Reviewer’s report

Title: Intracranial actinomycosis of odontogenic origin masquerading as auto-immune orbital myositis: a fatal case and review of the literature

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Reviewer: Athanassios Kyrgidis

Reviewer's report:

This manuscript presents an interesting case were things went really bad. Actinomyces is likely but not definitely the cause. The time sequence is not very clear. The authors might add a schema presenting the timeline of the events as this case is indeed of educative merit. I also feel like congratulating the authors for publishing this case rather than simply using it for internal audit.

The discussion is overly lengthy. My suggestion is to truncate. Further, there are three important issues to be discussed:

1. Steroid administration: How often, how much time? Mention that in the timeline proposed please.

2. The PDS sheet used. PDS is resorbable but in an infectious enviroment, it could well serve as a foreign body that aggravated the infectious inflammation.

3. The radiological findings which have not been noted on time; rather they were only noticed after the coroner report.

Overall I believe this case merits attention, to inform readership so as to reduce any future similar incidents. But the timeline needs to be very clear, especially with regard to steroid use and antimicrovial agents prescribed. What is more the three issues above need very emphatically be discussed as they convey educational value. Then the discussion of similar published cases adds nothing, so it should be better be truncated.

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.
No

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