

## **Comment on Assessment of Aspiration-Induced lung Injuries among Acute Drug Poisoning Patients; Loghman Hakim Hospital, Poisoning center**

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### **Dear Editor/s:**

I found one article on the website of IJMTFM, which had studied the consequences of aspiration of gastric contents in acute poisoning patients (1). It was informative. Unfortunately, there are some errors in that article, which I would like to bring to your kind attention.

The errors are with regard to citing of references in the discussion section of that article (1). In the first paragraph of the discussion section, the reference cited for the sentence, “Adnet and Baud demonstrated that the risk of aspiration increases with the degree of impairment in consciousness by the Glasgow Coma Scale measurement (8).” does not match.

The authors of reference # 8 cited in that article (1) are actually Janda M and Scheeren TW (2), not Adnet and Baud. They had studied about peri-operative aspiration only in their study (2), not about acute drug poisoning and emergency admission as mentioned in the next sentence, “Acute drug poisoning is one of the emerging issues, which accounts for about 0.7-15% of emergency admission in different parts around the world (8-10).”

This sentence does not match with the other reference [Reference # 9 in that article (1)] too (3). However, it is mentioned in the review article, by Marik PE (4), [I have quoted it here as reference # 4, which was #10 in that article (1)] that “Adnet and Baud demonstrated that the risk of aspiration

increases with the degree of impairment in consciousness by the Glasgow Coma Scale measurement”. Still, that cannot be cited as references. The relevant reference (5) for that sentence can only be cited.

The last sentence of the discussion section, “Our findings show radiographic features of pulmonary aspiration syndrome (pulmonary infiltration) were mostly seen (72%, n=182) in patients with a history of vomiting in the state of decreased levels of consciousness (Drowsy 32%, stupor 15%, coma 6%), (p=0.001), which is like other researchers (23).,” also not matching with the reference cited [Ref.# 6 here]. Jochberger S *et al* (6) had only studied the role endogenous arginine vasopressin (AVP) response in patients following non-cardiac surgeries. There is no mentioning about radiographic features in that reference (6). How can this sentence be correlated with the reference cited?

I hope that you will take some measures to avoid these types of errors in the future.

### **References:**

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6. Jochberger S, Zitt M, Luckner G, et al. Postoperative vasopressin and copeptin levels in noncardiac surgery patients: a prospective controlled trial. *Shock.* 2009;31(2):132-8.

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