Laparoscopic Vesicovaginal Fistula repair

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Advantages

- More complete excision
- Less chances of Vaginal Shortening
- Early recovery
- Less chance of recurrence
- Less chance of visceral injury
- Cosmetically better outcome
VVF

Patient with a vesicovaginal fistula.
Vesico-vaginal fistula Probing

Placement of right angle clamp through vesicovaginal fistula into bladder.
Probing with stent

Cystoscope permits stent to be fed into vagina. Tip of stent is grasped by right angle clamp.
Fixation of Fistula

Stent in place traversing the bladder and vagina via the vesicovaginal fistula.
Dissection of Fistula

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Dissection of Fistula

Dissection of fistula tract to the stent passing between the bladder and vagina.
Dissection of Fistula

Bladder

Holes in bladder and vagina

Vagina

Stent removed. Holes completely independent of one another.
Closure of Bladder

Bladder

Vagina

Closure of the bladder.
Closure of Vagina

Completed vesicovaginal fistula repair.
Procedure
Complications of Fistula Repair

- Post Operative Failure
- Recurrent Fistula Formation
- Injury to Ureter, Bowel, or Intestines
- Vaginal Shortening
Thanks

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