
Manic Episode During Use of Long Acting Methylphenidate for Augmentation Treatment During the Course of Treatment of Venlafaxine Usage Patient with Depression: A Case Report

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Abstract

Methylphenidate is used in treating patients with depression, narcolepsy, traumatic brain injury, cancer pains and HIV related cognitive impairment as well as treatment of Attention Deficit Hyperactivity Disorder(ADHD) in adults and children. It is known that usage of psychostimulants in high dosages may exacerbate manic and psychotic symptoms. This is a case presenting with manic symptoms after long acting methylphenidate is added to venlafaxine treatment for depression. 25 year old male, brought with complaints of increased religious activity, saying God is making him do things, increase of appetite, being talkative, greeting cemeteries and decreased sleep. In psychiatric assessment, his psychomotor activity was high, speech was pressured, had auditory hallucinations; delusions of reference, grandeur and control, had no insight. He had been on venlafaxine for depression for the last three months, 225mg/day for the last two. Methylphenidate 36mg/day was added to treatment 2 months before. His presenting symptoms started after it was increased to 54mg/day. Our diagnosis was manic episode (with psychotic features). One of the potential adverse effects of methylphenidate is exacerbation of manic symptoms. It is shown that in comorbidities of ADHD and Bipolar Disorder, the prevalence of having a manic episode can be 40%. However, our case did not have a comorbid

ADHD. We associated manic symptoms with use of methylphenidate since the symptoms have started at the fourth month of venlafaxine treatment and after the increase of dosages of methylphenidate.

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