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INTRODUCTION: This poster presents a fatality due to self-administration of nefopam (Acupan) in a fifty year-old healthy female. Nefopam is a non-opiate analgesic and antidepressant.

METHOD: Post-mortem femoral blood and liver were extracted by a liquid/liquid extraction method using butyl chloride as the extraction solvent. Diphenhydramine was used as the internal standard. The extracts were evaporated to dryness and reconstituted in ethanol. The extracted fraction was analysed by GCMS in SIM mode. The post-mortem blood samples were also submitted to our normal screening procedures. No other drugs including alcohol were found.

RESULTS: Nefopam was measured in the post-mortem femoral blood at 6.2 mg/L and in the post-mortem liver at 57 mg/kg.

These levels are much lower than previously reported in the literature. There are very few cases reported in the scientific literature of death caused solely by a nefopam overdose.

KEYWORDS: *Nefopam fatality, Femoral blood, Liver*

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