



Bulkamid™
Urethral Bulking System

A unique bulking agent
for the treatment of
stress urinary incontinence



A safe and effective treatment option¹

Boston Scientific offers a portfolio of solutions to treat stress urinary incontinence (SUI) – giving you confidence to treat patients with their preferred treatment option.



Unique composition

Non-particulate homogeneous hydrogel consisting of 97.5% water and 2.5% cross-linked polyacrylamide¹



Precision delivery system

Allows for reproducible placement of the Bulkamid cushions under direct vision²



Long-lasting treatment option

In one study of 388 Bulkamid patients, 81% of patients did not undergo a procedure other than Bulkamid treatment over the course of the 7-year study³

Understanding Bulkamid’s unique composition

There are two classes of urethral bulking agents:

Non-particulate homogenous gels

Particulate combination gel or liquids

Bulking effect due to the volume injected⁴

Bulking effect due to the inflammatory response and volume of microparticles⁴

Host cells enter the hydrogel and form a lasting network of fine fibers, which anchor the gel in situ⁴

Size of each cushion is variable and dependent on patient’s tissue response⁴

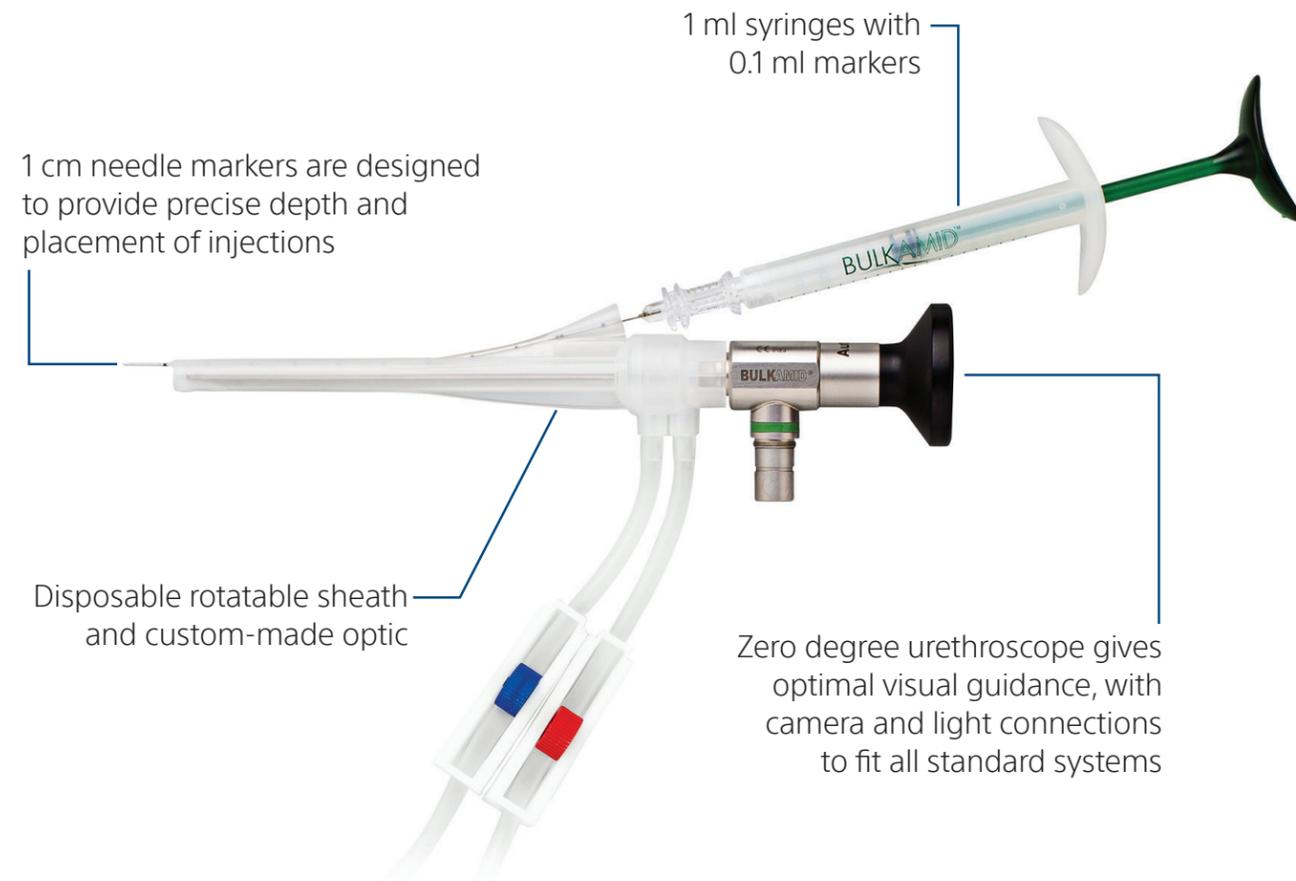
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Homogenous hydrogel consisting of 97.5% water and 2.5% cross-linked polyacrylamide¹

