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
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

Side view
Bladder
Vagina
Rectum
Vesicovaginal fistula

Laparoscopic View
Overhead View
Bladder
Vagina
Rectum

Dissection of bladder base from the vagina.
Dissection of Fistula

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

Stent removed. Holes completely independent of one another.
Closure of Bladder
Closure of Vagina
Complications of Fistula Repair

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

World Laparoscopy Hospital