DRAINAGE OF THE PENIS FOR PRIAPISM

Procedure Specific Information

What is the evidence base for this information?
This publication includes advice from consensus panels, the British Association of Urological Surgeons, the Department of Health and evidence-based sources. It is, therefore, a reflection of best urological practice in the UK. It is intended to supplement any advice you may already have been given by your GP or other healthcare professionals. Alternative treatments are outlined below and can be discussed in more detail with your Urologist or Specialist Nurse.

What does the procedure involve?
Deflation of the penis for a prolonged, painful erection

What are the alternatives to this procedure?
Conservative treatment with compression and ice packs

What should I expect before the procedure?
You will usually have been admitted to hospital as an emergency. Surgery is required on an urgent basis but will only be performed once you have had nothing to eat or drink for a minimum of 4 hours.

Under certain circumstances, it may be possible to deflate your erection using simple drugs or by asking you to run up and down a flight of stairs; this shunts the blood away from your penis to your legs. If these measures fail, however, you will need to proceed with surgery.

A pre-medication will normally be prescribed by the anaesthetist 1-2 hours before the surgery; this will make you dry-mouthed and pleasantly sleepy

Please be sure to inform your surgeon in advance of your surgery if you have any of the following:
• an artificial heart valve
• a coronary artery stent
• a heart pacemaker or defibrillator
• an artificial joint
• an artificial blood vessel graft
• a neurosurgical shunt
• any other implanted foreign body
a regular prescription for Warfarin, Aspirin or Clopidogrel (Plavix®)
a previous or current MRSA infection
a high risk of variant-CJD (if you have received a corneal transplant, a
neurosurgical dural transplant or previous injections of human-derived
growth hormone)

At some stage during the admission process, you will be asked to sign the second part of
the consent form giving permission for your operation to take place, showing you
understand what is to be done and confirming that you wish to proceed. Make sure that
you are given the opportunity to discuss any concerns and to ask any questions you may
still have before signing the form.

Fact File 1 • The NHS Constitution

Same-Sex Accommodation

As a result of the new NHS constitution, the NHS is committed to providing same-
sex accommodation in hospitals by April 2010. This is because feedback from
patients has shown that being in mixed-sex accommodation can compromise their
privacy. The NHS pledges that:

- sleeping and washing areas for men and women will be provided
- the facilities will be easy to get to and not too far from patients' beds

To help accomplish this, the Department of Health has announced specific
measures designed to "all but eliminate mixed-sex accommodation" by 2010. These include:

- more money for improvements in hospital accommodation
- providing help and information to hospital staff, patients and the public
- sending improvement teams to hospitals that need extra support
- introducing measures so that the Department can see how hospitals are
progressing

What happens during the procedure?

Normally, a full general anaesthetic will be used and you will be asleep throughout the
procedure. In some patients, the anaesthetist may also use an epidural anaesthetic which
improves or minimises pain post-operatively.

Wide-bore catheters are inserted through the head of the penis to remove the clotted blood
that has built up. These clots are washed out until the blood is flowing clear again.

If this fails to deflate the erection, it is best simply to wait for the erection to subside in its
own time. However, this means that you are unlikely to get erections again and, for this
reason, we normally consider penile implants at a later stage to restore erections.
What happens immediately after the procedure?
In general terms, you should expect to be told how the procedure went and you should:

- ask if what was planned to be done was achieved
- let the medical staff know if you are in any discomfort
- ask what you can and cannot do
- feel free to ask any questions or discuss any concerns with the ward staff and members of the surgical team
- ensure that you are clear about what has been done and what is the next move

It is inevitable your penis will be very bruised and swollen after the procedure.

Any small stitches inserted into the head of the penis will dissolve by themselves and do not require removal.

Once it is clear that your erection has not returned, you will be allowed home.

The average hospital stay is 2 days.

Are there any side-effects?
Most procedures have a potential for side-effects. You should be reassured that, although all these complications are well-recognised, the majority of patients do not suffer any problems after a urological procedure.

Common (greater than 1 in 10)
- Bruising and swelling of the penis
- Recurrence of the painful erection (especially if it is drug-induced)

Occasional (between 1 in 10 and 1 in 50)
- Inability to obtain erections (impotence) after the procedure
- Infection of the penis
- Bending of the penis on erection due to scar tissues as a result of the procedure

Rare (less than 1 in 50)
- Need for penile implants (prostheses) if the erection cannot be made to subside by surgical measures

Hospital-acquired infection
- Colonisation with MRSA (0.9% - 1 in 110)
- Clostridium difficile bowel infection (0.2% - 1 in 500)
- MRSA bloodstream infection (0.08% - 1 in 1250)
The rates for hospital-acquired infection may be greater in high-risk patients e.g. with long-term drainage tubes, after removal of the bladder for cancer, after previous infections, after prolonged hospitalisation or after multiple admissions.

