Reviewer's report

Title: Near fatal Intoxication by Nicotine and Propylene Glycol Injection: A Case Report of an E-Liquid Poisoning

Version: 0 Date: 19 Nov 2018

Reviewer: Kathleen Job

Reviewer's report:

This manuscript reports an incidence of intoxication by intravenously administered e-liquid. The goal of this paper was to describe presentation, describe treatment and final outcomes of a single case of an intoxication and review what is known about the pharmacology of nicotine and propylene glycol, with ultimate hopes of informing clinicians and future research. This is an interesting article as our understanding of this type of intoxication in both adult and pediatric populations is limited. This manuscript should be reviewed by a technical writer.

Abstract:

Title page versus page 3: abstracts are not the same from the title page to page 3.

Introduction:

Page 4 Line 72: Please consider rephrasing this sentence.

Page 4 Line 74: Consider including data from Europe (perhaps PMID 28824358).

Page 4 Line 79: Are the authors limiting studies to those with blood concentrations of nicotine or cotinine? (e.g. PMID 28987304 and PMID 28194215)

Page 4 Line 85: As a significant portion of patients with reported toxicity are children, I would like the authors to comment on pediatric literature that is available and/or the potential implications for pediatric patients. (See: Letter Ingestion: Ang E, Tuthill D, Thompson J. Arch Dis Child 2018;103:1091.)

Case Report:

Page 6 Line 141: What prompted the nicotine/cotinine measurements?

Ethics approval and Consent to participate:
Page 11 Line 256: As patient data is being shared, please provide documentation from your regulatory board that the study is exempt.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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