Fellowship Experience at **Fujita Health University Bantane Hospital**, Nagoya, Japan:

1st December 2019 to 31st January 2020.

BINOY T DAMODAR [MBBS, MRCS (Edinburgh), M.S., M.Ch. Neurosurgery]

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I am working as Assistant Professor of Neurosurgery in Government Medical College, Thrissur, Kerala, India. I have come from a major Government medical college in India, where we have many neurovascular cases. I have selected fellowship under Professor Yoko Kato because she is one of the world renowned neurovascular surgeon. It is one of the best neurovascular training centre in the world. This fellowship under Professor Yoko Kato has taught me many advances in the vascular neurosurgery. I have learnt complex aneurysm and skull base surgeries. I have learnt advanced techniques like computational fluid dynamics, intraoperative use of endoscope in aneurysm surgery, various techniques of aneurysm clipping, carotid

endarterectomy, microvascular decompression, vascular bypass surgeries, carotid stenting, ICG, Flow 800 and endovascular techniques. Professor Kato sent me to various conferences and I presented papers in these international conferences. Professor Kato had taught me to do research in the neurosurgery. I had visited various universities in Japan for research and to learn different procedures and to meet great persons. I had opportunity to meet great neuro doctors like Tetsuo KANO, Hirotoshi Sano, Katzumi Takizawa, Takanori Fukushima, Murayama, Watanabe, Sameshima, Shigeru Miyachi, Izumi, Toyama, Toru Satoh and Suzuki. I learnt how to utilise advanced brain imaging. I got training in robotic microscope KINEVO 900 and in Endoarm of endoscopic surgery. I learnt endoscopic surgery for intraaxial brain tumours, intrasulcal approach with pyramidal tract stimulator use for glioma near motor cortex, preoperative embolization for meningioma.

I have learnt newer surgical techniques like endoscopic procedures for gliomas and hematoma evacuation. I have sent multiple research articles for publication under Professor Kato.

I learnt how to maintain doctor-patient relationship, counselling of the patients before surgery, showing the surgical videos to the patients and understanding the need of the patients. I learnt how to maintain relationship with collegues and how to maintain our clinical records. I had a great time with supportive team of doctors like Yamada, Kawase, Riki, Miyatani and Nakao.

PHOTOS

BINOY T DAMODAR

Binoy T Damodar in operation theatre with Professor Yoko Kato(January 2020)

Binoy T Damodar in Neurosurgery ICU with Professor Yoko Kato (January 2020).

Binoy T Damodar in Neurosurgery ICU with Professor Yoko Kato (January 2020).

Binoy T Damodar in Neurosurgery department with Professor Yoko Kato (January 2020).

Binoy T Damodar receiving fellowship certificate from Professor Yoko Kato (January 2020).

Binoy T Damodar receiving fellowship certificate from Professor Yoko Kato (January 2020).