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Tosson S<sup>1</sup>

1. University Hospital of Hartlepool

## **POSTERIOR INTRAVAGINAL SLINGOPLAST AND POSTERIOR MESH REPAIR A MINIMAL ACCESS ALTERNATIVE TO VAULT PROLAPSE REPAIR.**

### **Aims of Study**

To establish the efficacy of the Posterior Intravaginal Slingoplast and Posterior Mesh Repair a Minimal access Alternative to Vault prolapse repair.

### **Methods**

15 patients who have had either grade two or three vault prolapse were selected. All patients had received detailed informed consent for the above procedure. Two small incisions, 7 mm, were made midway the ischeal tuberosity between and the rectum. The posterior vaginal wall was dissected. The Tyco IVS Tunneler, Intra vaginal sling placement instrument, was inserted parallel to the rectum from the perineum and passed through the vaginal vault. The mesh is passed through on the other side. The Tape Mesh is sutured to the vaginal vault. Rectum is checked to make sure that it was not perforated.

A prolene mesh, Autosuture Surgipro, is shaped and is sutured to the vaginal vault and the perineal body. Vaginal closed and Mesh is adjusted. Perineal wounds are closed. All patients are given Metronidazole 500 mgs and Cefuroxime 1.5 grams iv.

### **Results**

- No incidence of rectal perforation.
- Total Blood Loss was 50mls on average
- None of the patients developed pyrexia.
- 5 patients went home in 24 hours
- 9 patients went home in 48 hours
- A patient went home in the third day for social reasons.
- No patient needed blood transfusion
- None of the patients had failures, short term results less than a year.
- Those patients who are having intercourse did not experience any difficulties nor their partners.

### **Conclusions**

Posterior Intravaginal Slingoplast and Posterior Mesh Repair a Minimal access Alternative to Vault prolapse repair is successful in managing vault prolapse with good outcome measures in the short term. Further study and longer term follow up is required.