

Rady Children's Hospital-San Diego and the UC San Diego School of Medicine invite you to the

The Division of Child & Adolescent Psychiatry Virtual Grand Rounds

on Tuesday, April 27, 2021 ~ 1:00pm-2:00pm PST

Topic: **Transcranial Magnetic Stimulation for Adolescent Depression**

Jay N. Giedd, MD



Guest Speaker

Jay N. Giedd, M.D. is a Child and Adolescent psychiatrist who studies the path, mechanisms, and influences on brain development in health and illness. Professor in the Department of Psychiatry at the University of California, San Diego, and co-investigator on the ABCD study. Also, he is an adjunct professor at Johns Hopkins School of Public Health in the Department of Family and Reproductive Medicine. Over the past 25 years, Dr. Giedd has combined brain imaging, genetics, and behavioral analysis to explore the path and influences of brain development in health and illness. As one of the most highly cited neuroscientists of his generation, his over 200 scientific publications have positively impacted medicine, psychology, education, judicial, and public policy. Dr. Giedd's recent work has focused on how new insights from pediatric neuroscience can optimize the environment for healthy brain development, particularly regarding education and digital technologies that have transformed the way youth learn, play, and interact with each other. Besides his numerous academic awards, his work has been prominently featuring in the general media with cover stories in Time, National Geographic, national newspapers, and over 30 television documentaries. For his outreach to students of all ages and frequent talks to parents, teachers, mental health workers, legislators, and the general public, Dr. Giedd was honored as co-recipient of the 2012 Society for Neuroscience's Science Educator Award.

Join Zoom at Rady Children's Hospital – San Diego
Meeting ID: **936 6363 1176** Password: **340000**

Course Description

An overview of the use of Transcranial Magnetic Stimulation (TMS) for adolescent depression.

Objectives

At the conclusion of the presentation participants will be able to state:

- 1) When TMS should be considered for the treatment of adolescent depression;
- 2) What happens during a typical TMS session;
- 3) What is the FDA approved number of sessions for a course of TM treatment for depression;
- 4) What is the most common side effect of TMS; and
- 5) What is the "rule of thirds" for TMS treatment of depression.

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