

NEUROMODULATION SYLLABUS & OBJECTIVES

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- a. Historical timeline review of advances in neuromodulation
- b. Spinal Cord Stimulation: introduction for non-pain specialists, including baseline definitions, latest overview of theories about how works, device dimensions, etc.
 - i. Overview of literature/data on failed back surgery - radiculopathy / CRPS / Headache.
 - 1. Implantable technologies for chronic (intractable) primary headache.
 - ii. Advances in SCS
 - 1. MRI compatibility
 - 2. High frequency stim – potential advantages, unknowns
 - 3. New neural targets
 - iii. Who to refer, when to refer, relative contraindications, pt limitations after
- c. Brief overview of motor cortex and DBS stimulation
- d. Discussion of Intrathecal Drug Delivery Systems: indications, mechanisms, outcomes.