

Micturating Cystourethrogram

Patient Information



What is a Micturating Cystourethrogram?

A Micturating Cystourethrogram is an x-ray procedure that provides information about the structure and function of the urinary bladder and lower urinary tract. The procedure examines the bladder, which stores urine, and the urethra, which is a tube that takes urine out of the body. In this test, images are taken while the patient is passing urine. The test is designed to see whether the flow of urine from the bladder is consistent or not.

Passing urine is also called micturating or voiding and hence the test may also be called Micturating Cystourethrogram (MCUG) or Voiding Cystourethrogram (VCUG).

How do I prepare for the procedure?

- Take your medicines, as prescribed.
- Inform your doctor if you have any allergies or have had a bad reaction to any procedure in the past.
- Tell your doctor, if you are taking any blood thinning medications, as these may need to be stopped.
- Get a urine D/R test done before the procedure. You are required to bring the report on the day of the procedure.
- You can eat and drink as usual before the procedure.
- Make sure that you have your doctor's prescription and relevant medical/radiology records available with you during your visit for the procedure.

What will happen during the procedure?

- You will be asked to lie on your back on an x-ray table.
- The genital area will be cleaned with an antiseptic solution.
- A small, flexible tube, called catheter, will be gently inserted into the urethra and advanced up the bladder.
- Once the catheter is in place, a contrast agent will be injected.
- The doctor will examine the bladder on the screen and take x-ray images.
- You may be asked to change positions to get all relevant images.
- You will be required to pass urine while still on the table. This process will help your doctor examine your bladder and urethra for any abnormalities.

What will happen after the procedure?

- You can resume your normal activities immediately after the test.
- You may feel a burning sensation while passing urine for the next 2 days.

Contact your doctor if you experience any of the following problems;

- Blood in urine
- Pain in lower abdomen
- Urge to urinate more frequently

- Urine leakage
- Reddish, pinkish, cloudy and/or foul-smelling urine
- Pain in the back on one or both sides
- Fever
- Feeling or being sick (nausea or vomiting)
- Allergic reactions including, itching, redness, difficulty breathing, swelling or dizziness.

Will the procedure hurt?

You may feel mild pain as the catheter is inserted. Insertion of contrast agent in the bladder may also cause slight discomfort. However, this discomfort will go away quickly.

How do I schedule an appointment?

The Radiology department reception takes appointments 24/7. Alternatively, call our Contact Centre at 021-111-911-911.

Please Note:

- Please arrive 15 minutes before the scheduled time for registration and other formalities. Late arrival may result in a delay or rescheduling of the appointment.
- Patients requiring urgent care may be given priority. This may cause a slight delay in your examination. Your cooperation in this regard will be highly appreciated.
- If there is a possibility that you might be pregnant, inform your physician prior to the test. Your doctor may postpone or cancel the test.
- It is advisable to bring an attendant with you.
- If you have any queries please contact us at 021-111-911-911.