

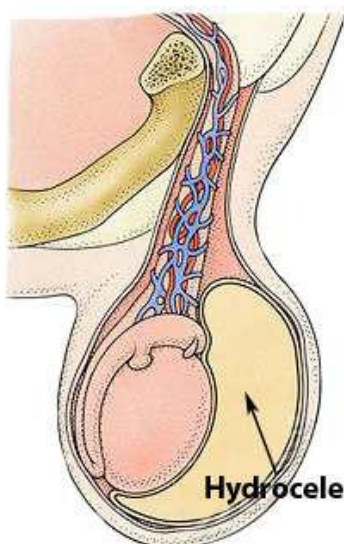
Urology Department

Surgical procedure information leaflet

Name of procedure: **Repair of hydrocele**

It has been recommended that you have surgery to remove or repair a fluid sac surrounding the testicle to prevent further accumulation of fluid. The surgeon will make a small incision in the scrotum and drain the fluid from around the testicle. The remaining sac is then stitched up with absorbable sutures. Occasionally, the surgeon may remove the fluid sac completely.

You may experience discomfort for a few days after the procedure but you will be given painkillers to take home. Absorbable stitches are normally used which do not require removal. You should keep the wound clean and dry for 24 hours. If a dressing is in place, this can be removed following a short bath or shower. We advise you to wear supporting underpants or an athletic support until the swelling and discomfort have settled.



You may feel some lumpiness above or behind the testicle after the procedure. This is common and is often permanent. If you develop a temperature, increased redness, throbbing or drainage at the site of the operation, please contact your GP.

This leaflet explains some of the benefits, risks and alternatives to the operation. We want you to have an informed choice so you can make the right decision. Please ask your surgical team about anything you do not fully understand or want us to explain in more detail.

We recommend that you read this leaflet carefully. You and your doctor (or other appropriate health professional) will also need to record that you agree to have the procedure by signing a consent form, which your health professional will give you.

Benefits of the procedure

The aim of the procedure is to remove or repair a fluid sac surrounding the testicle to relieve symptoms caused by fluid accumulation.

Serious risks

Everything we do in life has risks. The general risks of surgery include problems with:

- breathing (for example, a chest infection);
- the heart (for example, abnormal rhythm or, occasionally, a heart attack); and

- blood clots (for example, in the legs or occasionally in the lung).
- Stroke
- Death

There are some risks associated with this type of surgery. Those specifically related to this procedure include:

Common - Greater than 1 in 10 (10%):

- Swelling of the scrotum lasting several days.
- Seepage of yellowish fluid from the wound several days after surgery.

Occasional - Between 1 in 10 and 1 in 50 (2% - 10%):

- Blood collection around testes which resolves slowly or requires surgical removal.
- Possible infection of the incision or the testis requiring further treatment with antibiotics or surgical drainage.

Rare - Less than 1 in 50 (2%)

- Recurrence of fluid collection.
- Chronic pain in the testicle or scrotum.

Hospital-acquired infection

- Colonisation with MRSA (0.9% - 1 in 110).
- MRSA bloodstream infection (0.02% - 1 in 5000).
- Clostridium difficile bowel infection (0.01% - 1 in 10,000).

The rates for hospital-acquired infection may be greater in high-risk patients, for example those patients

- with long-term drainage tubes;
- who have had their bladder removed due to cancer;
- who have had a long stay in hospital; or
- who have been admitted to hospital many times.

Other procedures that are available

Alternatives to this procedure include observation, removal of the fluid with a needle and other surgical approaches.

Your pre-operative assessment

Before you are admitted for your operation, you may be required to attend for a pre-operative assessment, to ensure that you are fit for surgery. It is important that you attend for this appointment to avoid delaying your surgery.

Not all patients require a detailed pre-operative assessment and a health questionnaire is used to determine which patients require a full assessment. You may therefore be asked to complete a health questionnaire immediately after you have been listed for your surgery. The health questionnaire may be on paper or on a tablet/computer. The information required includes all medical conditions, regular medications, allergies to medications and your previous anaesthetic history. The information you give us will be reviewed by the pre-operative assessment team. If you do not require further assessment you will then be given a date for surgery. If you require further assessment you will be given an appointment to attend the pre-operative assessment clinic.

