Reviewer’s report

Title: The 3-D printing model streamlined surgical procedures on an intricate condition of airway compression caused by a devastating mediastinal chondrosarcoma - case report

Version: 0 Date: 01 Nov 2019

Reviewer: Dave Paskar

Reviewer's report:

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

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:

   NO

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

   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)
      - Main symptoms of the patient
      - Medical, family and psychosocial history
      - Relevant past interventions and their outcomes

   b. The relevant physical examination findings
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.

d. Diagnostic assessments, including:
- Diagnostic methods
- Challenges (e.g., financial, language/cultural)
- Reasoning and prognostic characteristics (e.g., staging), where applicable

e. Types and mechanism of intervention

f. A summary of the clinical course of all follow-up visits

Comments: yes

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

Comments: yes - however, the authors should elaborate more on how they precisely used the 3D-printed model to prepare for the patient's surgery

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

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 - potentially great example of the use of 3D printing, authors just need to explain how they used this technology: practice, etc.

9. Additional comments for the author(s)? PFT results probably do not need to be included in the publication
Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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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