

# Jersey Shore University Medical Center

## CREDENTIALING CRITERIA

1. **Name of Position/procedure** : Clinical Deep Brain Stimulation Neurophysiologist
2. **Back ground Information** (if applicable)- explanation of the procedure:  
The neurophysiologist assists in the Deep Brain Stimulation procedure by providing feedback to the neurosurgeon regarding placement of the intra-cranial probe, along with the selection and post-op monitoring of this population.
3. **Involved Specialties:** Neurology, Neurosurgery, Psychiatry
4. **Minimum Threshold:**
  - a. **Education** – Masters / Doctorate degree
  - b. **Minimal current experience** –
    - i. Familiar with Medtronic, Abbott, Boston Scientific and Neuropace Deep Brain Stimulation systems
  - c. **References** – 3 letters of reference to attest to competency, 1 of which must be from a physician in the specialty of Neurosurgery
5. **FPPE / Proctoring** – direct observation of the first 5 procedures
6. **Reappointment** – must document a minimum of 12 procedures as the monitor for Deep Brain Stimulation
7. **Clinical Privileges:**
  - a. Participation in Pre-op planning
  - b. Guiding Microelectrode recordings during Deep Brain Stimulation
  - c. Participate in Long term care post-operative management
  - d. Develop and participate in research programs
8. **Collaborative Agreement:** Must have a collaborating agreement with an Active Staff Neurosurgeon with clinical privileges for Deep Brain Stimulation as well as an Active Staff Neurologist