Reviewer's report

Title: Advances in bladder cancer imaging

Version: 1 Date: 1 February 2013

Reviewer: VILLERS Arnauld

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Major Compulsory Revisions
None

The Minireview does not present a novel and/or timely evaluation of a clinical topic, however it gives important advices such as to abandon IVU, replaced by CT and to prefer MRI to CT. This is not yet the case in many centers.

The Minireview highlights and expands on development of imaging techniques that have, and are anticipated to change bladder cancer evaluation such as PET/CT or MRI/CT.

The minireview follows the logical way of reviewing the imaging techniques.

Minor Essential Revisions

Are there some arguments to perform the imaging studies before the TURBT to avoid the artefacts and false positive or negative results ?

Specific anatomic or tumor locations may be adressed or quoted, if in the scope of this minireview.
- False positive abnormalities such as the anterior and superior part thickening of the bladder muscle (remnant urachal part) can be described at US or CT. Is MRI of interest to clarify the diagnosis ?
- Urachal tumors are also best describep by MRI (sequences and sagital or coronal sections).
- Intradiverticular tumors.

Page 9 : Nano particle enhanced MRI : is this technique available in routine use in most european countries ?

The Minireview is well argued and referenced

European Urology guidelines 2011 are not extensive on that topic. There do not ned to be referenced.

The author used logical arguments and sound reasoning.

There are no similar reviews been published recently
The article is very clearly written with imaging definitions and explanations helpfull for non radiologists readers

Discretionary Revisions
None

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

I declare that I have no competing interests.