At the clinic, the nursing staff will confirm the medical information you have previously given. You will likely have an examination of your heart and lungs and some further tests may be required, such as a blood test, X-ray, heart test or lung test. If a more detailed assessment or discussion is required you may see an anaesthetist prior to your admission for surgery. This may require an additional appointment.

If you are taking prescribed medicines please bring a copy of your repeat prescription to your appointment and a copy of the operation consent form (if you were provided with a copy at your out-patient appointment).

Following your assessment, the staff will provide you with written information regarding preparation for your surgery and a point of contact. It is important that you follow the fasting instructions given on your admission letter.

Being admitted to the ward

You will usually be admitted on the day of your surgery. You will be welcomed on to the ward and your details checked. We will fasten an armband containing your hospital information to your wrist.

You will usually be asked to continue with your normal medication during your stay in hospital, so please bring it with you, in the green bag provided for you at pre-operative assessment.

Your anaesthetic

Your surgery will usually be carried out under a general anaesthetic. This means that you will be asleep during your operation and you will feel nothing. Alternatively a spinal anaesthetic (a spinal) may be used for this type of operation.

Before you come into hospital

There are some things you can do to prepare yourself for your operation and reduce the chance of difficulties with the anaesthetic.

- If you smoke, consider giving up for several weeks before the operation. Smoking reduces the amount of oxygen in your blood and increases the risks of breathing problems during and after an operation.
- If you are overweight, many of the risks of anaesthesia are increased. Reducing your weight will help.
- If you have loose or broken teeth or crowns that are not secure, you may want to visit your dentist for treatment. The anaesthetist will usually want to put an airway in your mouth to help you breathe. If your teeth are not secure, they may be damaged.
- If you have long-standing medical problems, such as diabetes, hypertension (high blood pressure), asthma or epilepsy, you should consider asking your GP to give you a check-up.
- If you become unwell or develop a cough or cold the week before your surgery please contact the pre-operative assessment team on the number provided. Depending on your illness and how urgent your surgery is, we may need to delay your operation as it may be better for you to recover from this illness before your surgery.

Your pre-surgery visit by the anaesthetist

- After you come into hospital, the anaesthetist will come to see you and ask you questions about:
 - your general health and fitness;
 - any serious illnesses you have had;
 - any problems with previous anaesthetics;
 - medicines you are taking;
 - allergies you have;
 - chest pain;
 - shortness of breath;
 - heartburn;
 - problems with moving your neck or opening your mouth; and
 - any loose teeth, caps, crowns or bridges.

- Your anaesthetist will discuss with you the different methods of anaesthesia they can use. After talking about the benefits, risks and your preferences, you can then decide together what is best for you.

On the day of your operation

Nothing to eat and drink (nil by mouth)

It is important that you follow the instructions we give you about eating and drinking. We will ask you not to eat or drink anything for six hours before your operation. This is because any food or liquid in your stomach could come up into the back of your throat and go into your lungs while you are being anaesthetised. You may take a few sips of plain water up to two hours before your operation so you can take any medication tablets.

Your normal medicines

Continue to take your normal medicines up to and including the day of your surgery. If we do not want you to take your normal medication, your surgeon or anaesthetist will explain what you should do. It is important to let us know if you are taking anticoagulant drugs (for example, warfarin, aspirin, clopidogrel, persantin or dabigatran).

Your anaesthetic

When it is time for your operation, a member of staff will take you from the ward to the operating theatre. They will take you into the anaesthetic room and the anaesthetist will get you ready for your anaesthetic.

To monitor you during your operation, your anaesthetist will attach you to a machine to watch your heart, your blood pressure and the oxygen level in your blood.

General anaesthetic

General anaesthesia usually starts with an injection of medicine into a vein. A thin plastic tube (venflon) will be placed in a vein in your arm or hand and the medicines will be injected through the tube. Sometimes you will be asked to breathe a mixture of gases and oxygen through a mask to give the same effect.

