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Title: Seven fatalities associated with ethylphenidate

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Highlights:

- Seven drug-related deaths involving ethylphenidate are reported.
- Ethylphenidate was determined in post-mortem blood by a validated LC-MS/MS method.
- The blood-concentration of ethylphenidate in a mono-drug death was 2.18 mg/L.
- Certain drugs may interfere with ethylphenidate metabolism.
- Ethylphenidate is likely to be unstable in blood.

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