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## Letter to the Editor

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### BUPROPION INDUCED PREMATURE EJACULATION

#### Dear Editor,

Bupropion is a new generation antidepressant, which mainly inhibits both dopamine and less than (approximately one fourth of the dopamine) noradrenaline reuptake in neurons (Stahl et al., 2004). Unlike SSRI (Selective Serotonin Reuptake Inhibitor) antidepressants, bupropion is less likely to cause sexual side effects (Gardner & Johnston, 1985; Moreira, 2011; Dhillon et al., 2008). There are also studies showing that bupropion eliminates any risk of sexual dysfunction, which might occur after the use of SSRI such as delayed ejaculation and anorgasmia (Ashton & Rosen, 1998; Clayton, 2004). Bupropion is also considered to decrease the time of ejaculation and provide a healthy sex life (Abdel-Hamid & Saleh, 2011).

This article aims to show the side effects of bupropion by giving an example of a 46 year old, married, male patient, who suffered premature ejaculation after the use of 150 mg bupropion per day and it is intended to draw the attention of clinicians to these side effects. This patient was prescribed bupropion after being diagnosed with depression. However, he could not follow up with his appointments for seven

months, as he was living away from city center. Later, he claimed that he had been taking his medication during this time. He complained of ejaculation of ejaculation immediately after vaginal penetration: his ejaculation time had decreased from 5 minutes to 1 min. Before his treatment, he did not indicate sexual problems except mild sexual aversion, which disappeared with bupropion treatment. After he recovered from depression, his bupropion treatment was terminated. After two weeks, he claimed that he no longer suffered from premature ejaculation.

Kravos also stated that of his patients, 2 with depression who use bupropion (300 mg/day) suffered premature ejaculation. Similar to our findings, their ejaculation time decreased to 1 minute during bupropion treatment, which recovered after stopped taking the medicament (Kravos 2010).

Patients usually avoid expressing their sexual complaints and side effects of drugs. If the clinician states that bupropion does not have sexual side effects, they are not likely to question the physician and may overlook this side effect. Thus, it is important to inform patients that ejaculation time might decrease during bupropion treatment.

Yours sincerely,

*Assist. Prof. Alper Evrensel*  
*Psychiatric Specialist, Üsküdar University.*  
*e-mail: alperevrensel@gmail.com*

*Prof. Mehmet Emin Ceylan*  
*Psychiatric Specialist, Pharmacology Specialist, Üsküdar University.*

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