

عنوان مقاله:

Serotonin Syndrome in an Adolescent as a Result of Suicide with Fluoxetine

محل انتشار:

مجله سم شناسی پزشکی آسیا اقیانوسیه, دوره 11, شماره 1 (سال: 1401)

تعداد صفحات اصل مقاله: 3

نویسندگان:

Raif Yıldız - *Istanbul University, Istanbul Faculty of Medicine, Department of Pediatrics, Division of Pediatric Emergency*

Suheyla Gummus - *Department of Pediatrics, Division of Pediatric Emergency, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey*

Seyma Nur Ozkul - *Department of Pediatrics, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey*

Metin Uysalol - *Department of Pediatrics, Division of Pediatric Emergency, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey*

خلاصه مقاله:

Introduction: The overdose of selective serotonin reuptake inhibitor rarely causes death or serious sequelae. While it may be mild/symptomatic or asymptomatic at doses up to ۳۰ times the daily therapeutic dose, higher doses may cause drowsiness, tremor, gastrointestinal distress, and serotonin syndrome. Serotonin syndrome is a life-threatening condition associated with increased serotonergic activity in the central nervous system. We presented a case who used fluoxetine with the diagnosis of unipolar depression and developed serotonin syndrome as a result of overdose for suicide. **Case Report:** A ۱۴-year-old female patient, who was followed up by psychiatry for unipolar depression, ingested ۳۰ tablet fluoxetine for a suicide attempt. Afterwards, serotonin syndrome was observed. As a result of cyproheptadine treatment for signs that developed during the patient's follow-up in the pediatric emergency department, the symptoms started to regress at the ۲۴th hour. **Discussion:** In the literature, no similar case study has pointed to a developed serotonin syndrome after suicide with fluoxetine in children. The present study discusses a case in which a side effect resulting in serotonin syndrome occurred after a suicide attempt with fluoxetine. **Conclusion:** Although it is stated that fluoxetine overdose is benign, pediatric emergency physicians should be aware that serotonin syndrome may develop in suicidal, high-dose fluoxetine intakes.

کلمات کلیدی:

Fluoxetine, intoxication, Pediatric emergency, Serotonin Syndrome

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1423358>



