

LEARNING OBJECTIVES: PSYCHIATRY MOOD DISORDERS AND NEUROMODULATION
(Electroconvulsive Therapy and Repetitive Transcranial Magnetic Stimulation)

Overarching Goals	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/events during rotation)</i>
SWO: 2.1 OG: 2, 3, 4	1. History skills: Gather the important information that is needed for an ECT or TMS consult and document this in the chart for at least 2 patients. <ul style="list-style-type: none"> a. The student should name all the routine psychiatric and medical history-taking questions that are involved in ECT/TMS screening and why they are being asked. 	VA Mental Health Clinic (MHC)	Attending, ECT/TMS resident	Direct observation during history taking; observation of history presentation during rounds.	Verbal feedback during and after history taking; during rounds.	2 patients
SWO: 2.2 OG: 3, 4	2. Physical examination skills: Complete a mental status exam on approximately 5 patients who are undergoing ECT or TMS. The student should demonstrate the ability to perform the mental status examination while being observed by at least one attending or resident. <ul style="list-style-type: none"> a. The student should know how to differentiate mood, anxiety, and psychotic symptoms. b. The student should be able to explain each part of the mental status examination, why it is being performed and what abnormalities are being sought. 	VA MHC	Attending, ECT/TMS resident	Direct observation.	Immediate verbal feedback.	5 patients
SWO: 1.6, 1.10, 1.11, 2.3, 2.4, 2.8, 2.10 OG: 2, 3, 8	3. Knowledge/diagnostic and treatment skills: <ul style="list-style-type: none"> a. Describe the epidemiology of and list DSM-5 criteria for the major mood disorders (Depressive Disorders, Bipolar Disorders). b. Describe the theoretical basis for the use of ECT, TMS, and other neuromodulation techniques in the treatment of mood disorders. c. List the indications, contraindications, risks, benefits and potential adverse effects of ECT and TMS. d. Discuss research avenues that are being pursued in ECT and TMS and the pathophysiologic rationale for such research. 	VA MHC	Attending, ECT/TMS resident	Direct observation of patient presentations on rounds; student to give brief presentation to team on ECT and/or TMS research during the rotation.	Immediate verbal feedback during rotation; written feedback at the end of rotation.	N/A

LEARNING OBJECTIVES: PSYCHIATRY MOOD DISORDERS AND NEUROMODULATION
(Electroconvulsive Therapy and Repetitive Transcranial Magnetic Stimulation)

Overarching Goals	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/events during rotation)</i>
SWO: 2.8 OG: 2, 4	4. Procedural skills: <ul style="list-style-type: none"> a. Discuss the process by which ECT and TMS are performed, including motor threshold determination in TMS. b. Assist in performing initial and follow-up ECT and TMS treatments. c. Perform standardized depression rating scales in the evaluation of patients undergoing TMS. 	VA MHC	Attending, ECT/TMS resident, ECT/TMS clinic staff	Direct observation.	Immediate verbal feedback during rotation; written feedback at the end of rotation.	5
SWO: 3.1, 3.2, 3.4 OG: 4, 5, 6	5. Attitude: Demonstrate professional responsibility in working as a team member with other members of the MHC, patients and families. <ul style="list-style-type: none"> a. The student should exhibit sensitivity to the psychosocial issues faced by psychiatric patients and their families. b. The student should exhibit honesty, accuracy and integrity in all interactions with patients, families, colleagues and others. 	VA MHC	Attending, ECT/TMS resident, ECT/TMS clinic staff	Observation during interactions with patients, families and staff.	Immediate verbal feedback during rotation; written feedback at the end of rotation.	Daily
SWO: 4.3, 4.4 OG: 4, 5	6. Career/context: Know the training/career pathway for procedures in psychiatry. <ul style="list-style-type: none"> a. Gain understanding of the role of psychiatrists and other clinicians who perform ECT and TMS in inpatient and outpatient settings. b. Appreciate the importance of interprofessional and team-based collaboration in psychiatric procedures. 	VA MHC	Attending, ECT/TMS resident	One on one conversation or discussions in small groups.	N/A	Weekly