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Name of Journal: *World Journal of Psychiatry*

Manuscript NO: 64525

Manuscript Type: OPINION REVIEW

Implications from translational cross-validation of clinical assessment tools for diagnosis and treatment in psychiatry

Aryutova K *et al.* Translational cross-valiadction

Abstract

Traditional therapeutic methods in psychiatry, such as psychopharmacology and psychotherapy help many people suffering from mental disorders, but in the long run prove to be effective in a relatively small proportion of those affected. Therapeutically resistant forms of mental disorders such as schizophrenia, major depressive disorder, and bipolar disorder lead to persistent distress and dysfunction in personal, social, and professional aspects. As an effort to address these problems, the translational approach in neuroscience has initiated the inclusion of novel or modified unconventional



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Our results confirm the possibility of **translational cross-validation** of a **clinical** psychological test (von Zerssen's depression scale) and fMRI. At this stage, however, we can only confirm the sensitivity of the method (its ability to distinguish healthy controls from depressed patients), but we cannot conclude anything about its specificity (distinction from different psychopathology conditions).

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Author: Drozdstoy Stoyanov, Sevdalina Kandilarova...

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Objectives: Cognition is a new **treatment** target to aid functional recovery and enhance quality of life for patients with bipolar disorder. The International Society **for** Bipolar Disorders (ISBD) Targeting Cognition Task Force aimed to develop consensus-based **clinical** recommendations on whether, when and how to assess and address cognitive impairment.

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Our results confirm the possibility of **translational cross-validation** of a **clinical** psychological test (von Zerssen's depression scale) and fMRI. At this stage, however, we can only confirm the sensitivity of the...

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Translation is the dominion where it is possible to shift data across different subjects to enrich and perfect **diagnosis** and subsequent **treatment**, keeping in mind applicability in daily clinical decisions. In...

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