Reviewer’s report

Title: Differences in pain treatment between surgeons and anesthesiologists in a physician staffed prehospital emergency medical service: a retrospective cohort analysis

Version: 0 Date: 16 Nov 2018

Reviewer: Ayse Baysal

Reviewer's report:

I read the article on analgesic usage by anesthesiologists and surgeons in emergency care. The article investigates the choices of analgesic use by physicians and points out on important issues and I think it is a very important topic that needs to be discussed by physicians to be able to develop a common and well established strategy in dealing with pain in patients undergoing emergency medical care.

The hypothesis and the clear explanation of the methods and the subsequent results are good and therefore the study is interesting and provides data on the preferences of the physicians depending on their gender, and compares them to surgeons preferences.

On the other hand, there are limitations of the study, 1- retrospective data, 2- there is no questionnaire that was erformed by the physician, 3- the level of pain, 4- was the pain controlled by the medication the data is not complete there is a numerical pain scale information but it is not very clear what was the result of the pain relief 5- the side effects were not clear,

However; these are mentioned in the limitations paragraph. I think the limitations paragraph can be more precise and the limitations can be explained one by one.

Overall, these issues are discussed in the discussion section in several paragraphs appropriately, and another section can be placed regarding side effects of opioids and the reasons that may cause oligoanalgesia, such as fear of respiratory depression needs to be discussed in a small paragraph, as well as other specific side effects of opioids.

therefore, my opinion is the text provides valuable information in a busy hospital in Munch, Germany, and is well written to be published. thank you.

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.

No

**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.

I recommend additional statistical review

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

Acceptable

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