

CASE REPORT

Seizure Following Lidocaine Administration during Rapid Sequence Intubation; a Case Report

Majid Hajimaghsoudi¹, Faeze Zeinali^{1*}, Mehrdad Mansory², Javad Seyedhosseini³

1. Trauma Research Center, Yazd Shahid Sadoughi University of Medical Sciences, Yazd, Iran.

2. Student Research Committee, Yazd Shahid Sadoughi University of Medical Sciences, Yazd, Iran.

3. Department of Emergency Medicine, Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran.

***Corresponding author:** Faeze Zeinali; Trauma Research Center, Yazd Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
Tel: +989132749231; Email: faezeinali@gmail.com

Abstract

Lidocaine is commonly used for suppressing hemodynamic instabilities resulting from endotracheal intubation due to its good effect and rapid onset of action. Seizure is one of the side effects of this drug, which has been reported following its topical and intravenous administration in some cases. In this article, we present a patient referred to the emergency department with complaint of severe and progressive shortness of breath who had a generalized tonic-clonic seizure following lidocaine administration during rapid sequence intubation.

Key words: Seizure; Lidocaine; Intubation, Intratracheal; Case Reports
