Center for Reconstructive Urethral Surgery

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Definitive perineal urethrostomy
Definitive perineal urethrostomy

Bulbar urethra
Definitive perineal urethrostomy

Surgical technique: step by step
Preparation of the patient

Simple lithotomy position
Preparation of the patient

Allen stirrups with sequential inflatable compression sleeves
Methylene blue is injected into the urethra
“U” inverted perineal incision
Opening of the bulbospongiosum muscle
Opening of the ventral urethral surface and suture of the spongiosum tissue
Nasal speculum is inserted in the proximal urethral stomia
The needle in modified according the Webster’s technique
Three stitches are passed through the apex of the scrotal flap.
The scrotal flap is sutured to the proximal urethral opening.
Two scrotal flaps are sutured to the urethral plate
Final view of the perineal urethrostomy
View of the perineal urethrostomy one year later
Post-operative care

- Patient is discharged from the hospital three days after surgery

- Patient is maintained on oral antibiotics until the catheter is removed

- Two months following surgery, the patient is evaluated at follow-up visit in outpatient service
Post-operative complications

- Dehiscence of the surgical wound
- Temporary numbness or dysesthesia to the perineum
- Scrotal swelling