

Psychiatry and Behavioral Sciences Journal Club

Course No. 26D04

Thursday, August 28, 2025

12:00pm – 1:00pm

<https://oklahoma.zoom.us/j/97240046019?pwd=bulSU9GKFLigvkbV8VcuMvIHSRRKZz.1>

Meeting ID: 972 4004 6019

Passcode: 09122175

“Double Impact: Exploring the Synergistic Use of Ketamine and rTMS in Treatment-Resistant Depression”

Presented by:

Jovesh Zachariah, MD
PGY-2 Resident

Learning Objectives: Upon completion of this session, participants will improve their competence and performance by being able to:

1. Describe the individual mechanisms of action of ketamine and repetitive transcranial magnetic stimulation (rTMS) in the treatment of depression.
2. Compare the clinical outcomes associated with rTMS, ketamine, and their combination in managing treatment-resistant depression (TRD).
3. Analyze the proposed neuroplastic mechanisms that underlie the potential synergy between ketamine and rTMS.
4. Assess the current limitations in the literature and the future directions for research on combined rTMS and ketamine therapy.

Accreditation Statement: The University of Oklahoma College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Oklahoma College of Medicine designates this live activity for a maximum of 1.00 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Mitigation Statement: The University of Oklahoma College of Medicine, Office of Continuing Professional Development has reviewed this activity’s speaker and planner disclosures and has mitigated all relevant financial relationships with ineligible companies, if applicable.

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Accommodation Statement: For accommodations, please contact Julie-Frost@ouhsc.edu or (405) 271-4468.

Disclaimer Statement: Statements, opinions and results of studies contained in the program are those of the presenters and authors and do not reflect the policy or position of the Board of Regents of the University of Oklahoma (“OU”) nor does OU provide any warranty as to their accuracy or reliability.

Disclosure & Mitigation Report

Role(s)	First Name	Last Name	Ineligible Company	Nature of the Financial Relationship
Co-Course Director, Planner, Faculty, Moderator	Irina V	Baranskaya, MD		I have no financial relationships or affiliations with ineligible companies to disclose.
Co-Course Director, Planner, Faculty, Moderator	Christopher S.	Czapla, MD		I have no financial relationships or affiliations with ineligible companies to disclose.
Course Contact, Planning Committee	Julie E.	Frost, BA		I have no financial relationships or affiliations with ineligible companies to disclose.
Course Contact, Planning Committee	Kelsey	Henson		I have no financial relationships or affiliations with ineligible companies to disclose.
Planner	Adam J.	Konen, MD		I have no financial relationships or affiliations with ineligible companies to disclose.
Course Contact (Back-up support), Planning Committee	Lori D.	Nicholson		I have no financial relationships or affiliations with ineligible companies to disclose.
Department Chair, Planner, Faculty	Britta K.	Ostermeyer, MD, MBA		I have no financial relationships or affiliations with ineligible companies to disclose.
Course Contact, Planning Committee	May	Thein, MHR		I have no financial relationships or affiliations with ineligible companies to disclose.
Speaker	Jovesh.	Zachariah, MD		I have no financial relationships or affiliations with ineligible companies to disclose.