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**Motivation deficits and use of alcohol and illicit drugs
among individuals with schizophrenia**

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Abstract

This study examined the impact of substance use on intrinsic motivation and evaluated the association between intrinsic motivation and substance use recovery among individuals with schizophrenia. Alcohol and illicit drug use and intrinsic motivation were evaluated at baseline and 6-months for 1434 individuals with schizophrenia from the Clinical Antipsychotic Trials of Intervention Effectiveness (CATIE) using self-rated substance use assessments and a derived motivation measure from the Heinrichs-Carpenter Quality of Life Scale. Results revealed patients had moderate motivation deficits overall and a considerable number were using alcohol or illicit drugs at baseline ($n = 576$; 40.2%). Regression models at baseline showed patients with low levels of motivation had higher odds of substance use and those who were using substances had greater motivation deficits. At 6-months, substance using patients continued to demonstrate greater

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