Reviewer’s report

Title: Using the new INTRABEAM mobile intraoperative radiotherapy system during surgery for pancreatic cancer: a case report

Version: 0 Date: 24 Aug 2018

Reviewer: PAVANKUMAR TANDRA

Reviewer's report:

1. Do you believe the case report is authentic? YES

Yes/No

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.

Comments: NONE

3. Does the Introduction explain the relevance of the case to the medical literature?

Yes/No YES

4. Does the article report the following information? Where information is missing, please specify.

a. The relevant patient information, including:

   - De-identified demographic information (age, gender, ethnicity) YES

   - Main symptoms of the patient YES

   - Medical, family and psychosocial history NO

   - Relevant past interventions and their outcomes YES

b. The relevant physical examination findings :YES
c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at T = 0, follow up at T = 1 month. YES

d. Diagnostic assessments, including:
  - Diagnostic methods YES
  - Challenges (e.g., financial, language/cultural) NO
  - Reasoning and prognostic characteristics (e.g., staging), where applicable NO

e. Types and mechanism of intervention YES

f. A summary of the clinical course of all follow-up visits: YES, but the follow up is short.

Comments:

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

Comments: YES

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes/No

YES

7. Is the Abstract representative of the case presented?

Comments: YES
8. Does the case represent a useful contribution to the medical literature?

Comments: YES

9. Additional comments for the author(s)? see below.

Please correct the grammar: example: Surgical resection is remains the mainstay therapy... ( no "is" required )

Also, Sentences have to be reformatted: example: Surgical resection is remains the mainstay therapy, however only less than 25% of patients have disease that is resectable at the time of diagnosis[2], and approximate 50% of patients have been found tumor recurrence after radical operation, it is believed that the high recurrence rate is associated with minimal malignancy residual at the borderline[3, 4], so intraoperative radiation therapy (IORT) has been used for patients with localized pancreatic cancer including resectable or borderline resectable cases[5,6].

This sentence is very long...

Please correct the English and grammar.

Also, Did you guys perform peritoneal fluid sampling (cytology) at the time of surgery to rule out stage IV disease.

Also, You should document staging in the manuscript as per AJCC for nay case reports in oncology.

**Level of interest**

Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published
Declaration of competing interests

Please complete a declaration of competing interests, considering the following questions:

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2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

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Were you mentored through this peer review?

No