

Profound Gratitude for my Neurosurgical Study Experience

Dear Professor Yuichi Kubota and Respected Team Members,

As I approach the end of an enlightening six-month chapter of my education, First of all, I would like to thank Professor Kubota for his guidance and help during these six months. I feel absolutely honored to have the opportunity to come here and study epilepsy surgery with Professor Kubota, and I am also grateful for the excellent learning conditions he provided for me.

The Department of Neurosurgery at Tokyo Women's Medical University Adachi Medical Center is a renowned facility recognized by the World Federation of Neurosurgical Societies, which speaks volumes about its excellence. The center is equipped with state-of-the-art technologies like the ROSA stereotactic robot, neuro-navigation systems, Leica's advanced 3D surgical microscopes designed for neurological interventions; it also has extensive EEG monitoring resources with up to 256 channels and video EEG equipment in a dedicated space that allows detailed examinations. These resources have greatly bolstered my training experience here. Additionally, the spirit of teamwork among colleagues provided me with a comfortable environment where I quickly found myself fully engaged in learning about surgical procedures for epilepsy.

Professor Kubota is a highly experienced and distinguished professor in the field of epilepsy surgery in Japan. He has studied epilepsy at the Cleveland Clinic and has been working in epilepsy surgery for many years. He is also very active and enthusiastic in academic exchanges, leading his team members to participate in the Japanese Epilepsy Surgery Annual Meeting and the Japanese Neurosurgical Annual Meeting, where they speak and chair sessions. It is indeed a wonderful thing to be able to learn in such an excellent team.

Epilepsy surgery is challenging, especially for doctors who have not had a foundation in epilepsy surgery before. You need to learn scalp electroencephalography (EEG), stereo-electroencephalography (SEEG), epilepsy surgical techniques, and formulate hypotheses for electrode implantation. Reading EEG information and integrating it with other test results to make the correct surgical decision is the most important step. Each of the aforementioned tasks requires effort to understand and master, making it a highly challenging job.

Dr. Chernov is highly accomplished in stereotactic radiosurgery and neuro-oncological imaging. He has taught me a lot in our daily learning and work, which has been incredibly helpful to me. He has patiently explained things to me during our routine shift changes and ward rounds. The members of the team are very talented in their respective sub-specialties, and are fantastic doctors who work with great precision and dedication. I would also like to thank Dr. Yokosako, Dr. Arai, Dr. Imazato, Dr. Kambe, and Dr. Machida for answering my questions. With everyone's help, I believe that after returning to China, I am now able to independently carry out epilepsy surgery work.

During my study period, I was very fortunate to attend the 2023 Japanese Epilepsy Neurosurgery Annual Meeting and the Japanese Neurosurgical Annual Meeting with the help of Professor Kubota and Dr. Chernov. These were precious

experiences for me, and I am very grateful to them for also helping me apply for free conference attendance.

Moreover, I participated in social gatherings organized by the neurosurgery department, which deepened our understanding and fostered friendships among us. I also attended a gathering for overseas fellows held by the Takeda Science Foundation in Osaka, where I established contacts with neurosurgeons from other countries around the world, which will be very beneficial for future academic exchanges.

Finally, I would like to express my gratitude once again to Professor Kubota and Dr. Chernov, as well as all the doctors, nurses, and staff in the hospital who have helped me. This experience will be a fantastic and unforgettable part of my life, and I hope to maintain contact in the future.



Sincerely,

ZengJie

Department of Neurosurgery, Xinjiang Production and Construction Corps Hospital
The Second Affiliated Hospital of Medical College of Shihezi University
Urumqi, China