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ROBOTIC SACROCOLPOPEXY FOR MANAGEMENT OF APICAL VAGINAL PROLAPSE

Introduction

Sacrocolpopexy is the gold-standard procedure for the management of apical pelvic support defects. While this operation can be performed with conventional laparoscopic techniques, the majority are performed through an open technique because of extensive suturing that is required. Introduction of the da Vinci™ robotic system with instruments that have improved dexterity and precision affords more surgeons the opportunity to complete the procedure through a minimally-invasive approach.

Design: Video demonstration

Results: This video presents the following steps: Correct port placement that decreases the likelihood of robotic-arm interference; dissection of the anterior longitudinal ligament; dissection of the rectovaginal and vesicovaginal spaces; attachment of a y-shaped graft first to the anterior vaginal wall then the posterior vaginal wall; passage of the graft through a retroperitoneal tunnel; suturing of the graft with minimal tension to the anterior longitudinal ligament; and closure of the peritoneum over the graft.

Conclusion: Robotic-assistance affords the opportunity to efficiently perform a sacrocolpopexy through a minimally-invasive technique that is exactly modeled after the open procedure.

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<i>Is this a clinical trial?</i>	No
<i>What were the subjects in the study?</i>	NONE