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## TOTAL RECTAL EXPOSURE AFTER POSTERIOR KIT VAGINAL REPAIR

### Introduction

The video shows a rare case of total mesh erosion into the rectum after transperineal implant of double arm polypropilene kit. A miniminvasive transanal approach was performed to remove the mesh and restore the rectal integrity

### Design

a 70 ys.old woman underwent a tranperineal implant of double arm polypropilene kit. 1 years after she developed bother symptoms in the posterior perineum including heaviness, pain and rectal bleeding during defecation. A clinical examination showed the presence of the total mesh floating into the rectal cavity with the two arms extremely painful trans passing the lateral rectal wall at the level of ischial spine.

### Results

After a positioning of canal anal dilator the mesh was identified and pulling with two Kocher's clamps. A sharp and blunt dissection was carried out until the passage of the arms near the ischial spine. During this maneuvers a continuous cleansing of povidone iodine and hydrogen peroxide was performed. After a complete removal of the foreign material, the wounds were closed with double layer of 2/0 resorbable sutures. Minimal bleeding happened during the procedure. Patient was discharged the day after the surgery and no other intraoperative or post-operative complication occurred. The defecography 3 months after showed no defects or abnormality on the morphology of the rectal wall. At the follow-up after 1 year the patient was asymptomatic with a complete recovery of the rectal wall after physical evaluation

### Conclusion

To our knowledge this is a rare complication of "total" rectal erosion of transperinea kit mesh posterior. The peculiarity of this video is showing a complete trananal approach of this serious complication avoiding the more invasive and traumatic abdominal procedure including temporary colostomy.

### Disclosures

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