What should I expect when I get home?
By the time of your discharge from hospital, you should:

- be given advice about your recovery at home
- ask when to resume normal activities such as work, exercise, driving, housework and sexual intimacy
- ask for a contact number if you have any concerns once you return home
- ask when your follow-up will be and who will do this (the hospital or your GP)
- ensure that you know when you will be told the results of any tests done on tissues or organs which have been removed

When you leave hospital, you will be given a “draft” discharge summary of your admission. This holds important information about your inpatient stay and your operation. If you need to call your GP for any reason or to attend another hospital, please take this summary with you to allow the doctors to see details of your treatment. This is particularly important if you need to consult another doctor within a few days of your discharge.

It will be at least 14 days before the discomfort in your penis settles but you may return to work when you are comfortable enough and your GP is satisfied with your progress. You should refrain from sexual intercourse for a minimum of 6 weeks to allow complete healing.

What else should I look out for?
There will be marked swelling of the penis after a few days. This will last up to 10 days and will then subside but do not be alarmed because this is expected. If you develop a temperature, increased redness, throbbing or drainage at the site of the operation, please contact your GP.

If there is a recurrence of the painful erection, you should return to hospital immediately.

Are there any other important points?
You will normally receive a follow-up outpatient appointment for 6-8 weeks after the procedure. At that stage, it may be necessary to discuss the insertion of penile implants (prostheses) if this becomes necessary. However, it may take longer than 8 weeks for erection problems to become apparent and, if this happens, we will arrange a further appointment for you.

In patients whose painful erection has been induced by injectable drugs, alternative methods of obtaining erections will be discussed. If your problems have been precipitated
by taking certain drugs by mouth, it will be necessary to look at your drug regime critically to avoid drugs which are known to cause this problem.

**Driving after surgery**

It is your responsibility to ensure that you are fit to drive following your surgery. You do not normally need to notify the DVLA unless you have a medical condition that will last for longer than 3 months after your surgery and may affect your ability to drive. You should, however, check with your insurance company before returning to driving. Your doctors will be happy to provide you with advice on request.

**Is there any research being carried out in this area?**

Before your operation, your surgeon or Specialist Nurse will inform you about any relevant research studies taking place, and, in particular, if any surgically-removed tissue may be stored for future study. If this is the case, you will be asked if you wish to participate and, if you agree, to sign a special form to consent to this.

All surgical procedures, even those not currently the subject of active research, are subjected to rigorous clinical audit so that we can analyse our results and compare them with those of other surgeons. In this way, we can learn how to improve our techniques and our results; this means that our patients will get the best treatment available.

**Who can I contact for more help or information?**

For further information on the internet, here are some useful sites to explore:

- www.rcseng.ac.uk/patient_information/internet_sources
- www.patient.co.uk
- www.patientinformation.org.uk
- www.rcoa.ac.uk (for information about anaesthetics)
- www.prodigy.nhs.uk.PILs
- www.nhsdirect.nhs.uk
- www.besttreatments.co.uk

**What should I do with this information?**

Thank you for taking the trouble to read this publication. If you wish to sign it and retain a copy for your own records, please do so below. If you would like a copy of this publication to be filed in your hospital records for future reference, please let your Urologist or Specialist Nurse know. However, if you do agree to proceed with the scheduled procedure, you will be asked to sign a separate consent form which will be filed in your hospital record. You will, if you wish, be provided with a copy of this consent form.

I have read this publication and I accept the information it provides.

Signature...............................................................       Date..........................................
How can I get information in alternative formats?
Please ask your local NHS Trust or PALS network if you require this information in other languages, large print, Braille or audio format.

Most hospitals are smoke-free. Smoking increases the severity of some urological conditions and increases the risk of post-operative complications. For advice on quitting, contact your GP or the NHS Smoking Helpline free on 0800 169 0 169

Disclaimer
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Fact File 2 • The NHS Constitution
Patients’ Rights & Responsibilities

The constitution, as a result of extensive discussions with staff and the public, sets out new rights for patients which will help improve their experience within the NHS. These new rights include:

- a right to choice and a right to information that will help them make that choice
- a right to drugs and treatments approved by NICE when it is considered clinically appropriate
- a right to certain services such as an NHS dentist and access to recommended vaccinations
- the right that any official complaint will be properly and efficiently investigated, and that they be told the outcome of the investigations
- the right to compensation and an apology if they have been harmed by poor treatment

The constitution also lists patient responsibilities, including:

- providing accurate information about their health
- taking positive action to keep themselves and their family healthy
- trying to keep appointments
- treating NHS staff and other patients with respect
- following the course of treatment that they are given
- giving feedback, both positive and negative, after treatment