retropubic prostatectomy being a high priority. However, I became particularly interested in laparoscopic procedures as well, realizing that most oncological operations were also being done laparoscopically in the department.

The program of activities for my stay included daily ward rounds, with some of the rounds being teaching rounds, weekly out-patients clinic, weekly academic presentations where specific topics were presented and discussed, and weekly review of current journal articles. There was also a weekly session with the Radiology Department, in which interesting radiological findings from urology patients seen in the preceding week were discussed. My favorite session was a biweekly meeting between the departments of Urology and Anatomical Pathology where the histopathology of biopsies and surgical specimens of interest were reviewed.

I had access to Stellenbosch University's Faculty of Health Sciences internet library and Clinical Skills Laboratory. The latter is equipped with a modern simulator for laparoscopic surgery and offered good basic training in laparoscopy.

My theater sessions 3 times a week gave me the opportunity to participate in the following procedures.

Urological oncology: Radical prostatectomy (7 retropubic and 3 laparoscopic), pelvic exenteration for sarcoma of the prostate with colonic conduit (1), radical



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cystoprostatectomy with ileal conduit (2 open and 3 laparoscopic), radical nephrectomy (2 open and 2 laparoscopic), partial nephrectomy (1), and retroperitoneal lymph node dissection for postchemotherapy nonseminomatous testicular tumor (1). Numerous TURBTs were also done.

Endourology: Retro- and antegrade pyelography, visual internal urethrotomy for urethral stricture (numerous), ureteroscopy with stone retrieval and PCNL (5). TURPs were commonly done. There were also workshops on laser resection of the prostate and electrovaporization of the prostate.

Pediatric urology: Pyeloplasty for PUJ obstruction (2), ureteroureterostomy for ectopic ureters causing paradoxical incontinence (1), incision of posterior urethral valves (3), hypospadias repair (2 distal, 2 proximal, and 1 second stage).

Renal transplantation: Laparoscopic retroperitoneal donor nephrectomy (4) and renal transplantation (4 living related and 1 cadaver donor).

Other cases included anastomotic urethroplasty (3), Millins retropubic prostatectomy (8), and vaso-vasostomy for vasectomy reversal (4).

I attended a Pediatric Urology training course at the University of Cape Town, May 26-28, 2009. Some of the demonstrations included laparoscopic orchidopexy, pyeloplasty, and epispadias repair. I also attended the South African Transplant Congress, September 24-27, 2009, at Spier Estate, Stellenbosch.

This postgraduate Fellowship has been a very good and exciting experience for me, having achieved my set objectives. It will definitely have a very positive effect on my Urology practice and career. I would like to extend my appreciation to Professor C. F. Heyns for giving me this opportunity and supervising my training, the staff of Tygerberg Hospital for their support, and Mrs. Rachel Pullen of the International Office of Stellenbosch University, Faculty of Health Sciences, for making my stay very comfortable. I also wish to thank Professor E. D. Yeboah of the Department of Surgery and Urology, Korle Bu Teaching Hospital, Accra, Ghana for recommending

this center to me, and the other staff for holding the fort in my absence.

Finally I want to thank the SIU for supporting my stay financially through its Scholarship Training Award.

Abbreviated CV. Dr. Mathew Kwame Yamoah Kyei was born on November 21, 1970. He obtained the degrees of Bachelor of Medicine and Surgery at the University of Ghana Medical School in Accra in 1998, and Fellowship of the West-African College of Surgeons (FWACS) in March 2007. Since 2002, he has been involved in research on the prevalence of prostate cancer in Accra, Ghana., in collaboration with Professor Ann Hsing of the United States and Professor E. D. Yeboah of Accra, funded by the National Cancer Institute and National Institutes of Health of the United States. He is also involved in teaching Urology to undergraduate students of the College of Health Sciences of the University of Ghana. He has presented several papers at Urology meetings, and received an award for the best research paper by a resident in surgery at the WACS meeting in 2006.

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