Author's response to reviews

Title: Delayed presentation of cerebellar and spinal cord infarction as a complication of computed tomography-guided transthoracic lung biopsy: a case report

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Author's response to reviews: see over
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Author’s response to reviews: see over
Reviewer’s report

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Version: 1 Date: 10 June 2014-06-23

Reviewer: Loukas Thanos

Which of the following following best describes what type of case report this is?:An unexpected event in the course of observing or treating a patient

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?:Yes

Does the case report have explanatory value?:No

Does the case report have diagnostic value?:No

Will the case report make a difference to clinical practice?:No

Is the anonymity of the patient protected?:Yes

Comments to authors:

real good effort, although i think that this could be the result of the main pathology of the patient. I suppose there is a law connectivity of the interventional procedure and the infarction.

To our knowledge, there are rare pathologic condition that occurred coexisting spinal cord and cerebral or cerebellar infarction. In our patient, there are no diabetes mellitus, systemic vasculitis or coagulopathy on the laboratory finding. Because there was intraluminal free air in asending aorta on post-procedural CT, we thought that the cause of spinal cord and cerebellar infarction was air embolism associated with the procedure. And also, the patient complained of a mild electrical current sensation in both lower extremities. We think that the electrical current sensation is early
symptom of systemic air embolism associated trans-thoracic lung biopsy. In that case, we think early recognition of systemic air embolism is most important for the patient’s prognosis.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable