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## CASE REPORT

### Tramadol-Induced Acute Seizures: A Report of Three Cases

#### *Crises Aiguës Induites par le Tramadol : Rapport de Trois Cas*

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#### ABSTRACT

There is a rise in substance abuse in Nigeria and prescription drugs, particularly opioid analgesics, which are increasingly becoming a target of abuse. Abuse of the opioid tramadol has the potential to precipitate seizures.

We present 3 cases of tramadol-induced seizures presenting at Obafemi Awolowo University Teaching Hospitals Complex, Ile-Ife. The three patients were men, aged 22–40 years and abused other drugs including alcohol, cannabis and Rohypnol. This report illustrates the fact that tramadol abuse may be associated with acute seizures and it is reasonable to consider drug/opioid-induced seizure in every case of unexplained first episode of seizure in a young adult. **WAJM 2022; 39(1): 90–94.**

**Keywords:** Tramadol, Drug abuse, Seizure, Opioid.

#### RÉSUMÉ

L'abus de substances psychoactives est en hausse au Nigeria et les médicaments sur ordonnance, en particulier les analgésiques opioïdes, qui deviennent de plus en plus une cible d'abus. L'abus de l'opioïde tramadol a le potentiel de précipiter des crises d'épilepsie.

Nous présentons 3 cas de crises d'épilepsie induites par le tramadol se présentant à Complexe hospitalier universitaire Obafemi Awolowo, Ile-Ife. Les trois patients étaient des hommes, âgés de 22 à 40 ans et abusaient d'autres drogues dont l'alcool, le cannabis et le Rohypnol. Ce rapport illustre le fait que l'abus de tramadol peut être associé à des crises aiguës.

associé à des crises d'épilepsie aiguës et il est raisonnable d'envisager une crise induite par le médicament ou par une période dans tous les cas de premier épisode de crise inexpliqué chez un jeune adulte. **WAJM 2022; 39(1): 90–94.**

**Mots clés:** Tramadol, Toxicomanie, Crise d'épilepsie, Opioïde.

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