



Operation Information

Suprapubic Catheterization (Paediatrics only)

Introduction

The operation involves the placement of a drainage catheter into the bladder through an incision in the abdominal wall skin. Cystoscopy (inspection of the bladder) may be required to aid insertion of suprapubic urinary catheter. The procedure is carried out using an aseptic technique and in children is usually performed under general anaesthesia. The procedure could be required as the preparation for urodynamic study in children.

Outcomes

This surgical procedure is significant help to relieve urinary retention in term of draining urine from the bladder due to the following conditions:

- Urethral injuries
- Urethral obstruction
- Bladder neck masses

Procedures

1. The operation can be performed under general anaesthesia.
2. The suprapubic catheter is inserted through a small incision in your lower abdomen after filling the bladder with fluid.
3. Correct positioning of the catheter within the bladder may be confirmed by telescopic inspection of the bladder via the urethra during the procedure.
4. The wound is sutured closed and the catheter is stitched in place.

Possible Risks and Complications

1. Infection
2. Bleeding requiring irrigation or additional catheterization to remove blood clot. Blocking of the catheter requiring unblocking
3. Bladder discomfort or pain
4. Catheter or suture expulsion

** The risks listed above are in general terms and the possibility of complications is not exhaustive. Please understand that even though all operations are carried out with utmost professionalism and care, this does not rule out the possibility of complications arising. In the event of peripheral organ damage or post-operative haemorrhage or leakage, further operations may be required.

Pre-operative Preparations

It is important to follow below instructions; otherwise your child's operation may be delayed or even cancelled.

1. Good hygiene can prevent wound infection.
2. The procedure and possible complications will be explained by the doctor and a consent form must be signed prior to the operation.
3. Routine tests will be performed before the operation.
4. Please inform the doctor and nurse your child's all past medical history, previous surgical operations, current medication and any complication with drug or anaesthesia.
5. An anaesthetist will visit you and your child to explain to you about the anaesthesia.
6. No food or drink six hours before the operation.
7. Please change into a surgical gown after removing all clothing including undergarments, dentures, jewellery and contact lenses.
8. Please ensure your child's bladder is empty before the operation.

Post-operative Instructions

General

1. After general anaesthesia, the child may:
 - experience discomfort in the throat after tracheal intubation.
 - experience side effects of anaesthesia including feel tired, drowsy, nausea or vomiting. Inform the nurse if symptoms persist or worsen.
2. The stitches can be removed after a week or so without the catheter falling out.

Diet

1. A normal diet may be resumed as instructed after recovery from anaesthesia.
2. The child should drink twice as much fluid as normal for the next 24-48 hours to flush the system through and minimize any bleeding.

Advice on Discharge

1. Medication for pain relief may be taken as needed.
2. Immediately consult your doctor or return to hospital for professional attention in the event of severe wound pain associated with redness and swelling, tenderness, secretion of pus or worsening bleeding from the catheter site, abdominal pain or vomiting, shivering, high fever over 38°C or 100.4°F, or any other unusual symptoms etc.
3. In the event of the catheter falling out, it is very important to insert a new catheter promptly before the track begins to close up.
4. Any follow-up consultations should be attended as scheduled.

Should there be any enquiries or concerns, please consult the attending doctor.

Under the professional care of the doctor, the child will gradually recover. We wish you all the best during your treatment and recovery.

If you (parents) have any questions after reading the entire leaflet, please write them down in the spaces provided in order for the doctor to further follow-up.

Compiled by Union Hospital Operating Theatre (OT) Governance Committee

The above information is for reference only, please enquire your physician for details
Our Hospital reserves the RIGHT to amend any information in this leaflet without prior notification

