Reviewer's report

Title: Sivelestat sodium for polytetrafluoroethylene fume-induced pulmonary edema: a case report and comprehensive literature review

Version: 2
Date: 17 February 2015

Reviewer: Dominick Shaw

Which of the following best describes what type of case report this is?: Other

If other, please specify:
unusual case

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?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: No

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?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

Nice report

the value of administration of the neutrophil elastase inhibitor is overstated.

the literature review reveals most patients survive (at least those published) with supportive treatment only.

there needs to be a lot more evidence that the neutrophil inhibitor had an effect; if there is none the statements around the drug need to be toned down.
**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Needs some language corrections before being published

**Declaration of competing interests:**

none