

THE SMART THERAPY HYPOTHESIS: A THEORETICAL FOUNDATION FOR A FOURTH WAVE OF ASSESSMENT-DRIVEN, INTEGRATIVE PSYCHOTHERAPY

Alişan Burak Yaşar

Department of Psychiatry, Faculty of Medicine, Nisantasi University, Istanbul, Türkiye

BACKGROUND AND AIM: Despite the evolution from second-wave METHODS: to third-wave approaches like Acceptance and Commitment Therapy, psychotherapy continues to face challenges such as high dropout rates and treatment resistance. A primary obstacle is the “research-practice gap”: while research supports standardized, singular protocols, clinicians often prefer unstandardized, eclectic methods. This study aims to propose the “Smart Therapy Hypothesis” as a theoretical foundation for the “Fourth Wave” of psychotherapy, bridging this gap through an assessment-driven, integrative model.

METHODS: (Ethics Committee Approval must be obtained and the number should be specified). The Smart Therapy hypothesis is conceptualized as an Integrated Multimodal Biopsychosocial Intervention. The methodology shifts the focus from standardizing the treatment protocol to standardizing the assessment process. Interventions are “dosed” based on a component analysis of their “active ingredients,” recognizing therapy as a neurobiological process. The assessment logic is driven by three primary clinical drivers:

(1) biological prerequisites, (2) “hardware/pattern” issues (trauma/personal history), and (3) “software/habit” issues (e.g., Cognitive Attentional Syndrome).

RESULTS: The resulting Smart Therapy model offers a five-level framework. Level 1 introduces the “Compass” for goal-setting and value alignment. Level 2 addresses “Biological Prerequisites” such as neuroinflammation or HPA axis dysfunction. Level 3 delivers the core psychological “dose,” targeting either “software” (e.g., MCT, ACT) or “hardware” (e.g., EMDR, Psychodynamic) based on the assessment. Levels 4 and 5 incorporate doses of behavioral activation and systemic interventions. This structure provides a neurobiologically informed, personalized treatment pathway.

CONCLUSIONS: This hypothesis proposes that standardizing assessment rather than protocols can effectively bridge the research-practice gap. The primary research goal is to test whether this “Hardware/Software” assessment-to-treatment model yields superior outcomes compared to monolithic protocols. Future research should move away from comparing broad protocols and focus on conducting component-based dismantling studies to refine the selection of therapeutic doses for individual patient profiles.

Keywords: Psychotherapy, integrative psychotherapy, etiology, assessment-driven, rumination, fourth wave psychotherapy