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LAPAROSCOPIC REPAIR OF BLADDER INJURY DURING GYNAECOLOGICAL SURGERY

Introduction

Bladder injury is a rare but known complication of laparoscopic surgery particularly sacrocolpopexy and hysterectomy. The surgical repair of injury can be challenging. This video presents a safe technique of laparoscopic repair of bladder injury

Design

Seven patients (five underwent intraoperative bladder injury, and two had bladder opening to remove an eroded TVT from the bladder and bladder endometriosis) over 24 months period were prospectively evaluated. The video shows dissection of the bladder from vagina, followed by laparoscopic repair of cystotomy with continuous suture in two layers. All patients had an indwelling catheter for 14 days following surgery. Cystogram was performed prior to catheter removal in all patients to check bladder integrity

Results

Successful repair was achieved in all cases laparoscopically without complications. All patients resumed normal voiding without long-term consequences

Conclusion

Laparoscopic repair of intraoperative bladder injury and intentional cystotomy is a safe and minimally invasive method of treating this complication with no long-term consequences.

Disclosures

Funding: None **Clinical Trial:** No **Subjects:** HUMAN **Ethics not Req'd:** This is a presentation of case series of the laparoscopic management of a complication that happens during gynecological surgery, and hence ethical approval is not required. **Helsinki:** Yes **Informed Consent:** Yes