

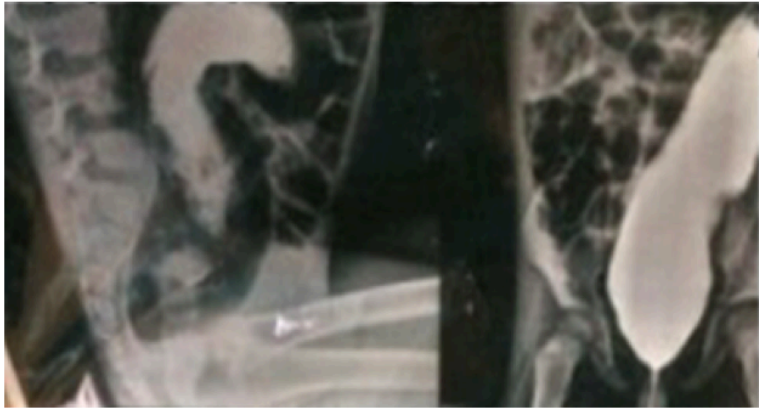
CASE 3.

Urinary Retention Post Laparoscopic Assisted Transanal Pull Through Swenson Technique

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- 5-yr-old patient presenting late with Hirschsprung disease; no history of enterocolitis.
 - Preoperative biopsy confirmed HSD.
 - Preoperative barium enema image provided revealing short segment HSD.
 - Otherwise, no other medical or surgical conditions; fit and healthy child.
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Procedure: 30/7/2018

- Patient underwent laparoscopi-assisted transanal Swenson pull-through. Intraoperative period was uneventful.
- With pelvic dissection, care was taken to stay close to the rectal wall. Retrorectal dissection was done and minimal dissection in front of rectum, just opening the peritoneal reflection. Vas deference and ureters were intact.
- Intraoperative frozen biopsy revealed level at recto-segmoid.
- Urinary catheter was left in place.
- Post-operative patient opened bowels spontaneously.

Challenges

Upon removal of the urinary catheter patient couldn't void and we had to reinsert the catheter.

Management

- Our provisional diagnosis was neuropathic bladder with our Center's previous experience; usually resolves in few days with clamping and releasing of the urinary catheter when patient has urge to micturate. This was carried out for 3 days with no good results.
- Urological Consultation was sought and advised administration of Cardora (doxazosin) 1 mg Tablet once daily (*alpha-adrenergic Blocker*) more over patient was discharged home and mother was taught how to carry out intermittent catheterization. Urodynamics was scheduled after week period.
- No post-operative wash out was carried out in this patient because he was opening bowel well and no history of enterocolitis and he is coming back in a week for urodynamics and Routine post operative examination.

Questions

- I would like to inquire about your experience with such a complication and seek your kind advice 🙏
- Does the pt age predispose to such problem, bearing in mind I did Swenson procedure before but in younger age didn't encounter this problem.
- How to avoid the problem?