

A Turning point in Robotic Surgery in Gynecologic Oncology : The Latest Evidence and the emergence of new robotic systems

Discussant

Kangnam Sacred Heart Hospital, Korea

Soo Young Jeong

The first lecture

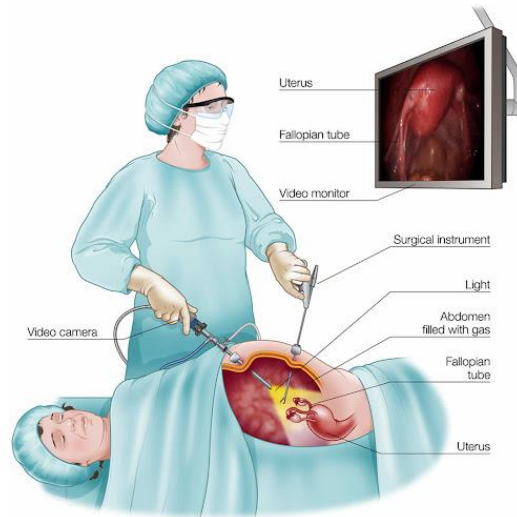
- Turning Point in Robotic Surgery in Gynecologic Oncology
- Robotic surgery in gynecology has been increasing in Korea, for example, about 34% of robotic surgery in Korea is gynecologic.
- In cervical cancer,, LACC trial
- In endometrial cancer,,
 - Sentinel lymph node dissection
 - Upper paraaortic lymph node dissection
- In ovarian cancer,,
 - Early stage or isolated recurrent disease

Advantages of robotic surgery

- Solving the surgeon ergonomic crisis, especially female operators.



VS



VS



To Professor Jiheum Park

Q1. To maintain consistency of surgery, operator ergonomics is very important, so I suggest robotic surgery is more appropriate to female surgeons because of physical differences. However, in Korea, robotic surgery is still not covered with national insurance, so there are still cost issues and it makes patients antipathy. What can doctors do if they want to perform robotic surgery?

Robotic system in Korea

- Most robot surgery .. [Davinci X/Xi](#)



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- 5 hospitals in Korea .. [Revo-I](#)



Robotic system in Korea

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- **Hugo** system : *just approved* by Ministry of Food and Drug Safety in Feb, 2024.

To professor Hiroaki Komatsu

Q1. There are lots of differences between two systems, Davinci and Hugo. In Korea, Hugo system has been approved at the last month. How about the learning curve of Hugo system to the operators who have been using Davinci system?

Q2. I suggest that personal competency determines the surgical method. However, as an operator who has been exposed to various robotic system, which system is more appropriate to gynecologist?