

Tetryzoline

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Drug poisoning leading to lethargy, bradycardia, and pinpoint pupils: case report

A 3-year-old boy developed lethargy, bradycardia, and pinpoint pupils associated with an intentional poisoning of tetryzoline [Visine] eye drops administered by his mother with a history munchausen syndrome by proxy [*administration amount and outcome not stated*].

The boy was presented to the hospital with lethargy. On admission, his heart rate was 46 bpm, respiratory rate was 26 bpm, and blood pressure of 92/41 mmHg with decreased level of consciousness. After 3 days, he was discharged with improvement.

The boy was again presented with lethargy, pinpoint pupils, and bradycardia 12 days after discharge. It was noted that his mother could be altering his drink with tetryzoline eye drops. Comprehensive LC/MS/MS of his serum showed tetryzoline level of 20 ng/ml.

Author comment: "*It was determined that this boy's illness represents a case of medical child abuse using Visine eye drops.*" "*We report a case of intentional [tetrahydrozoline] poisoning*".

Lasala GS, et al. Munchausen syndrome by proxy due to tetrahydrozoline poisoning. *Clinical Toxicology* 52: 746 abstr. 141, No. 7, Aug 2014. Available from: URL: <http://doi.org/10.3109/15563650.2014.940163> [abstract] - USA

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