

## Peer Review File

Article information: <https://dx.doi.org/10.21037/acr-23-145>

### Reviewer A

#### Abstract

**Comment 1: Line 32 ‘analyze’ is a wrong choice of words, better use explore, investigate ..**

Reply 1: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. We have modified ‘analyze’ to ‘explore’ as advised.

Changes in the text: see Line 35

**Comment 2: Line 37 ‘extubation’ is a wrong choice of words, better use removal ...**

Reply 2: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. We have modified our text as advised. The ‘extubation’ of the entire text has been changed to ‘removal’.

Changes in the text: see Line 2, Line39...

**Comment 3: Line 37 is the removal in a chronologic sequence? If so it’s a strange you ask the PICC nurse as last.**

Reply 3: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. Consultation is conducted simultaneously. As a more accessible expert consultant, we have placed PICC nurses in the front position.

Changes in the text: see Line 40

**Comment 4: Line 40 ‘healed well’ is subjective. Make it objective.**

Reply 4: Thanks for the Reviewer’s kind suggestion. We have modified our text as advised. We changed “healed well” to “Healing of wounds and the growth of blood vessel are both well.”

Changes in the text: see Line 43

**Comment 5: Line 42 ‘wet’ is that sterile?**

Reply 5: Thanks for the Reviewer’s kind suggestion. A wet compress is applied to the skin above the catheter orifice and does not directly contact the wound, therefore it is not sterile.

Changes in the text: None.

**Comment 6: Line 43 ‘extubation’ is a wrong choice of words**

Reply 6: Thanks for the Reviewer’s kind suggestion. The ‘extubation’ of the entire text has been changed to ‘removal’.

Changes in the text: see Line 45

**Comment 7: Line 45 ‘extubation’ is a wrong choice of words**

Reply 7: Thanks for the Reviewer's kind suggestion. The 'extubation' of the entire text has been changed to 'removal'.

Changes in the text: see Line 47

### **Introduction**

**Comment 8: Try to use one or two words for your patients, you write babies, premature infants, child**

Reply 8: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. We have modified our text as advised. We added "Baby H, a 30-week,1240-g infant," to describe the patient.

Changes in the text: see Line 64

**Comment 9: Line 53 'is' should be 'in'**

Reply 9: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. We have changed 'is' to 'in' as advised.

Changes in the text: Line 53

**Comment 10: Line 54 what is a technical procedure?**

Reply 10: We sincerely thanks you for your feedback which would help to improve the quality of our manuscript. We apologize for not explaining it clearly what "technical procedure" means in Line 54. We have changed "technical procedure" to "PICC catheterization in newborns".

Changes in the text: see Line 57

**Comment 11: Line 56 'extubation' is a wrong choice of words (PLEASE remove throughout the manuscript)**

Reply 11: Thanks for the Reviewer's kind suggestion. We apologize for this incorrect wording. The 'extubation' of the entire text has been changed to 'removal'.

Changes in the text: see Line 60

### **Case presentation**

**Comment 12: Line 71 sentence is not correct, your patient doesn't perform the insertion, that's the inserter. Call it left arm not left upper limb**

Reply 12: Thanks for the Reviewer's kind suggestion. We have changed 'insertion' to 'inserter'. And the 'left upper limb' of the entire text have changed to 'left arm'.

Changes in the text: see Line 78

**Comment 13: Line 73 could not be advanced**

Reply 13: Thanks for the Reviewer's kind suggestion. We apologize for this incorrect wording. We have changed 'move forward' to 'be advanced'.

Changes in the text: see Line 79

### **Nursing process**

**Comment 14: Line 91 pipeline .....not correct wording**

Reply 14: Thanks for the Reviewer's kind suggestion. We apologize for this incorrect wording. We changed 'pipeline' to 'catheter'.

Changes in the text: see Line 95

**I would like to express my appreciation for your efforts in composing this case study. I strongly encourage you to proceed with the work and consider revising the manuscript. At present, there are several language challenges that need to be addressed through a significant revision process.**

Reply 15: Thank you very much for giving us an opportunity to revise our manuscript. We have studied comments carefully and have made correction which we hope to meet with approval. We employed an English language editing service, Elsevier, to polish our wording after the completion of the manuscript. We apologize for any inappropriate wording in the manuscript. We appreciate you very much for their positive and constructive comments and suggestions on our manuscript.

**Reviewer B**

1. Please indicate the specific institution name of "our department".

83 removing a PICC due to reverse folding during catheterization. Baby H, a 30-week, 1240-g infant,

84 a very low birth weight premature infant, was admitted to our department on October 7, 2020.

Reply 1: We indicate the specific institution name of "our department". See Line 120.

2. Please check if more reference should be cited in the following sentences since you mentioned "studies":

- Studies have shown that thrombosis is a common and mostly asymptomatic complication in children with a PICC (4) and is often associated with multiple intubations and excessive indwelling time.
- Studies have shown that the valve of the blood vessel, the angle between the blood vessels, and the vascular space are the vascular anatomy basis for the formation of PICC insertion difficulties (6).

Reply2: We apologize for our negligence and have changed "studies" to "study". See Line202, Line 208.