Reviewer's report

Title: Additional Diagnostic value of Tumor markers in Cytological fluid for Diagnosis of non-small-cell lung cancer

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Reviewer: Jaume Trapé

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Hur and co workers have studied additional diagnostic value of tumor markers in cytological fluid in patient with NSCLC.

I think that is and interesting paper, but there is some remark to comment:
- Text and table 2 don't have the same p values.
- A suggestion, Creatinine values are not described, in patients with renal dysfunction may increase tumor markers in serum and to lead false positive. If patients are classified according creatinine value normal or abnormal, you could increase especificity of tumor markers in serum (see. Molina R,et al. Utility of serum tumor markers as an aid in the differential diagnosis of patients with clinical suspicion of cancer and in patients with cancer of unknown primary site. Tumour Biol. 2012;33:463-74.)

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'