



CYSTOMETRIC STUDY

WHAT IS IT?

A cystometric study evaluates bladder function and can confirm whether a bladder muscle or bladder nerve problem exists.

WHAT CONDITIONS IS IT DESIGNED TO TREAT?

A cystometric study is used to diagnose diminished bladder capacity, voiding problems caused by a neurologic condition such as spinal cord injury, stroke, or multiple sclerosis, and other causes of bladder dysfunction.

HOW IS THE PROCEDURE DONE?

A cystometric study is a series of steps. In the first step, the patient will be asked to urinate. The patient will lie down and a small catheter will be placed in the bladder. A cystometer, which measures bladder pressure, is connected to the catheter. Gradually, the bladder will be filled with water. The bladder volume will be measured. When the patient feels the need to void, the bladder is full. The above measurements will be taken again and the catheter removed. A cystometric study determines the bladder's ability to hold in and push out fluid. There may be slight discomfort during the procedure including pain, sweating, nausea, and flushing as well as an urgent need to void. In general, the symptoms are minor.

ARE THERE OTHER SIMILAR PROCEDURES?

Uroflowmetry: In this test the amount of urine, force and continuity of the flow, and time required to completely void will be measured.

WHAT ARE THE POTENTIAL RISKS?

Potential risks include developing or spreading an existing urinary tract infection and discomfort.

WHAT ARE SPECIAL INSTRUCTIONS AFTER THE PROCEDURE?

Patients can return to normal activities immediately. Generally, a single dose of an antibiotic is given to help prevent the development of a urinary tract infection. If the patient notices any bleeding or develops signs of an infection such as fever and chills, they should contact a physician immediately.

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Date Published: 2000-09-21

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