

Senior Training Fellowship

1. Name: **Vivek Mathew** Emp. No. 31872
2. Department: Neurology Unit, Dept of Neurological Sciences
3. Year of STF: 2017
4. Objectives stated in the application for STF:

Training in EEG reading including long term EEG reading
Training in remote EEG monitoring and reading

5. Center visited for STF & Mentor:

Epilepsy Center, Dept of Neurology, Cleveland Clinic, Cleveland, Ohio, USA

Mentor: Course director was Dr Andreas Alexopoulos, but we had exposure to entire Epilepsy Center team, which included 8 adult epileptologists, 5 pediatric epileptologists, 2 epilepsy surgeons and other adjunct faculty including physicians, scientists and technologists from the Video EEG, continuous EEG (critical care), stereo EEG, magnetoencephalography (MEG), Nuclear Medicine and Radiology departments.

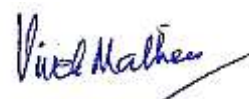
6. Short description of training:

This was a structured course which is focused on training in EEG and Epilepsy, particularly long-term video EEG recording and interpretation. About 30 international observers were present during this twelve-week period where we had morning sessions starting with patient management conferences or seminars or grand rounds, followed by classes or workshops on advanced aspects of EEG and Epilepsy. The afternoon sessions were the daily video EEG reading and reporting for admitted patients. Stereo EEG discussions and additional patient management meetings would follow this. There were two self-assessment exams, at the end of six and twelve weeks.

7. Plans to implement objectives on return to CMC:

- a) In the next few weeks, we will be starting an Epilepsy Monitoring Unit (EMU) with two beds for ictal video EEG recordings in N2 ward telemetry lab with the help of N2 ward nursing cover. This will not require any additional equipment initially. This will be possible with nursing cover and technician night shifts. (We may need to expand the EMU to 4 or 6 beds over the next few months to years.)
- b) I will be training faculty and technologists for standardizing video EEG reading and reporting

Date: 12th Jan 2018



Signature