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**Adverse impact of marijuana use on clinical outcomes among psychiatry patients with depression and alcohol use disorder**

Amber L. Bahorik<sup>a,b,\*</sup>, Cynthia I. Campbell<sup>a,b</sup>, Stacy A. Sterling<sup>a</sup>, Amy Leibowitz<sup>a</sup>, Adam Travis<sup>c</sup>, Constance M. Weisner<sup>a,b</sup>, Derek D. Satre<sup>a,b</sup>

<sup>a</sup>Department of Psychiatry, Weill Institute for Neurosciences, University of California, San Francisco, 401 Parnassus Avenue, Box 0984, San Francisco, CA 94143, USA

<sup>b</sup>Division of Research, Kaiser Permanente Northern California Region, 2000 Broadway, 3<sup>rd</sup> Floor, Oakland, CA 94612, USA

<sup>c</sup>Kaiser Permanente Southern Alameda Department of Psychiatry, USA

**\*Send correspondence to:** Amber L. Bahorik, PhD, Department of Psychiatry, UCSF Weill Institute for Neurosciences, University of California, 401 Parnassus Avenue, San Francisco, CA, 94143; Fax: 501.891.3606, Phone: 510.891.5980. Email: amber.bahorik@ucsf.edu

**Abstract**

This study examined whether marijuana use was associated with clinically problematic outcomes for patients with depression and alcohol use disorder (AUD). The sample consisted of 307 psychiatry outpatients with mild to severe depression and past 30-day hazardous drinking/drug use, who participated in a trial of substance use treatment. Participants were assessed for AUD based on DSM-IV criteria. Measures of marijuana use, depression symptoms, and functional status related to mental health were collected at baseline, 3, and 6 months. Differences in these outcomes were analyzed among patients with and without AUD using growth models, adjusting for treatment effects. Marijuana was examined as both an outcome (patterns of use) and a predictor (impact on depression and functioning). Forty percent used marijuana and about half the sample met AUD criteria. Fewer patients with AUD used marijuana than those without AUD at baseline. Over 6 months, the proportion of patients with AUD using

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