Spinal anaesthetic

A spinal anaesthetic involves the injection of a local anaesthetic drug through a needle into the small of your back to numb the nerves from the waist down to the toes for 2 – 3 hours. You will be asked to either sit on the side of the bed with your feet on a low stool or lie on your side, curled up with your knees tucked up towards your chest. You will remain awake during this procedure. You may feel some discomfort in your lower back or legs whilst the anaesthetic is being injected. The anaesthetic staff will support and reassure you during the procedure. As the spinal begins to take effect your anaesthetist will measure its progress and test its effectiveness. A spinal should cause you no unpleasant feelings and usually takes only a few minutes to perform. Once the injection is finished you will normally be asked to lie flat as the spinal works quickly and is usually effective within 5 – 10 minutes. Your skin will initially feel numb to touch and your leg muscles will feel weak. Once the injection is working fully you will be unable to move your legs or feel any pain below the waist.

Your anaesthetist will ensure that you are comfortable throughout the procedure.

Pain relief after surgery

Pain relief is important to aid your recovery from surgery. This may be in the form of tablets, suppositories or injections. Once you are comfortable and have recovered safely from your anaesthetic, we will take you back to the ward. The ward staff will continue to monitor you and assess your pain relief. They will ask you to describe any pain you have using the following scale.

- 0 = No pain
- 1 = Mild pain
- 2 = Moderate pain

3 = Severe pain

It is important that you report any pain you have as soon as you experience it.

What are the risks?

The risk to you as an individual will depend on whether you have any other illness, personal factors, such as smoking or being overweight and surgery that is complicated or prolonged.

General anaesthesia is safer than it has ever been. If you are normally fit and well, your risk of dying from any cause while under anaesthetic is less than one in 250,000. This is 25 times less likely than dying in a car accident. The side effects of having a general anaesthetic include drowsiness, nausea (feeling sick), muscle pain, sore throat and headache. There is also a small risk of dental damage.

The side effects of having a spinal anaesthetic are headache, low blood pressure, itching of the skin due to the drugs injected and temporary difficulty in passing urine. Rare complications of a spinal anaesthetic are temporary loss of sensation in your legs, 'pins and needles' or muscle weakness in your legs. Permanent damage to the nerves is very rare.

Your anaesthetist will discuss the risks with you and will be happy to answer any questions you may have.

After your surgery

- You will be taken to the recovery room to the general or day care ward. You will need to rest until the effects of the anaesthetic have worn off. You will have a drip in your arm to keep you well-hydrated.
- Your anaesthetist will arrange for you to have painkillers for the first few days after the operation.
- You will be encouraged to get out of bed and move around as soon as possible, as this helps prevent chest infections and blood clots.
- Your surgical team will assess your progress and answer any questions you have about the operation.

Leaving hospital

Length of stay

How long you will be in hospital varies from patient to patient and depends on how quickly you recover from the operation and the anaesthetic. Most patients having this type of surgery will leave hospital less than one day after the procedure.

Medication when you leave hospital

Before you leave hospital, the pharmacy will give you any extra medication that you need to take when you are at home.

Convalescence

How long it takes for you to fully recover from your surgery varies from person to person. It can take up to two weeks. You should consider who is going to look after you during the early part of this time. You may have family or close friends nearby who are able to support you or care for you in your home during the early part of your recovery period. You might consider going to stay with relatives or you may wish to make your own arrangements to stay in a convalescent home while you recover. After you return home, you will need to take it easy and should expect to get tired to begin with.

Stitches

We will take out any clips or non-dissolving stitches that seal the wound after about 10 days. If you have left hospital before this time, we will arrange for this to be done by a community nurse.

Personal hygiene

You will normally shower while you are in hospital, and this can continue as normal after you leave hospital. Until the area heals, you should not have long baths or showers because this can encourage the stitches to dissolve too quickly and may cause infection.

Diet

You don't usually need to follow a special diet. If you need to change what you eat, we will give you advice before you go home.

Exercise

We recommend that you avoid strenuous exercise and heavy lifting for up to 2-3 weeks. We encourage lighter exercise, such as walking and light housework, as soon as you feel well enough.

Sex

You should avoid sex for 10 days or until any local discomfort has settled.

