

<脳神経外科等受入・研修担当>

1. 山本 脳神経外科 診療グループ長、准教授
2. 阿久津 脳神経外科 講師

I spent at University of Tsukuba Hospital in 2 weeks. In this short visit, there were few cases of neurosurgical operations, but I am very satisfied with what I have observed. This two weeks internship experience has been very useful in increasing my career skills and greatly broadening my knowledge in neurosurgery.

My weekly day begins at 7:30 am in the 8th floor. All the staff discuss about the cases in the schedule one by one by the moderate of the dean professor. We plan the operation and check the patients. I learned a lot of experiences to analyze the plan operation for each case. Then, I move to the operating room.

The first case I saw here is one MCA aneurysm, which I have operated it already on my duties in Cho Ray hospital. But When I came to the operating room I could not imagine that you had too many modern equipment, such as: modern operating microscopes, neuro-navigation intraoperative MRI, intraoperative doppler, ICG check, many kind of instruments... that made to safety for patients. The second case is the tuberculoma meningioma. This is the benign tumor with adhesive important structures around like as: pituitary stalk, anterior cerebral artery, hypothalamus... This operation took 12 hours, however the patient after surgery recovery very well, have no complication, no affect visual acuity,... I admire Dr. Yamamoto who made the operation until the midnight. In the first week, there are 2 case MVD (microvascular decompression). One is hemifacialspasm and the other is trigeminal neuralgia. It is a great opportunity to follow both. This type of disease is not frequent in my hospital. The treatment of this disease is not difficult but the recovery of the patients is amazing.

In the second week, there were also 3 cases of endoscopic transphenoid approaches which I like the most. I had an opportunity to experience these techniques. I have already had few experiences in such these techniques for pituitary adenoma but it was not good. I have observed the endoscopic transphenoid surgery for treating pituitary adenomas and craniopharyngioma during this course. I learnt a lot of by observing real live procedures and by discussing with experienced doctors. Japanese doctors are really experts in this field in the world. There was the wonderful collaboration between neurosurgeons and ENT doctors. I knew to how to work together (teamwork). They would be excellent experiences for me in applying this technique in my clinical practice. I want to develop this technique for my hospital in the future. I hope that we will have a good collaboration more and more.

In particular I would like to thank for the time you, all the staffs of Neurosurgery Department spent with me having one unforgettable welcome party, discussing the professional knowledges. All the staff were welcome, helpful and offered me terrific career advice. This 2 weeks internship has definitely increased my interest in pursuing neurosurgery.

And the last, I would like to extend sincerely appreciate to:

- Prof. Akira Matsumura - Director of the University of Tsukuba Hospital
- Prof. Minoru Akiyama - Chief, Office for the Promotion of International Medical Affairs (OPIMA)
- Prof. Akutsu: Neurosurgeon
- Prof. Yamamoto - Chief of Neurosurgery department.
- Ms. Megumi Fukaya, Alex - Coordinator of OPIMA

Once again, thank you for the terrific two weeks!



With staff members of Neurosurgery department



Observing the operation