Particulate agents include the use of silicone elastomer microparticles (Macroplastique®), calcium hydroxyapatite particles (Coaptite®), and pyrolytic carbon coated graphite beads (Durasphere®)^{5,6,7}

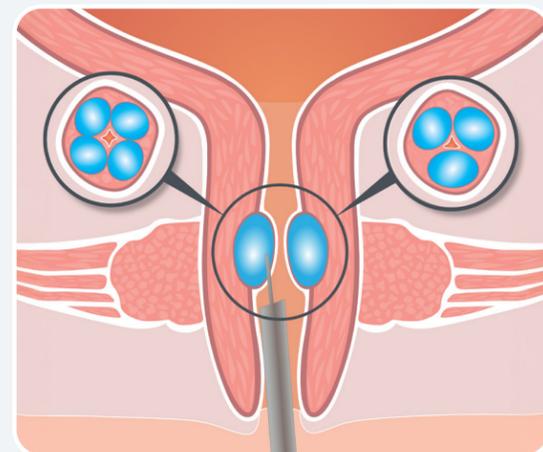
Bulkamid is a unique and innovative bulking agent for the treatment of female SUI.⁴

Precision delivery system



Procedural technique

The procedure involves 3–4 injections that usually take about 20 minutes under local anesthesia.⁸



Clinical support



90–93%

As seen in two studies, as many as 90-93% of women who saw results with Bulkamid would recommend it to a friend^{10,11}

77–83%

In four studies, Bulkamid led to a 77-83% reduction in incontinence episodes at 12 months^{12,13,14,15}



83–84%

Across 2 studies, Bulkamid patients showed an 83-84% reduction in incontinence episodes 24 months after initial treatment^{12,16}

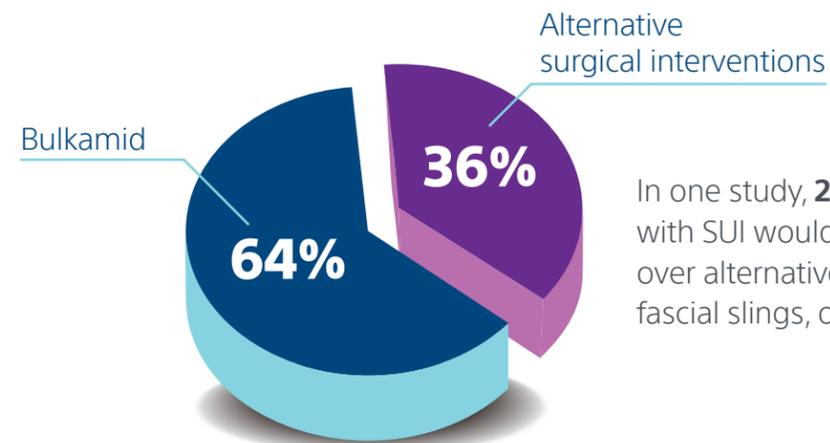


67%

In a long-term study, 67% of women reported symptom improvement at 7 years following Bulkamid injection³



One study's patient perspective on Bulkamid



In one study, **212 women (64%)** diagnosed with SUI would choose Bulkamid for treatment over alternatives such as mid-urethral slings, fascial slings, or colposuspensions.¹⁷

Bulkamid may be offered to appropriately selected and counseled patients as a primary SUI treatment.¹⁸

Other options for the treatment of stress incontinence include pelvic floor physiotherapy, or options such as slings (a polypropylene tape inserted via a small incision into the vagina to support the urethra), and colposuspension (the bladder neck is lifted up using stitches with an open or a keyhole abdominal procedure).¹⁸



