



UROLOGICAL ASSOCIATES OF SAVANNAH, P.C.

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www.urologysavannah.com

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Urodynamics

If you will be unable to keep your scheduled appointment, kindly provide three (3) days of notice as the next scheduled patient needs two (2) days to prepare for the test. You will be charged a fee of \$100.00 for cancellations or no-shows (illness excluded). Please phone the office at (912)790-4000 (Monday thru Friday) or the Urodynamics Nurse at (912) 790-4027 (Monday thru Thursday).

INSURANCE VERIFICATION

Our office will call your insurance company to verify eligibility and benefits.

WHAT IS URODYNAMICS?

Urodynamics is a series of tests that evaluate how well your bladder is working. The tests involve inserting a catheter into your bladder and rectum

GENERAL INFORMATION

- You do not need to have someone drive you. You may eat and drink before the test.
- Take all medication as usual. If you are taking Detrol (Tolterodine), Ditropan (Oxybutynin), Sanctura (Trospium), Enablex (Darifenacin), Vesicare (Solifenacin), Toviaz (Fesoterodine), Gelnique (Oxybutynin), Myrbetriq (Mirabegron), or Oxytrol (Oxybutynin) or Gemtesa (Vibegron), please stop your medication three (3) days prior to your appointment.
- Please inform the nurse if you have allergies to latex. If you have symptoms of a urinary tract infection the day of the test, the test may need to be rescheduled to a later date.
- There are no needles involved in the test. Please wear something comfortable. You will only have to remove your clothes from the waist down. If you are cold-natured, bring a sweater and a pair of socks.

INSTRUCTIONS FOR URODYNAMICS

- Drink enough fluids thirty (30) minutes prior to your test so that you arrive with a full bladder. (Not over full to the point you are in pain or cannot hold your urine.)
- At the time of scheduling, please notify the Urodynamics Nurse if you have mitral valve prolapse or any prosthesis in order for our office to provide you with the proper antibiotics prior to the testing. If you take antibiotics before the dentist, or other tests, then you will need antibiotics before the urodynamics test. Please let your doctor's nurse know which antibiotic you usually take.

URODYNAMICS TEST

The test itself causes very little discomfort. You will be here about 1 ½ hours which includes the nurse going over your questionnaire with you and setting up your next appointment for a conference with your physician.

-Laurel Adkins, RN - Urodynamics Nurse (912) 790-4027

Detrusor Instability Score

Please Circle

Item	Responses	Score
1. Feeling of urgency to urinate before urinary leakage (strong need to urinate hits you all at once)	No	0
	Mild	1
	Strong	2
2. Involuntary loss of urine during sudden physical exertion	Yes	0
	Also in other circumstances	2
3. Involuntary loss of urine after physical exertion	Immediately	0
	After a few seconds	2
4. Amount of urine escaped	Small	0
	Moderate	1
	Large	2
5. Ability to stop voiding (can you stop your stream once it has started?)	Yes	0
	No	2
6. Painful sensation during voiding	Yes	2
	No	0
7. Urgent need to void in haste; anxiety related to voiding	No	0
	Mild	1
	Strong	2
8. Frequency of daytime voiding	5 times or less	0
	6-7 times	1
	8 or more times	2
9. Frequency of nighttime voiding	0 - 1 times	0
	2-3 times	1
	4 times or more	2
10. Previous urinary tract infection requiring antibiotic treatment	0 - 1 times	0
	2 or more times	1
	Chronic UTI	2

* Score of 7 or higher indicate increased likelihood of detrusor instability.

Patient's Name: _____ Date of Birth: _____

INCONTINENCE QUESTIONNAIRE:

1. What is your primary complaint?
 - a) Urinary leakage
 - b) Dribbling after urination
 - c) Frequent urination
 - d) Poor/Weak stream
 - e) Inability to postpone urination
 - f) Bladder infections
2. What is your secondary complaint? Please check all that apply.
 - a) Pain with urination
 - b) Inability to urinate
 - c) Can only pass small amounts of urine at one time
 - d) Night time urination
 - e) Other
3. Approximately how often do you urinate during the day?
 - a) Every half hour or less
 - b) Every hour
 - c) Every two (2) hours
 - d) Every three (3) or more hours
4. On average, what is the longest time you go without urinating during the day?
 - a) about an hour
 - b) about two (2) hours
 - c) about three (3) hours
 - d) about four (4) hours
 - e) more than four (4) hours
5. If you cannot postpone urination, please state why.
 - a) Pain
 - b) A fear of leaking
 - c) Pain and fear of leaking
6. On average, how often do you urinate at night?
 - a) never
 - b) once
 - c) 2-3 times
 - d) 4 or more times at night