Driving

You should not drive until you feel confident that you could perform an emergency stop without discomfort – probably at least two weeks after your operation. It is your responsibility to check with your insurance company regarding your insurance cover following an operation.

Work

How long you will need to be away from work varies depending on:

- how serious the surgery is;
- how quickly you recover;
- whether or not your work is physical; and
- whether you need any extra treatment after surgery.

Most people will not be fully back to work for 10-14 days. If you need a medical sick note for the time you are in hospital and for the first three to four weeks after you leave, please ask us.

Outpatient appointment

Outpatient follow-up is not always necessary and your surgeon will discuss arrangements for this as appropriate.

Contact details

If you have any specific concerns that you feel have not been answered and need explaining, please contact the following.

- Alexandra Hospital:
 - Secretaries: 01527 512155
 - Ward 10 Nursing Staff: 01527 512101 or 01527 503030 ext: 42101 or 44072
 - Debbie Ralph, Urology Nurse Specialist: 01527 503030 ext: 45746
 - Jackie Askew, Uro-oncology Macmillan Nurse Specialist: 01527 503030 ext: 44150
- Kidderminster Hospital and Treatment Centre:
 - Secretaries: 01562 513097
 - Penny Templey, Urology Nurse Specialist Lead: 01562 512328
 - Mary Symons, Nurse Specialist – Survivorship Programme: 01562 512328
- Worcestershire Royal Hospital:
 - Secretaries: 01905 760766
 - Helen Worth and Lisa Hammond, Urology Nurse Specialists: 01905 760875

Other information

The following internet websites contain information that you may find useful.

- www.worcsacute.nhs.uk
Worcestershire Acute Hospitals NHS Trust
- www.patient.co.uk
Information factsheets on health and disease
- www.rcoa.ac.uk
Information leaflets by the Royal College of Anaesthetists about 'Having an anaesthetic'
- www.nhsdirect.nhs.uk
On-line health encyclopaedia
- www.baus.org.uk
Information from The British Association of Urological Surgeons

Patient Services Department

It is important that you speak to the department you have been referred to (see the contacts section) if you have any questions (for example, about medication) before your investigation or procedure.

If you have any concerns about your treatment, you can contact the Patient Services Department on 0300 123 1733. The Patient Services staff will be happy to discuss your concerns and give any help or advice.

If you have a complaint and you want it to be investigated, you should write direct to the Chief Executive at Worcestershire Acute Hospitals NHS Trust, Charles Hastings Way, Worcester WR5 1DD or contact the Patient Services Department for advice.

Please contact Patient Services on 0300 123 1733 if you would like this leaflet in another language or format (such as Braille or easy read).

Bengali

“আপনি যদি এই লিফলেটটি বিকল্প কোনো ভাষায় বা ফরমেটে (যেমন ব্রেইল বা সহজ পাঠ) চান, তাহলে এই নম্বরে 0300 123 1733 প্যাসেঞ্জ সার্ভিসের সাথে যোগাযোগ করুন।”

Urdu

“اگر آپ کو یہ دستی اشتہار کسی متبادل زبان یا ساخت میں چاہیے (جیسے کہ بریل / ایڑی ریڈ) تو پبلیشمنٹ سروسز سے 0300 123 1733 پر رابطہ کریں۔”

Portuguese

“Por favor, contacte os Serviços de Apoio ao Paciente através do número 0300 123 1733, caso precise deste folheto numa língua alternativa ou formato (como Braille / fácil de ler).”

Polish

“Jeżeli pragniecie Państwo otrzymać tę broszurę w innym języku lub formacie (Braille / duży druk) proszę skontaktować się z Obsługą Pacjentów pod numerem 0300 123 1733.”

Chinese

“如果您需要此份傳單的其他語言選擇或其他版本 (如盲人點字版/易讀版容易的閱讀) 請致電 0300 123 1733 與病患服務處聯繫。”

Comments

We would value your opinion on this leaflet, based on your experience of having this procedure done. Please put any comments in the box below and return them to the Clinical Governance Department, Finance Department, Worcestershire Royal Hospital, Charles Hastings Way, Worcester, WR5 1DD.

Name of leaflet: _____ Date: _____

Comments:

Thank you for your help.