Bulkamid single use devices

Product description and code	Contents	
Bulkamid urethral bulking system (Bulkamid kit) Code: 50050	2x 1ml Bulkamid syringes	
	2x 23G, 12cm needles	
	1x Bulkamid rotatable sheath	

Bulkamid reusable devices

Product description and code	Contents	
Bulkamid sterilization container Code: OM-1000-CI		
Bulkamid cystoscope with accessories Code: 41-0152A	Zero-degree Bulkamid cystoscope with universal connections	
	Universal adapters to fit all light cables	
	Protection sheath for transportation	

References:

1. P170023B Bulkamid PMA.
2. Bulkamid Scope IFU
3. Brosche T, Kuhn A, Lobodasch K, Sokol ER. Seven-year efficacy and safety outcomes of Bulkamid for the treatment of stress urinary incontinence. *NeuroUrol Urodyn*. 2021;40:502-508.
4. Chapple C, Dmochowski R. Particulate versus non-particulate bulking agents in the treatment of stress urinary incontinence. *Res Rep Urol*. 2019;11:299-310.
5. Macroplastique Instructions for Use.
6. Coaptite Instructions for Use.
7. Durasphere Instructions for Use.
8. Bulkamid IFU
9. AUGS Voices for PFD. Fact Sheet on Urethral Bulking Agents.
10. Köseoğlu E, Kılıç M, Acar Ö, Tarcan T. Minimally invasive treatment of female stress urinary incontinence with polyacrylamide hydrogel (Bulkamid®): outcomes of a contemporary Turkish cohort including cases with mixed urinary incontinence and previously failed prior surgery. *J Urol Surg*. 2023;10:334-340.
11. Itkonen Freitas A-M, Isaksson C, Rahkola-Soisalo P, Mentula M, Mikkola TS. Tension-free vaginal tape versus polyacrylamide hydrogel injection for stress urinary incontinence—5-year follow-up. *NEJM Evid*. Epub 2025 Apr 22.
12. Pai A, Al-Singary W. Durability, safety and efficacy of polyacrylamide hydrogel (Bulkamid®) in the management of stress and mixed urinary incontinence: Three year follow up outcomes. *Cent European J Urol*. 2015;68:428-433.
13. Leone Roberti Maggiore U, Alessandri F, Medica M, Gabelli M, Venturini PL, Ferrero S. Outpatient periurethral injections of polyacrylamide hydrogel for the treatment of female stress urinary incontinence: effectiveness and safety.
14. Leone Roberti Maggiore U, Alessandri F, Medica M, Gabelli M, Venturini PL, Ferrero S. Periurethral injection of polyacrylamide hydrogel for the treatment of stress urinary incontinence: the impact on female sexual function. *J Sex Med*. 2012;9(12):3255-3263. *Arch Gynecol Obstet*. 2013;288(1):131-137.
15. Lose G, Sorensen HC, Axelsen SM, Falconer C, Lobodasch K, Safwat T. An open multicenter study of polyacrylamide hydrogel (Bulkamid®) for female stress and mixed urinary incontinence. *Int Urogynecol J*. 2010;21:1471-1477.
16. Toozs-Hobson P, Al-Singary W, Fynes M, Tegerstedt G, Lose G. Two-year follow-up of an open-label multicenter study of polyacrylamide hydrogel (Bulkamid®) for female stress and stress-predominant mixed incontinence. *Int Urogynecol J*. 2012;23:1373-1378.
17. Dwyer L, Weaver E, Rajai A, Cox S, Reid F. "Voice your choice": A study of women's choice of surgery for primary stress urinary incontinence. *Int Urogynecol J*. 2020;31:769-777.
18. IUGA SUI Patient Information Leaflet.

Bulkamid™

Urethral Bulking System



[Bulkamid Urethral Bulking System and Bulkamid Cystoscope Brief Summary](#)
[Bulkamid Indications, Safety, and Warnings - Boston Scientific](#)

For complete instructions on the use of Bulkamid, please refer to the Bulkamid Instructions for Use. For complete instructions on the use of the Bulkamid Cystoscope, please refer to the Bulkamid Cystoscope IFU.

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

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