

## عنوان مقاله:

Malignant Hyperthermia, Cardiac Dysrhythmia and Hypertension Crisis in Sublingual Misoprostol: Educational Policy for Adverse Drug Reaction Organization

## محل انتشار:

فصلنامه زنان و مامایی و سرطانهای زنان، دوره 8، شماره 1 (سال: 1401)

تعداد صفحات اصل مقاله: 9

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## خلاصه مقاله:

Pyrexia and shivering are the most popular side effects of postpartum administration of misoprostol, but other side effects of this drug are very rare. A ۲۷-year-old pregnant female patient was admitted to Ayatollah Mousavi hospital (Zanjan, Iran), complaining about severe headache and the primary diagnosis of cerebral venous thrombosis. Treatment was successful after primary investigations and planned therapy for Cerebral Venous Thrombosis (CVT). Following the decision on terminating the pregnancy, five tablets of Sublingual misoprostol (۲۰۰ mg) was used once evacuation of pregnancy remnants was done. About thirty minutes after the administration of misoprostol, onset of severe shivering and tachycardia (۲۰۱/min) with high fever (about ۴۱°C) and hypertension (۱۸۲/۱۲۳ mmHg) was observed. National Adverse Drug Reaction (ADR) form was completed. All of symptoms were alleviated ۳۰ minutes after administration of Paracetamol ۱gram (Intravenous infusion) followed by Metoprolol ۵۰ mg (orally). According to the literature, we listed the various side effects of misoprostol. Even though the side effects of misoprostol are diverse and rare, the simultaneous occurrence of these side effects is not cited till date. These incidents are reported to the authorities as per ADR policy; nonetheless, no preventive measures are implemented. This necessitates medical educational policies to be taken into consideration to educate healthcare providers throughout their professional career as well as research.

## کلمات کلیدی:

Sublingual, Misoprostol, Postpartum, Cerebral Venous Thrombosis, education, Policy

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