

Implementing a da Vinci program in rural settings

Publication summary

2024

Implementation of a robotic gynecologic surgery program in a rural setting

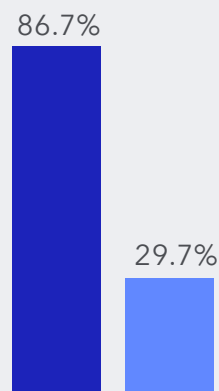
Single center retrospective review of hysterectomies performed before and after implementation of a robotic surgical program

“Rural patients face significant barriers to healthcare and have poorer health outcomes.

Access to quality, timely, and local surgical care is critical to achieving healthcare equity in rural populations.”

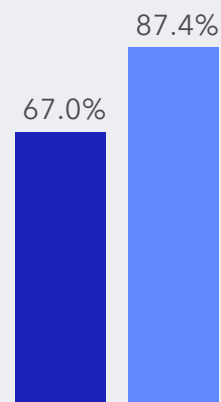
■ Pre-robotic 188 hysterectomies performed by surgeons May 1, 2012 – April 30, 2013
■ Post-robotic 239 hysterectomies performed by surgeons May 1, 2015 – April 30, 2016

Following implementation of a robotic surgical program observed a statistically **significant decrease in the presence of an assistant surgeon at the time of hysterectomy**



$p \leq 0.0001$

There was also **an increase in the percentage of hysterectomies performed by minimally invasive technique**



$p \leq 0.0001$

Alligood-Percoco N, Huggler N, McQuillen A. Implementation of a Robotic Gynecologic Surgery Program in a Rural Setting: Impact on Presence of Assistant Surgeon and Route of Hysterectomy. JSLS. Published online July-September 2023. doi: 10.4293/JSLS.2023.00035

Important safety information

Important safety information

Serious complications may occur in any surgery, including da Vinci surgery, up to and including death. Serious risks include, but are not limited to, injury to tissues and organs and conversion to other surgical techniques which could result in a longer operative time and/or increased complications. For summary of the risks associated with surgery refer to www.davincisurgery.com/safety or www.intuitive.com/safety.

For product intended use and/or indications for use, risks, cautions, and warnings and full prescribing information, refer to the associated user manual(s) or visit <https://manuals.intuitivesurgical.com/market>.

Individual outcomes may depend on a number of factors—including but not limited to—patient characteristics, disease characteristics, and/or surgeon experience.

Da Vinci Xi precaution statement

The demonstration of safety and effectiveness for the representative specific procedures did not include evaluation of outcomes related to the treatment of cancer (overall survival, disease-free survival, local recurrence), except for radical prostatectomy which was evaluated for overall survival, or treatment of the patient's underlying disease/condition. Device usage in all surgical procedures should be guided by the clinical judgment of an adequately trained surgeon.

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