

## Peer Review File

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### Review Comments

I appreciate the opportunity to review the paper you have submitted. I would like to congratulate your effort in making the steps and all the surgeon's considerations very clear, which completely meets the journal criteria for the surgical technique section, from where I see it.

I suggest you two main points of concern that ought to be modified and compelled me to suggest a major revision of the article.

The first one concerns grammatical changes I would suggest that would make the technique clearer and would standardize the article's grammar to international publication patterns in preferring certain terms over others. For that, I commented punctually over each line from the submitted pdf manuscript I did not see fit, with the best intent to clarify the points for the grammar revision for the authors. I will list it here and it is also uploaded as a document for the authors.

{32- "status of the lymph node is related to the staging [...]" does not transmit the desired idea, it would be better to state "the status of lymph node involvement" or simply "lymph node involvement...".

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: Pelvic lymphadenectomy is an important surgical procedure for patients with gynecological malignant tumors, and the status of lymph node involvement is associated with prognosis and decision-making of postoperative adjuvant treatment (page 2, lines 30-32).

36- correct to: "a 52-year-old woman with stage IA endometrial carcinoma WHO UNDERWENT laparoscopic total hysterectomy..."

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: We reported a 52-year-old woman with stage IA endometrial carcinoma who underwent laparoscopic total hysterectomy and pelvic lymphadenectomy (page 2, lines 39-40).

38- lacks the article, please include “experience of A laparoscopic pelvic lymphadenectomy...”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: This video aims to describe the experience of a laparoscopic pelvic lymphadenectomy in our institution (page 2, lines 38).

65- please correct to “LPL is related to better cosmetic result and faster recovery compared to ALP”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: Therefore, LPL is related to better cosmetic result and faster recovery compared to ALP (page 3, lines 66-67).

69- please correct to “a 52-year-old woman with stage IA endometrial carcinoma WHO UNDERWENT laparoscopic total hysterectomy and PL”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: In this case, we reported a 52-year-old woman with stage IA endometrial carcinoma who underwent laparoscopic total hysterectomy and PL (page 3, lines 69-70).

80- Lines 80 and 81 belong in the Postoperative Considerations and Tasks, as they describe postoperative pathological findings.

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: Postoperative pathological findings suggested that endometrial hyperplasia changed, local hyperplasia was disordered, and no residual tumor was found. In addition, All of the lymph nodes were negative (page 4, lines 109-111).

87- please correct to “WE SUTURED the uterus round ligament to suspend the uterus, and PERFORMED coagulations of...”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: We sutured the uterus round ligament to suspend the uterus, and performed coagulation of bilateral isthmus of fallopian tubes to avoid tumor cell expansion (page 4, lines 89-91).

89;91- please correct to “WE suctioned the peritoneal flushing fluid” and describe that the chocolate cyst was found in exploring the left ovary. E.g. “the left ovary was dissected and a 4 cm chocolate cyst was found/removed”.

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: During the operation, the left ovary was dissected and a 4 cm chocolate cyst was found and removed (page 4, lines 92-94).

92- please, correct to “WE opened the peritoneum AND exposed...”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: We opened the peritoneum and exposed the boundary of lymphadenectomy (page 4, lines 95).

101- the idea is clear in this step, but it would be preferable to say “surgically remove ENTIRE lymph nodes”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: which not only can surgically remove entire lymph nodes but also avoid damage to important blood vessels and organs (page 4, lines 103-104).

105- lines 80 to 83 must be included here as a postoperative task, such as the pathological assessment of the surgical products usually is. Maybe a better term could substitute “Pay attention” in line 106 such as “be attentive to”.

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: Postoperative pathological findings suggested that endometrial

hyperplasia changed, local hyperplasia was disordered, and no residual tumor was found. In addition, All of the lymph nodes were negative (page 4, lines 109-111).

Early postoperative assessment should be attentive to the following aspects: surgical incision, color, nature, and amount of drainage in the abdominal cavity (page 4, lines 112-113).

128- Phrasing seems unclear, perhaps “First, the surgeon should open the pelvic side wall peritoneum...” which extends to line 132 “at the same time, the peritoneum was medially separated to expose...”

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: First, the surgeon should open the pelvic side wall peritoneum, separate the superficial structure of the pelvic side wall, extend the peritoneal incision down to the round ligament near the inguinal ligament, and extend upward to about 3 cm above the bifurcation of the common iliac artery. At the same time, the peritoneum was medially separated to expose the main trunk of the internal iliac artery (page 5, lines 134-139).

160/161- Please, correct to “15 lymph nodes were removed FROM THE left pelvis and 13 lymph nodes were removed FROM THE right pelvis”.

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: In this case, 15 lymph nodes were removed from the left pelvis and 13 lymph nodes were removed from the right pelvis (page 6, lines 166-167).

184- I suggest changing the certainty of “will lead to a successful operation” to a less assertive statement, such as “would improve the odds of a successful operation” or “would most likely lead to a successful operation”, since even the perfect technique may produce adverse results in an adverse uncontrollable scenario.}

**Author's response:** Thanks for your comments. We have made modifications based on your comments.

Changes in the text: A good understanding of basic laparoscopic technique would improve the odds of a successful operation (page 7, lines 189-190).

The second topic of concern is a discordance among what is stated in lines 65-67. The phrasing just seems odd if compared to what has just been stated. From the start of the paragraph, it is stated and explained that LPL is far superior than ALP (which it is), but then it is cited simply as “an alternative for ALP”. In the reference cited for this phrase, I could not find the minimally invasive procedure (LPL) to be an alternative to APL, it is said as the authors mentioned previously, but rather that "Over the past decade, practice has trended toward minimally invasive approaches to total abdominal hysterectomy”. It transmits the opposite idea to say it is an alternative, since it seems to be superior in almost every aspect and the main trending method. I suggest the phrase to be deleted or to state the superiority and preferability of LPL over ALP.

**Author's response:** Thanks for your comments. We have deleted the sentence ‘In the current treatment guidelines, LPL has been considered an acceptable alternative for APL [4]’ in the revised manuscript.