

Development and Implementation of a Novel Interventional Psychiatry Rotation for PGY-4 Psychiatry Residents

Timothy Adegoke MBBS, MPH¹; Kristin Bubel MD¹; Anita Kablinger MD, CPI¹

¹ Carilion Clinic-Virginia Tech School of Medicine, Department of Psychiatry

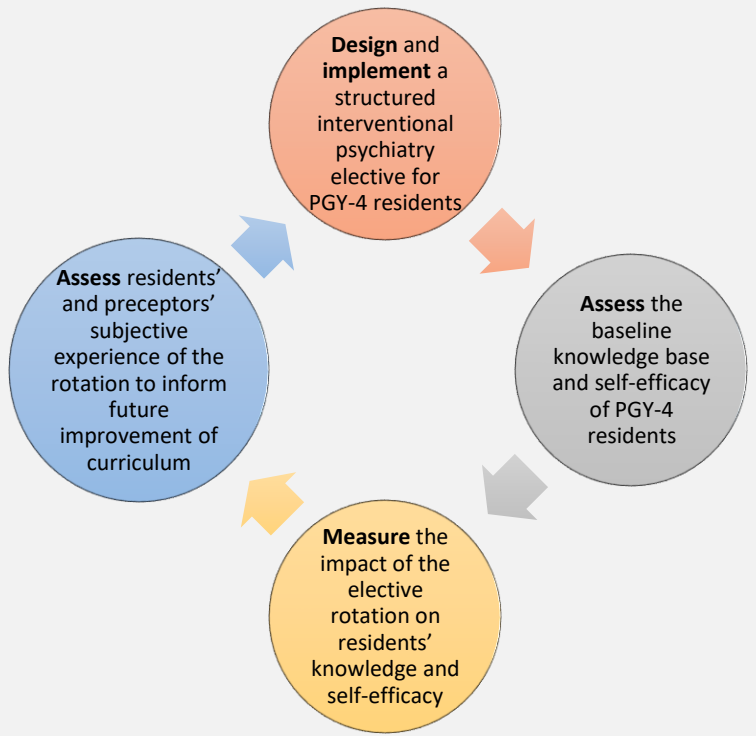


BACKGROUND

- Interventional psychiatry** is a fast-growing discipline that utilizes multiple modalities for the treatment of neuropsychiatric disorders.
- These include **Electroconvulsive Therapy (ECT)**, **repetitive Transcranial Magnetic Stimulation (rTMS)** and **Deep Brain Stimulation (DBS)**
- The Accreditation Council for Graduate Medical Education (ACGME) requires that that psychiatry trainees have “minimal knowledge and awareness” regarding the use of ECT but does not require demonstration of practical competence in this regard (2).
- Compared with purely didactic methods**, experiential learning has been shown to differentially improve the competency and self-efficacy of trainees (3).
- Residents in our program currently have no avenue to accrue this manner of training or exposure with respect to interventional psychiatry
- To fill this gap, we created a new elective rotation for PGY-4 psychiatry residents, combining didactic and practical elements of various neuromodulation therapies into a structured clinical experience.



AIMS AND OBJECTIVES



METHODS

- Literature review and consultation with institutional stakeholders
- 4-week rotation designed (didactic and practical elements)
- Residents read selected modules and articles contained in the rotation binder
- Residents rotate with ECT, rTMS, EEG and Anesthesiology providers.
- Pre-and post-rotation surveys administered
- Feedback about the rotation sought
- Residents' evaluations completed by preceptors
- Validated survey tools used, administered via Medhub.
- Qualitative and quantitative data will be analyzed and summarized

RESULTS (Expected)

- Descriptive data regarding the baseline knowledge and self-efficacy of residents regarding the theory and practice of interventional psychiatry
- Analytical data highlighting the impact of a structured and practice-focused interventional psychiatry elective on self-efficacy and assessed competency of PGY-4 residents
- Qualitative data in form of feedback and suggestions to further refine the curriculum.

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