Dear Dr. Alaghemandi,

Thank you for your editorial comments, we have now modified the original article and addressed your concerns, listed in bold lettering. Please let us know if there is anything you need from our behalf.

Very Best,

Sean and Jeff

Dear Dr. Rothstein,  
  
Your manuscript JoVE57347R1 "Generation of 3D Printed Biological iMolds for Optically Transparent Tissue Specimens" has been again editorially reviewed and the following comments need to be addressed. Please track the changes to identify all of the manuscript edits. After revising the submission, please also upload a separate document that addresses each of the editorial comments individually with the revised manuscript.  
  
Your revision is due by **Jan 11, 2018**.  
  
To submit a revision, go to the [JoVE submission site](http://www.editorialmanager.com/jove) and log in as an author. You will find your submission under the heading "Submission Needing Revision".  
  
Best,  
  
Mohammad Alaghemandi, Ph.D.  
Review Editor  
[JoVE](http://www.jove.com)  
617.674.1888  
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**Editorial comments:**  
  
1. The manuscript has been modified. Please read it carefully and revise if necessary. Enclosed please find the top copy. Please apply your changes on the top copy. Please do not change the current format/font.

**We have modified the manuscript to address your concerns and kept the formatting the same.**  
  
2. Please avoid using any abbreviation in the Title.

**We have now changed the total to remove the abbreviation, thank you.**  
  
3. Please revise the Introduction to include all of the following:  
a) A clear statement of the overall goal of this method  
b) The rationale behind the development and/or use of this technique  
c) The advantages over alternative techniques with applicable references to previous studies  
d) A description of the context of the technique in the wider body of literature  
e) Information to help readers to determine whether the method is appropriate for their application

**Thank you for allowing us to improve the introduction. We have now modified it to address the concerns by including additional sentences and paragraph.**  
  
4. Please ensure that all text in the protocol section is written in the imperative tense as if telling someone how to do the technique (e.g., “Do this,” “Ensure that,” etc.).

**We thoroughly went through the manuscript to ensure everything is in the imperative tense.**  
  
5. Please ensure you answer the “how” question, i.e., how is the step performed? Alternatively, add references to published material specifying how to perform the protocol action.

**We have added the “how” question and also added additional references for the users to be able to refer to.**   
  
6. For steps that involve software, please make sure to provide all the details such as “click this”, “select that”, “observe this”, etc. Please mention all the steps that are necessary to execute the action item. Please provide details so a reader may replicate your analysis including buttons clicked, inputs, screenshots, etc. This is the level of detail we’re looking for. Please keep in mind that software steps without a graphical user interface cannot be filmed.

**We have highlighted all buttons to be clicked in bold with quotations to allow users to easily identify what buttons to be clicked. In addition, the software has a nice user interface that we plan to film.**  
  
7. Protocol: 1.1: Please use the imperative tense for all the sentences of the protocol steps.

**We have addressed this, thank you.**  
  
8. Protocol: 1.2: How much of the solution is roughly enough?

**We have added the information to address how much liquid is often used.**  
  
9. Protocol: 1.3: “De-gas” how? Using what? Please clearly describe the actions.

**We have added a reference that explains thoroughly how to do this, in addition we have added more information.**  
  
10. Protocol: 1.4: How much solution is needed for clearing or washing?

**We have added how much solution is roughly needed for both clearing and washing of the tissue. In addition, we have provided an additional reference.**  
  
11. Protocol: 1.5: How is that done?

**We have added more detail to explain how this is performed.**  
  
12. Protocol: 2.4: “Open” where? How? Please include all the buttons clicked in the software.

**We have added all the information needed to now know what buttons to click, these buttons are now highlighted in bold with quotations.**   
  
13. Protocol: 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 2.11, 2.12, 2.13, 2.14, 2.15, 2.17, 2.18, 2.19, 2.20, 2.21, 2.22, 2.23, 2.26, 2.28, 3.31: How is that done? Please include all the buttons clicked in the software, and all the setting selected.

**We have added all the information needed to now know what buttons to click, these buttons are now highlighted in bold with quotations.**  
  
14. Protocol: 5.2: Note 2: Please move the second Note to the Discussion.

**We have now added this note to the discussion part of the manuscript**.  
  
15. After revising the protocol, please highlight 2.75 pages or less of the Protocol (including headings and spacing) that identifies the essential steps of the protocol for the video, i.e., the steps that should be visualized to tell the most cohesive story of the Protocol. Remember that non-highlighted Protocol steps will remain in the manuscript, and therefore will still be available to the reader.

**We have highlighted roughly 2.5 pages for filming that we believe are essential components for the users to know how to perform to complete this protocol.**  
  
16. Please include all relevant details that are required to perform the step in the highlighting. For example: If step 2.5 is highlighted for filming and the details of how to perform the step are given in steps 2.5.1 and 2.5.2, then the sub-steps where the details are provided must be highlighted.

**We have highlighted the sub sections in addition to the steps.**  
  
17. Please avoid numbering Figures inside them, e.g., please remove “Figure 1” from Figure 1.

**Thank you, we have removed this from the figure.**  
  
18. Figure 1: Panels (B) and (C): Please use SI units, please use “µm” instead of “um”.

**Thank you, we have revised the figure.**  
  
19. Figure 2: Please use SI units, please use “µm” instead of “uM”.

**Thank you we have revised the figure**.