

## Peer Review File

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### Reviewer A

This manuscript showed review of various studies of energy devices and authors' experience in their clinical practice. My comments are as below.

1. Show detailed way of search in method section, about searching terms, target period, when to search, and so on. Those are required in systematic review and scientific report – we included our search terms in lines 56 to 59.
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### Reviewer B

I have some concerns and questions:

1. The authors describe very short the technical aspects of energy sealing: energy power ?, pressure ? etc.- we added a paragraph about bursting pressure, tissue and blade temperature in line 77-81.
2. The authors involve in the study only ligasure and the harmonic instrument- in table 1 we include also some other devices ((Toishi at al. 2014(10), Liberman at al. 2014(12)), but those devices are not well study in human.

What are the differences between the techniques (ligasure vs. harmonic)- there is very minor differences regarding the surgical technique used in harmonic and LiGasure . The choice is usually based on the preference of the surgeon and on the hospital costs policy and availability. In our experience the technical adjustments required in moving from LiGasure to Harmonic (or Harmonic to LiGasure) is simple and require a short learning curve. We add this comment in lines 114-117

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### Reviewer C

Suggest to add some description on the division of the intersegmental plane with energy devices.- because of the risk for air leak, we don't recommend to use energy devices for dividing the intersegmental plane. We add this comment in liens 166- 169.