

STIMSITE™

SMOOTH MUSCLE STIMULATION SYSTEM

**Make surgery safer and more efficient.
Enable real-time ureter location and identification.**

Each year in the U.S., there are millions of minimally invasive pelvic surgeries during which ureter identification is often challenging, time-consuming, resource intensive and costly. For these reasons, current technologies are used in fewer than 13% of cases. Yet, ureter injury is a serious complication, independently associated with higher mortality, morbidity¹ and...



4 days

longer length of stay¹



\$31,497

higher hospital charges¹



\$0

reimbursement adjustment

\$62-133

average OR cost per minute²

\$12/min

average cost of anesthesia³

\$205

average cost per ureteral stent⁴

The legal implications are also staggering. The median award in medical litigation for ureter injury was **\$552,822.96**, with 90.8% of claims deemed **"intraoperative negligence"**.⁵

"...ninety-nine percent in 'high-risk' specialties (largely surgical or heavily procedure-oriented specialties) will be sued by the age of sixty-five."⁶



The Risk is Real. In 7 million pelvic surgeries globally per year...



1.2%

incidence of ureter injury
in surgical procedures⁷

50%

prevalence is reported in
gynecologic procedures⁷

700,000

hysterectomies annually in
the U.S.⁸ potentially at risk

"If there are risk factors that increase the risk of injury, attempts should be made to identify the ureter intraoperatively (ideally through visualization, palpation, or through expert assistance)."⁹

Now, there is an FDA-cleared technology that provides surgeons with a **simple, seamless and safe** way to locate and identify the ureter during pelvic operations: **StimSite™ Smooth Muscle Stimulation System**.





StimSite™

Simple, Seamless & Safe

Advantages of Integrating StimSite Technology

Improve Quality & Lower Risk	Boost Confidence & Independence	Reduce Cost of Partnership	Eliminate Waiting; On-demand Access	Lower Consumption & Waste
Real-time ureter identification vs. up to 45 min in some cases ⁴	Does not require a urology consult	No capital equipment required	Ureter Identification and mapping the ureter "on demand"	Always available, only "used" when foot pedal activated
Reduce the risk of ureter injury and to avoid costs of complications	Surgeon accesses electrical stimulation "on demand"	Consignment or rental equipment options	Address lengthy laparoscopic anatomical ureter search ⁴	4 hours of continuous procedure use; one low procedure price
Help avoid insurance reimbursement issues due to injury	Avoid unnecessary stent; save \$205 cost per stent ⁴	No minimum orders	Address operative procedure delays and extensions ⁴	Easy to use or not as the procedure and surgeon dictate
Eliminate the need to time-consuming and costly consults	No dyes, injections, or pharmaceuticals	No service contracts	Fits snugly in current lap or robotic tower configuration	Small activation card is only disposable (4 grams and 4 cm squared)
Provide an alternative to lengthy dissection	Seamless OR integrations, always available to surgeon	Works with current OR instrumentation	Address OR turnaround delays	Two factor activation with button and foot pedal
Supplemental technology to experience and anatomical landmarks	Reduce "stress, anxiety, and apprehension" by simplifying ureter identification ¹⁰	No, low inventory costs	Ureter stimulation may activate urine jets during cystoscopy saving time	No service fees, warranty costs, or contracts

StimSite is Easy to Try in Your OR



- There is **no charge** for the StimSite signal box.
- Allotrope Medical also provides set-up, brief training, and support at **no cost**.
- Purchase the StimSite Activation Card, preloaded with **10 procedures**.
- **The estimated cost per procedure is only \$200.***
- A procedure is decremented from the card only when activated or used in a case.
- Once activated, the technology is available for **four continuous hours**.
- Additional cards can be purchased as needed.

Ordering Information

STIMSITE™ SIGNAL BOX	AM 101	STIMSITE™ ACTIVATION CARD	AM 2101	Manufacturer: Allotrope Medical Inc. FDA Information: Class II; FDA Cleared November 10, 2020
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* Pricing is for illustrative purposes. Cost may vary and subject to change.

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4. Redan, J.A., et al. *Protect the Ureters*. JSLs (2009)13:139-141.
5. Bole R, et al. *Malpractice Litigation in Iatrogenic Ureteral Injury: a Legal Database Review*. Urology. 2020 Dec;146:19-24.
6. Dearmin M.S. *Experience is Treacherous: An Intimate View of the Physician's Experience of Adverse Patient Outcomes and Malpractice Litigation*, 29 Health Matrix 357 (2019)
7. Sooter, M.D. et al. *Currently available and experimental dyes for intraoperative near-infrared fluorescence imaging of the ureters: a systematic review*. Tech Coloproctol. 2019;23(4):305-313.
8. Wright, J.D., et al. *Nationwide Trends in the Performance of Inpatient Hysterectomy in the United States*. Obstet Gynecol. 2013 Aug; 122(2 0 1): 233-241.
9. Jacob, G. P., et al. *Ureteric Injury During Gynaecological Surgery—Lessons from 20 Cases in Canada*. Facts, Views & Vision in Obgyn 12.1 (2020): 31.
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ALLOTROPEMEDICAL

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Please see StimSite System
Users Guide – Instructions for
Use for complete information.