

Video-Urodynamics (1 of 3)

What is Video-Urodynamics?

Video-urodynamics (VUD's) is an X-ray examination of your bladder to show how it is functioning. This may be altered following a spinal cord lesion. Your Spinal Consultant has requested this test for you.

Why do I need VUD's?

It is a very useful test and tells us the type of bladder you have and the best way to manage it. It also shows up potential problems, e.g. incomplete emptying of the bladder, which can lead to infections, or reflux where the urine causes back pressure on the kidneys. It can also tell us if further intervention or medication is necessary.

There is no special preparation needed prior to this test, you can eat and drink normally.

If nearer to your appointment date you think you may have a urinary tract infection please contact the Pressure Clinic for advice

What is the procedure?

When you get to the X-Ray Department you will be asked to transfer onto the X-ray table. If you are unable to do this you will be hoisted directly onto the x-ray table.

If your level is T6 and above there is a risk of Autonomic Dysreflexia. A cuff will be placed around your arm to measure your blood pressure.

If you are at risk of Autonomic Dysreflexia please bring your medication e.g. Nifedipine capsules or GTN spray.

A small water-filled balloon is inserted into the rectum. This records the internal pressure in your rectum. If you have a urethral catheter or sheath this will then be removed. **Suprapubic catheters do not require removal for the procedure.** The catheter will need to be closed by either using a flip flow valve or spigot. A line will then be inserted into the bladder via the urethra. If urethral access is not possible then the urethral line can be 'piggy backed' on to the suprapubic catheter. This will be undertaken by a Consultant or Urologist.

A small catheter will be inserted into your bladder through which a clear fluid that shows up on X-ray is passed. This will then enable the internal pressure of your bladder to be measured.

The clear fluid enables your bladder to show up on X-ray. During filling,

The Pressure Clinic
Tel: 01722 429291



If you need your information in another language or medium (audio, large print, etc) please contact Customer Care on 0800 374 208 or send an email to: customercare@salisbury.nhs.uk

You are entitled to a copy of any letter we write about you. Please ask if you want one when you come to the hospital.

Please complete The Friends & Family Test to tell us about your experience at: www.salisbury.nhs.uk/FriendsFamily or download our App from the Apple App store or Google Play Store.

The evidence used in the preparation of this leaflet is available on request. Please email: patient.information@salisbury.nhs.uk if you would like a reference list.

Name: Mel Williams
Role: Pressure Clinic
Date written: April 2004
Review date: April 2021
Version: 4.1
Code: PI0798

your bladder may show varying degrees of activity, or no activity. This will help determine your future bladder management.

A Consultant or Senior Radiographer will explain and discuss the results with you.

At the end of the procedure the rectal balloon and catheter will be removed.

If necessary a condom or indwelling catheter will be replaced.

How long will the procedure take?

The video-urodynamics test should take approximately 1 – 1½ hours.

Will I have an injection?

You will usually have an antibiotic injection of Gentamicin (unless you have an allergy to this antibiotic) – to help prevent infection. This will be given during the procedure.

How will I get the result?

The procedure is run by either a Spinal Consultant or Senior Radiographer. It is usually possible to discuss your preliminary results during your appointment. Video-Urodynamic results are discussed at a weekly bladder meeting with a Consultant Urologist. The Consultant Urologist will determine the best way forward for your bladder management. Your Spinal Consultant and/or G.P will be informed about this. If you would like a copy of any correspondence please let the staff know.

Who else will be in X-ray?

As well as the Consultant there may be a doctor from the Spinal Centre, the Radiographer, and a Spinal Centre nurse. Occasionally, students and other staff members may attend Video-Urodynamics. We will always gain your consent for them to observe the procedure.

Are there any side effects?

If your level is T6 and above it is possible that you may get Autonomic Dysreflexia. If this occurs the procedure will be stopped and the Dysreflexia dealt with. The test will continue if possible.

Menstruation

If you have a period at the time of the examination it will not affect the results. However, if you would prefer another appointment date, this can be arranged.

Pregnancy

If there is any chance you may be pregnant, please let us know before the procedure takes place.

How you will be able to help

It is necessary to have an adequate amount of contrast in your bladder to enable it to show up on the screen. If you are on condom drainage you may need to tap your bladder prior

The Pressure Clinic

Tel: 01722 429291

to the procedure. If you do SIC you will be asked to pass a catheter at the beginning of the procedure.

Please bring with you any urinary appliance you may need, e.g. catheter, condom, leg bag, stoma supplies etc.

Please can you make sure that your bowel care is carried prior to your appointment according to your usual routine.

This will make certain that your rectum is empty for the procedure. This will allow the monitor to accurately record rectal pressure readings.

If you would like to discuss any of this further please contact Pressure Clinic on (01722) 429291.