Reviewer's report

Title: Advances in bladder cancer imaging

Version: 1 Date: 27 January 2013

Reviewer: paolo puppo

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The paper is a thoroughly review of imaging modalities for diagnosis and staging of bladder cancer. The description of the available techniques, of their accuracy and limitations is really comprehensive. Anyway it would be really useful to the reader to avoid confusion to clarify which modalities are relevant in the daily clinical practice and which are promising technology in the future perspective.


1) 2d ultrasound is the first diagnostic procedure to perform in case of suspected bladder cancer

2) Cystoscopy should be a second line procedure (bladder cancer is suspected and ultrasound inspection of the bladder is negative)

3) CT scan should be deserved to patients harboring high grade non muscle invasive bladder cancer, invasive bladder cancer, or suspected lesions of upper urinary tract after TUR of the lesion(s) identified by means of ultrasound/cystoscopy.

4) The other imaging modalities do not yet play yet a role in the diagnosis/staging of bladder cancer despite encouraging reports

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

None