12. Do you leak during any of the following activities? (Check all that apply).
- a) not applicable
 - b) lifting
 - c) jumping
 - d) sneezing
 - e) walking
 - f) running
 - g) coughing
 - h) laughing
 - i) sports
 - j) going from a sitting to a standing position
13. Do you wear pads for protection against accidental urine loss?
- a) yes
 - b) no
14. Please indicate number used on an average day and how wet the pads are when you change them?
- | How many: | How wet: |
|----------------------|-----------|
| a) 1-3 pads a day | a) Damp |
| b) 4-7 pads a day | b) Moist |
| c) More than 7 a day | c) Wet |
| | d) Soaked |
15. If you do not wear pads, how wet are you when you lose urine?
- a) Few drops
 - b) Would have to change underwear
 - c) Would have to change outerwear
 - d) Not applicable
16. How do you start your urinary stream?
- a) easily
 - b) have to push and strain
 - c) some delay before stream starts
 - d) cannot start stream at will
17. How would you describe your stream?
- a) Very weak
 - b) Intermittent (starts and stops)
 - c) Dribbling
 - d) Not as strong as it used to be
 - e) Strong

NAME: _____

Time	Void in Toilet	Leak with Activity	Leak with Urge	Urgency No Leak	Other Cause for Leak	Fluid I drank	New Pad or Underwear Applied
Midnight-12:30am	cc					OZ	
12:30am-1:00am	cc					OZ	
1:00am-1:30am	cc					OZ	
1:30am-2:00am	cc					OZ	
2:00am-2:30am	cc					OZ	
2:30am-3:00am	cc					OZ	
3:00am-3:30am	cc					OZ	
3:30am-4:00am	cc					OZ	
4:00am-4:30am	cc					OZ	
4:30am-5:00am	cc					OZ	
5:00am-5:30am	cc					OZ	
5:30am-6:00am	cc					OZ	
6:00am-6:30am	cc					OZ	
6:30am-7:00am	cc					OZ	
7:00am-7:30am	cc					OZ	
7:30am-8:00am	cc					OZ	
8:00am-8:30am	cc					OZ	
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10:30am-11:00am	cc					OZ	
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11:30am-12:00pm	cc					OZ	
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9:30pm-10:00pm	cc					OZ	
10:00pm-10:30pm	cc					OZ	
10:30pm-11:00pm	cc					OZ	
11:00pm-11:30pm	cc					OZ	
11:30am-Midnight	cc					OZ	

Please keep a record of your urinary output for 24 hours. Make sure this is done during your regular schedule and normal intake of fluids. Mark the hours that you are sleeping. You may start the test anyday prior to your urodynamics test. Start the test anytime during the day and continue for the next 24 hours. Record all fluid intake and ALL LEAKS as well.

Name: _____

Time	Void in Toilet	Leak with Activity	Leak with Urge	Urgency No Leak	Other Cause for Leak	Fluid I drank	New Pad or Underwear Applied
Midnight-12:30am	cc					OZ	
12:30am-1:00am	cc					OZ	
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9:00pm-9:30pm	cc					OZ	
9:30pm-10:00pm	cc					OZ	
10:00pm-10:30pm	cc					OZ	
10:30pm-11:00pm	cc					OZ	
11:00pm-11:30pm	cc					OZ	
11:30pm-Midnight	cc					OZ	

Please keep a record of your urinary output for 24 hours. Make sure this is done during your regular schedule and normal intake of fluids. Mark the hours that you are sleeping. You may start the test anyday prior to your urodynamics test. Start the test anytime during the day and continue for the next 24 hours. Please record all fluid intake and leaks as well.



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URODYNAMIC TESTING CONSENT

DEFINITION

Urodynamic testing is a sophisticated office-based procedure used to help diagnose problems with urination and/or urinary incontinence. Although we may have a good understanding of the underlying problem following a complete history and physical examination, urodynamic testing helps increase the accuracy of our working diagnosis. In other instances, it may uncover a completely unexpected finding. The test is short, very minimally invasive, and typically yields very useful information.

PREPARATION

There is no particular preparation for a urodynamics test. In certain circumstances, we may request that you arrive with a full bladder so that we may do an initial 'uroflow'. The uroflow portion of the test is simply where you urinate into a special receptacle so that our equipment can calculate the pattern and force of your stream.

PROCEDURE

The actual procedure typically takes less than an hour. Once your bladder is empty, we will ask you to sit down on the examination chair. A very thin catheter is gently inserted through the urethra (the tube through which you urinate) and into your bladder. With the insertion, you may feel a very slight sting or pinch. Next, a similar catheter may be inserted into the rectum or the vagina. Once the catheters are secure in place, we will begin the test. The catheters are attached to computers so that we may gather data about how your bladder and urethra function. Your bladder is slowly filled with water until you tell us that you are 'full' and have a need to urinate or bladder pressures rise. Throughout the filling, we will be speaking with you so that you describe the sensations you are having as your bladder fills. You will notice that we are simultaneously watching the graphs and numbers on the computer. When you are full, we will ask you to urinate and empty your bladder into a special container. Once you finish voiding, the catheters are removed and the test is over.

POST PROCEDURE

After the procedure, you might have a little stinging in the urethra until the next time you urinate. In some patients, it may last a bit longer. If there was any resistance to the passage of the catheter, you may even see a tiny blood discoloration of your urine. You have no restrictions after the test and may return to work if you choose.

