Laparoscopic Vesicovaginal Fistula repair

Dr. R. K. Mishra
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

Dissection of bladder base from the vagina.
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

Bladder

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

World Laparoscopy Hospital