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Medical Physics

Erlangen, 2024-11-14

**Manuscript: Extended Field of View in C-Arm Computed Tomography for Weight-Bearing Imaging**

Dear Prof. Jones, Dear Prof. Taylor,

We thank you for considering our submission as a research article for Medical Physics. We also thank the reviewers for the thoughtful comments. We have carefully revised the document and prepared a point-by-point response to the reviewer's comments.

The major changes to the paper are:

- Clarification of the medical impact
- An extension of the evaluation and discussion to 3D Cone Beam CT and off-center positioning of the object
- Inclusion of more substantive figure captions

Below, you will find the reviewers' comments in blue, our response in normal face and additions to the manuscript in quotes and "italic face." Note that we omitted footnotes and references in the quotations.

We are looking forward to hearing from you.

With kind regards,

Jane Smith

The following pages contain a list of editor's and reviewers' comments followed by our replies. The comments are sequentially numbered and associated either with the editor or the corresponding reviewer. The replies may contain references to changes in the original manuscript which are identified by a label consisting of a running number and followed by the label of the original comment in parentheses. The label back references the original reviewer comment within the manuscript. For instance, the reference **C2 (1.3)**, which is typeset in the manuscript margin, refers to the second change stemming from the third comment of the first reviewer.

### **Editor's Comments:**

- 1.1** *The topic of this manuscript is of interest. We concur with the summary review of the associate editor and the reviews of the referees. The authors should thoroughly address all of the comments, below, in a revised manuscript.*

### **Specific Comments:**

- 2.1** *You need to include figure captions that make your figures intelligible. See addition 1 and change 1.*

- ▶ The reviewer is right. We have reworked the figure captions to make the figures more independent of the text. Furthermore, check if lists are typeset correctly:

- One
- Two
  1. Three
  2. Four

- 2.2** *Are you going to pay for color in the print article? If not, the lines are not intelligible in Figures 2, 5, 11. In addition to color coding for the digital version, you could make lines with distinct patterns (dots, dashes, etc.) so they are distinct in monochrome presentations.*

- ▶ We agree with this point and we are sorry that we missed this in the first version of the article. The article will appear as an online only version and is part of the special issue associated with this year's CT Meeting conference. Thus there will be no additional cost associated with color figures. Nonetheless, we agree that all figures need to be correct in grey-scale as some readers might print the article. According to the reviewer's comment, we have adjusted the figures by using different patterns and gray levels.

(Refer also to comment **2.1** for more information.)

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Additional notes:

- Multiple source references can be `specified`.
- If the references do not fit into a single line in the margin, you may force a `break`.