Dear Editor,

We would like to thank you for the insightful comments and your help. We made the changes according to the comments.

Best Regards

Step 1.6: Please add details on how to dissect free the artery and vein. For e.g. using scalpel and scissors, etc. Please provide a reference for Seldinger technique. How is CVP and MAP measured?

Answer:

Thank you, we added details and the reference for this step. Changes made: page 3, lines 187-190.

2.1: Please add details on how to carry out thoracotomy. How is the incision made? JoVE veterinary reviewers typically recommend initial incisions be made with a scalpel rather than scissors.

Answer:

Thank you, we added details for this step. Changes made: page 3, lines 195-196.

2.2: Dissect how? Please add details and mention the instruments used.

Answer:

We added materials used for this step. Changes made: page 3, lines 200-201.

2.3: Open how? Please mention the type of catheter.

Answer:

We added details for this step. Changes made: page 3, lines 204-207.

3.2: What size catheter?

Answer:

Information was added. Changes made: page 4, line 270.

3.3: Please rewrite this step for clarity. Is it g or mL?

Answer:

Thank you, it is ml. We rewrote this step and added details. Changes made: page 5, lines 273-278.

3.4.1: Between which steps? Please add details on how to withdraw the casting material.

Answer:

We added the step. The withdrawal part was deleted for clarity. It is described in step 3.4.

Changes made: page 5, line 286.

Section 4: How long after injecting the casting material, is the autopsy performed?

Answer:

Thank you, information was added on page 5 lines 293-294.

4.1: How is the incision made? Please rewrite the second sentence for clarity.

Answer:

We rewrote this step and added details. Changes made: page 5, lines 297-298.

4.5: Please add more details.

Answer:

We added more details for this step. Changes made: page 6, lines 314-319.