Reviewer's report

Title: A case study of Metformin overdose leading to lactic acidosis: lactate levels not necessarily a predictor of mortality literature review

Version: 2 Date: 9 March 2012

Reviewer: Nikolaos Papanas

Which of the following best describes what type of case report this is?: Unreported or unusual side effects or adverse interactions involving medications

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This is an interesting and coherent case report. I would agree that lactic concentration does not necessarily portend a grave prognosis in metformin intoxication, given that this holds true for regular metformin users even in the setting of renal failure (Acta Clin Belg 2009;64(1):42-8).

Minor comments:
1. Please consider shortening the abstract.
2. Did the patient have diabetes or not? If not, how did he acquire metformin? Was there a formal psychiatric evaluation available?
3. Some minor linguistic improvements (e.g. verb tenses in the abstract) would
be desirable.

**Quality of written English:** Acceptable

**Declaration of competing interests:**
I declare that I have no competing interests