

Peer Review File

Article information: <https://dx.doi.org/10.21037/ales-22-14>

Reviewer A

1. No intraoperative blood pressure data was shown in case presentation. As we know, the blood pressure is closely related with pressure alopecia.

Reply: anesthesia records reviewed with no specific documentation of periods of hypotension intraoperatively in either case (page 4, line 72-73); hypotension was noted post-operatively during the second case prior to return to OR (page 5, line 94)

2. What is the material of the headrest used during operation? A previous article, Choosing an optimal headrest for preventing postoperative alopecia - A manikin study. J Tissue Viability. 2020 May;29(2):100-103. doi: 10.1016/j.jtv.2020.01.003. ,can be used as a reference.

Reply: added material for headrests used (page 3-4 line 69-70, page 5 line 100); additionally added a line with reference to this study (page 9, line 190-193)

3. It would be better if there was a picture showing the alopecia.

Reply: no images of the patient's alopecia are available to include

Reviewer B

In this study the authors present two cases of pressure alopecia in women undergoing robotic gynecologic oncology surgery as well as a review of the literature. The cases are well described and this adds to the body of literature on an interesting topic. Additional information regarding individual cases and treatment options/indications for this phenomenon would bolster the paper.

Please see below for additional comments.

Abstract

Line 37: would not use the word trend given only 2 cases with no denominator.

Reply: changed to "event" (page 2, line 35)

Line 39: "Symptomatic presentation varies with patient specific need for further intervention to achieve resolution." This sentence is confusing. It sounds like you're saying some patients need intervention and some do not?

Reply: sentence modified for clarity to the fact that some patients do not need

intervention while others may undergo treatment if spontaneous regrowth is not adequate (page 2, line 37-38)

Case presentations

1. Line 77 and 94: can you please specify approximately how many degrees of Trendelenburg?

Reply: added that degrees of Trendelenburg were reported as a maximum of 30 degrees (page 4, line 72-73; page 5, line 101-102)

2. Line 114: please describe the size of the “circular patch”

Reply: EMR notes by Dermatology does not describe the size of the patch and no images taken

Discussion

1. Line 125 please specify complete regrowth for all patients was with or without treatment

Reply: specified without treatment (page 6, line 123)

2. Line 131: “11 received endotracheal intubation suggesting minimal repositioning of the head by anesthesiologists once anesthesia was induced, a possible consequence of expectedly long procedures.” When the data is available please specify for those patients that were not intubated what type of surgery and anesthesia they had. Secondly, “a possible consequence of expectedly long procedures” is confusing. What is the consequence? Intubation? Minimal repositioning? Please rephrase.

Reply: data is not available for the specifics of anesthesia in those patients that were not intubated. Sentence was rephrased for clarity (page 6, line 128-130)

3. Line 133: were 13 patients asymptomatic then?

Reply: thank you for this clarification, the lines were rephrased to clarify the total number of patients with post-operative scalp symptoms (page 6, line 130-132)

4. Line 149: again please specify whether resolution occurred with or without treatment

Reply: added “without treatment” (page 7, line 147)

5. Line 162: probably an overstatement to say “correlating” when talking about case reports. Perhaps linking? Or examining?

Reply: changed to “examining” (page 7, line 160)

6. Line 174: the sentence starting with “a fact” is not a full sentence and should be combined with the previous one.

Reply: sentences combined (page 8, line 170-172)

7. Line 183 “temporary hair loss...” this seems out of place here as this paragraph is about the more significant impact it may have on oncology patients

Reply: sentence removed (page 8, line 182)

8. Please include a brief discussion on treatment options and potential indications for treatment and likelihood of spontaneous resolution to educate readers for patient counseling

Reply: added a line with reference to treatment options and spontaneous regrowth (page 8, line 170-174)