

Dear Professor Yuichi Kubota and team,

I am delighted to report on my recent completion of the fellowship program at the Department of Neurosurgery, Tokyo Women's Medical University Adachi Medical Center. First, I would like to express my sincere gratitude for providing me with this opportunity to participate in this three-month program. It has been an extraordinary learning experience, and I feel honored to have participated.

On my first day of the program, I arrived at the hospital with my wife to greet the team. We were delighted to receive a warm welcome from the Professor, who assured us he would take full responsibility for my stay. It leaves my wife and me with a positive impression of him.

My primary objective for participating in this hospital was to study the epilepsy surgery. I understand that completing this extensive field knowledge is impossible for this brief period. However, this center is the place to be comprehensive and make it possible as much as I can. So, I did my best for this time.

Throughout the program, I had the privilege of observing and performing various epilepsy procedures, conducting research under the guidance of experienced professionals, reporting electroencephalography (EEG) results, and interacting with patients. During that time, I had the opportunity to attend all department conferences, meetings, and surgeries. I was fortunate to learn from several esteemed doctors, including Dr. Hagiwara for a huge tumor, Dr. Ohbuchi for STA-MCA bypass, Dr. Arai for CEA and IVR, Dr. Yokosako for MVD and ROSA planning, Dr. Shimoda and Dr. Inazuka for VA shunt, Dr. Kikuchi for NPH, Dr. Imazato for SEEG insertion, Dr. Ujiie, Dr. Machida, and Dr. Ebise for emergency procedures, and Dr. Kambe for EEG reading and SEEG insertion, etc. In addition, I luckily met a new friend from Egypt, Dr. Heba. She is very nice to me. Through these experiences, I gained a deeper understanding of the neurosurgical care process, characterized by a "round table" or "one-stop service" mentality from the Japanese team, consisting of doctors, nurses, neurophysiologists, and EEG physicians. These experiences have equipped me with valuable knowledge that will impact my care for my future patients.

My experience with epilepsy surgery during this time was extensive and comprehensive. I also had the privilege of attending three SEEG implantations and witnessed the complete process of SEEG implantation with robotic-assisted (ROSA), from patients' selection, implantation planning, implantation procedure, EEG reading and interpretation, and the procedure for removing the SEEG electrodes. Additionally, I observed and participated in many cases of standard temporal lobectomy and selective amygdalohippocampectomy, which helped me develop a broad understanding of these standard epilepsy procedures.

In my research work, I had the opportunity to learn how to write and publish medical articles under the guidance of Dr. Mikhail Chernov, who has extensive experience as an editor for numerous neurosurgical textbooks and has published over a hundred peer-reviewed articles. As a result, within a short period, I completed my work and submitted it before returning to my hometown. The article was a meta-analysis that examined the utility of using ROSA for SEEG implantation.

One of the most valuable aspects of the program was the opportunity to learn from many institutes. Professor Kubota and Dr. Chernov facilitated my visits to other institutes, such as the TMG Asaka Medical Center in Saitama, the Gamma Unit Center, and the Tsukiji Neurological Clinic in Tokyo, which helped me gain even more experience and expertise.

