# Centers of Excellence at Chesapeake Urology

THE EXPERTISE PATIENTS NEED TO MANAGE URINARY INCONTINENCE



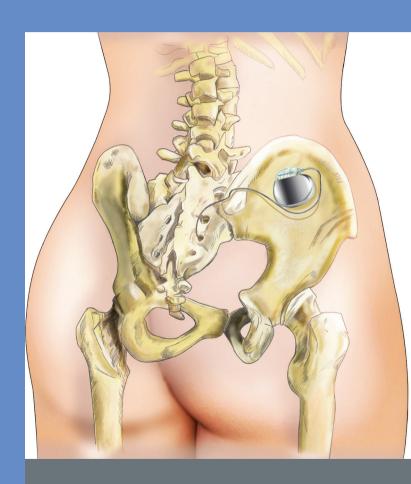




To schedule an appointment with one of our Centers of Excellence in sacral neuromodulation therapy for the treatment and long-term management of overactive bladder symptoms or for Bulkamid Hydrogel treatment for female stress incontinence, visit chesapeakeurology.com or call 855-405-7100.



chesapeakeurology.com



Chesapeake UROLOGY\*

Millions of Americans live with urinary incontinence. Approximately 75% of those who have urinary leakage are women.

About 1 out of every 6 women aged 45+ lives with some degree of urinary incontinence which causes not just medical issues but emotional, psychological, and social problems as well.

Approximately 40 to 50 million people (men and women) in the U.S. have overactive bladder (OAB).

About 1 in 3 adult women have stress urinary incontinence (SUI), which is the most common type of bladder control problem among women.

Urinary incontinence becomes more prevalent as adults age, but this condition is NOT a normal part of aging. There are treatment options available.



# Centers of Excellence: Expertise for the Treatment of Urinary Incontinence

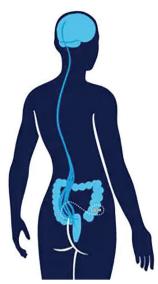
Several of our continence specialists are recognized as Centers of Excellence in sacral neuromodulation therapy for the effective management of overactive bladder and urethral bulking for the treatment of urinary leakage caused by female stress urinary incontinence.

#### What does this designation mean for patients?

The Center of Excellence designation recognizes the urologist's expertise, the quality of their patient outcomes, and their continued commitment to improving the lives of patients suffering from bladder and/or bowel incontinence symptoms.

### About Sacral Neuromodulation Therapy For OAB

For patients living with overactive bladder, sacral neuromodulation (SNM) is a proven therapy that targets the communication problem between the brain and the nerves that control the bladder. If those nerves are not communicating correctly, patients can experience urinary urgency and frequency, or leakage of urine associated with urgency.



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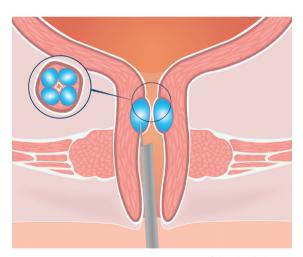
Sacral neuromodulation uses a small, implantable neurotransmitter device that can be compared to a pacemaker. SNM stimulates the sacral nerves with mild electrical pulses to modulate the signals with the brain. This treatment is safe and effective and is a viable option for patients who have not had success with behavioral modifications and/or medications for OAB.

Patients are typically started with a basic nerve evaluation that does not require surgery. If the patient experiences symptom improvement during the evaluation, an internal sacral neuromodulation device may be surgically placed for long-term therapy. There are different manufacturers of these SNM implantable devices that offer rechargeable and charge-free long-life (10 to 20 years) batteries. The appropriate sacral neurostimulator device can be decided based on patient or physician preference.

#### Urethral Bulking for Female Stress Urinary Incontinence

Stress urinary incontinence (SUI), the involuntary leakage of urine, occurs most often in women. Bulkamid is a minimally invasive, effective treatment for female SUI when other first-line therapies have been unsuccessful.

Bulkamid® Hydrogel Therapy is a soft hydrogel, also known as a urethral bulking agent, that acts as a barrier to prevent urine leakage. Consisting of 97.5% water, the hydrogel is natural and safe for the body. Delivered in an office-based setting under local anesthetic, a scope is directed into the urethral opening and the Bulkamid hydrogel is injected under the lining of the urethra, providing additional volume to help prevent urine leakage from the bladder.



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## Meet Our Centers of Excellence



Laura L. Giusto, MD Continence Center, Owings Mills, Westminster

Sacral Neuromodulation Therapy and Bulkamid Hydrogel Treatment for Female SUI



Kelly C. Johnson, MD Towson Sacral Neuromodulation Therapy



Kenneth F. Langer, MD Columbia / Saint Agnes Sacral Neuromodulation Therapy



Victoria R. Staiman, MD Columbia / Towson Sacral Neuromodulation Therapy



Kathleen A. Sterling, MD Bethesda Sacral Neuromodulation Therapy