POSSIBLE COMPLICATIONS

Urinary Tract Infection or Urosepsis (bloodstream infection): Even from a minor procedure, it is possible for you to get an infection with bacteria that typically cause urinary tract infections. It may be a simple bladder infection that presents with symptoms of burning urination, urinary frequency and a strong urge to urinate. This will usually resolve with a few days of antibiotics. If the infection enters the bloodstream, you may feel very ill. This type of infection often presents with the urinary symptoms and any combination of the following: fevers, shaking chills, weakness or dizziness, nausea and vomiting.

Blood in the Urine: In some patients, placing the catheters within the bladder will cause a very small amount (microscopic) of bleeding; even in fewer patients visible bleeding will be noticed in the urine. In almost all instances, the urine clears on its own over the next day or so.

Having read this form, my signature below acknowledges that I voluntarily give my authorization and consent to the performance of the procedure described above.

PATIENT PRINTED NAME

PATIENT'S SIGNATURE

WITNESS

DATE SIGNED

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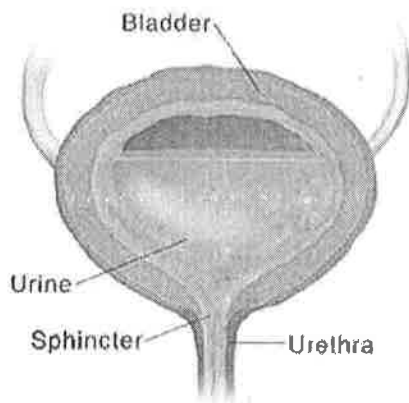
Understanding Urodynamics Studies

Urodynamics studies are a series of tests that give your healthcare provider a close look at the working of your bladder, urethra, and pelvic muscles. The tests can help your provider learn about any problems you have storing urine or peeing.

Understanding the lower urinary tract

The lower part of the urinary tract has several parts.

- The bladder stores urine until you're ready to release it.
- The urethra is the tube that carries urine from the bladder out of the body.
- The sphincter is made up of muscles around the opening of the bladder. The sphincter muscles tighten to hold urine in the bladder. They relax to let urine flow. Signals from the brain tell the sphincter when to tighten and relax. These signals also tell the bladder when to contract to let urine flow out of the body.



The bladder holds urine until it leaves the body through the urethra.

Why you need a urodynamics study

You may need this test if you:

- Leak urine (are Incontinent)
- Have a bladder that doesn't empty all the way.
- Have symptoms such as the need to pee often or a constant strong need to pee
- Have a urine stream that's weak or that stops and starts (intermittent)
- Have persistent urinary tract infections

Getting ready for the study

- Tell your healthcare provider about any medicines you're taking. This includes prescription and over-the-counter medicines. It also includes any vitamins, herbs, or other supplements. Ask if you should stop them before the study.
- Keep a diary of your bathroom habits. Do this for a few days before the study. This diary can be a helpful part of the evaluation.
- Ask if you need to arrive for the study with a full bladder.

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Having a Urodynamics Study



The equipment used for the study varies depending upon the facility and what tests are done.

Urodynamic studies are tests that evaluate the bladder, sphincters, and urethra and their ability to store and release urine. They may be done in your healthcare provider's office, a clinic, or a hospital. The studies may take up to an hour or longer. This depends on which tests you have. The tests are generally painless. A small tube (catheter) will be placed into your bladder and in your rectum. You won't need sedating medicine.

Tests that may be done

- **Uroflowmetry.** This measures the amount and speed of urine you void from your bladder. You urinate into a funnel. It's attached to a computer that records your urine flow over time. The amount of urine left in your bladder after you urinate may also be measured right after this test.
- **Cystometry.** This test evaluates how much your bladder can hold. It also measures how strong your bladder muscle is. And how well the signals work that tell you when your bladder is full. Your healthcare provider fills your bladder with sterile water or saline solution, through a catheter. Your provider will instruct you to report any sensations you feel. Mention if they're similar to symptoms you've felt at home. Your provider may ask you to cough, stand and walk, or bear down during this test.
- **Electromyogram.** This helps evaluate the muscle contractions that control urination, such as sphincter muscle contractions. Your healthcare provider may put electrode patches or wires near your rectum or urethra to make the recording. He or she may ask you to try to tighten or relax your sphincter muscles during this test.
- **Pressure flow study.** This test measures your detrusor, urethral, and abdominal pressures. Detrusor is the muscle around the bladder walls. It relaxes to let your bladder fill. And it contracts to squeeze out urine. A pressure flow study is often done after cystometry. You're asked to urinate while a probe in your urethra measures pressures.
- **Video cystourethrography.** This takes video pictures of urine flow through your urinary tract. It can help find blockages or other problems. The bladder is filled with an X-ray contrast fluid. Then X-ray video pictures are taken as the fluid is urinated out. Ultrasound imaging may also be combined with routine urodynamic studies.
- **Ambulatory urodynamics.** This test can be used to evaluate you while doing normal activities.

Getting your results

After the study, you'll get dressed and return to the consultation room. Test results may be ready soon after the study is finished. Or you may go back to your healthcare provider's office in a few days for your results. You can talk with your provider about the study report and your treatment options.