



# *Developing a TMS Curriculum for 3rd Year Medical Students*

## Presenter

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# Problem Statement

- *Transcranial magnetic stimulation (TMS), a widely used intervention that is considered a standard of care, is not addressed in core 3rd year psychiatry curriculum.*

# Study Design

- *Following a targeted needs assessment, the steps outlined in Curriculum Development for Medical Education (Thomas, et al. 2016) were followed to construct a curriculum. This resulted in development of a combined PowerPoint, in-person demonstration, and hands on experience for 3rd year students rotating at the Atrium Health campus.*

# Evaluation Plan & Conclusion

- *Analysis will rely on a pre and post test designed to assess specific information outlined as goals and objectives during the development process.*
- *Summary: We hope to demonstrate a significant increase in both knowledge and familiarity regarding TMS in 3rd year medical students.*

# Questions for Discussion

- *Is a pre and post test the most efficient or appropriate way to measure our results?*
- *Should we consider a secondary goal of developing an educational video that can be provided to students who are not able to come to the TMS clinic in order to substitute for hands on experience?*

# References

- Hughes, M. T., & Chen, B. Y. (2016). *Curriculum Development for Medical Education: A Six-step approach*. (P. A. Thomas & D. E. Kern, Eds.) (3rd ed.). Johns Hopkins Univ Press.
- Wang J, Nelson B. Transcranial magnetic stimulation for treatment-resistant depression: An interactive self-learning module. MedEdPORTAL. 2018. doi:10.15766/mep\_2374-8265.10713
- Witkin BR, Altschuld JW. Planning and Conducting Needs Assessments: A Practical Guide. Thousand Oaks, CA: Sage Publ.; 1995