

Excretion of Methamphetamine in Cases of Methamphetamine-Related Death

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Abstract

Background: Methamphetamine (MA) is one of the most abused drugs, and MA abuse is a public concern in the world.

Aims: The present study compared MA excretion in urine, bile and stomach contents.

Methods: We present three cases of MA-related death.

Results: Toxicological examination revealed relatively high concentrations of MA in bile and urine. MA was also detected from stomach contents despite parenteral administration in each case.

Conclusion: Alongside urine, we should consider other postmortem samples such as bile or stomach contents as excretion routes.

Keywords: methamphetamine; abuse; alternative specimen; bile; stomach contents; urine