



BCL 2023

Edition IV



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Neurocognitive assessment in human subjects: processes and implications

Abstract: Neurocognitive assessment is an integral part of the comprehensive, multimodal assessments that are central to the longitudinal cohort studies on brain aging (<https://www.cbr.iisc.ac.in/research/flagship-projects/>) spearheaded by the Centre for Brain Research (CBR). This session by the clinical research team of CBR will touch upon the need, rationale, and design of neuropsychological assessments. It will provide an overview of the fundamental principles of different neurological tests and domain-wise tests spanning (a) attention, visuospatial abilities, and executive function (b) learning memory, language, and social cognition (c) scoring and interpretation. It will include a demonstration of Hindi Mental State Examination (HMSE), a tool used to assess cognitive impairment.

Brief Bio: Dr. Jonas is a National Board-certified Psychiatrist, who completed his MBBS and Post-graduate Diploma in Psychiatry (DPM) from Christian Medical College, Vellore, India. He further went on to obtain his MRCPsych from the Royal College of Psychiatrists, UK, and his DNB(Psych) from the National Board of Examinations, New Delhi, India. Being an experienced clinician with a keen interest in research, he transitioned to a full-time research career when he joined CBR in 2019.