ELECTIVE PROPOSAL

RESIDENT'S NAME: Saramma Eappen

TITLE OF ELECTIVE: Neurostimulation Elective

BLOCK: 8 (01/014/15 -02/10/15 )

LOCATION: ECU Outpatient Clinic

FACULTY SUPERVISOR: Dr. Lang/ Dr.Kitten/ Dr.Penders

GOALS AND OBJECTIVES

Knowledge:

1. Utilize Transcranial Magnetic Stimulation (TMS) as a treatment for depression, anxiety and other mental health problems.

2. Become knowledgeable about the indications for the use of TMS in psychiatric conditions in the outpatient population.

3. Learn how to operate the TMS device.

4. Work with staff to learn the financial/business part of TMS treatment, including but not limited to prior authorizations and costs associated with the treatment.

5. Research into the mechanism and delivery of other neurostimulation techniques like NIBS combined, tDCS, VNS, DBS.

6. Utilize the learned skills as well as research time and present a grand round at ECU on the topic of neurostimulation

Skills:

1. Develop skills in assessment of patients who meet criteria for TMS treatment.

2. Further develop skills by seeing continuity patients post TMS treatment and learn to deal with complications, risks associated with TMS treatment.

3. Attend seminars about TMS and other somatic treatment.
Attitude:

1. Demonstrate responsibility for patient care.
2. Apply fund of knowledge to clinical practice.
3. Present a grand round on the topic of neurostimulation.

Proposed Schedule:

Monday 8 am to 12 pm – Research/ Reading on neurostimulation topics.

Monday 12 pm to 5 pm – Financial and business part of neurostimulation including but not limited to prior authorizations and costs associated with the treatment.

Tuesday 8 am to 5 pm – Financial and business part of neurostimulation including but not limited to prior authorizations and costs associated with the treatment.

Wednesday 8 am to 12 pm – Research /Reading on neurostimulation techniques and related topics.

Wednesday 12 pm to 5 pm – Out patient TMS clinic/ Continuity out patient clinic.

Thursdays: 8 am to 5 pm didactics, group and individual supervision.

Friday 8 am to 12 pm – Out patient TMS clinic.

Friday 12 pm to 5 pm –Research /Reading on neurostimulation techniques and related topics.

Learning Activities:

TMS Clinic, Research and scholarly activities involving neurostimulation treatments

Assessment Methods:

Evaluation by Dr. Lang / Dr. Kitten /Dr.Penders

Patient log, New Innovation.
**Textbooks:**

American Psychiatric Association, 2013, Desk reference to the diagnostic criteria from DSM-5.

Handbook of Transcranial Magnetic Stimulation by Alvaro Pascual-Leone, Nick Davey (Editor), John Rothwell, Eric Wasserman.

Brain Stimulation Journal