

Stimulate ureteral peristalsis for greater predictability and efficiency in pelvic procedures



Clinicians are short on time and under pressure to stay on schedule. The Stimsite™ Smooth Muscle Stimulation System is designed to give you the ability to streamline pelvic surgery.

URETER VERIFICATION

Confirm that an anatomical structure is the ureter by inducing a peristaltic response through your existing bipolar instruments at the push of a foot pedal.

URETER AWARENESS

Maintain full awareness of ureter location throughout the case by inducing spontaneous ureter peristalsis. Facilitates navigation and dissection.

PREDICTABLE CYSTOSCOPIES

Reduce waiting and uncertainty in cystoscopy times (time to urine jets) via increased frequency of spontaneous peristalsis.

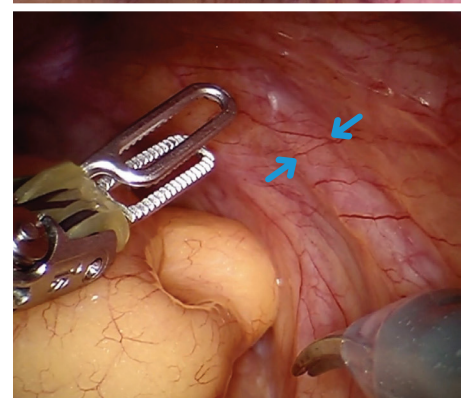
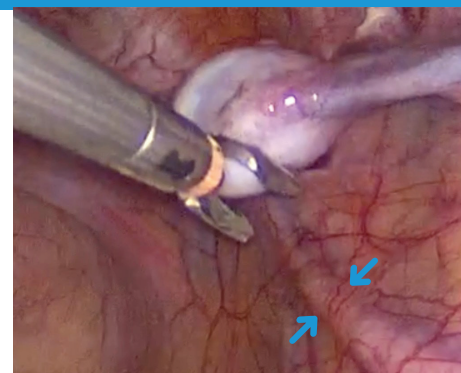
MEDICOLEGAL DOCUMENTATION

Document in operative report that StimSite was used intraoperatively to confirm ureter location and identity.

StimSite enhances your existing instruments

THE STIMULATION SIGNAL IS:

- A 1/4 second impulse that activates a safe, visible and physiologic ureteral contraction.
- Delivered through existing bipolar instruments (laparoscopic and robotic) so no instrument exchanges are required.
- Initiated by the surgeon with a foot pedal for seamless integration into OR workflow.
- Leads to increased frequency of spontaneous ureteral peristalsis throughout the case to increase ureteral awareness.





"At the beginning of the operation, StimSite was used to verify and visualize the ureters and ureter pathway starting at the pelvic brim."

Inspection of the pelvis showed a normal uterus, ovaries, and tubes. The right fallopian tube was cauterized using the PK bipolar cautery and was ligated using the hot shears. The utero-ovarian ligament was also cauterized and the ovary was dissected away from the uterus. The left fallopian tube was cauterized posteriorly. The uterine fundus was closed with a suture of 0 Vicryl. The skin was closed with 4-0 Monocryl using subcuticular sutures. Steri-Strips were placed. The final needle, sponge, and instrument count was correct. The patient tolerated the procedure well. Patient to the recovery room in good condition.

Discover how StimSite can enhance your surgical experience: allotropemed.com

Brief Summary

1.1 Intended Use

StimSite™ is used in an operating room clinical setting by General and OBGYN Surgeons trained in laparoscopy. The device is used intermittently during laparoscopic surgeries in the lower abdomen as directed by the physician to confirm ureter location and identity. Intended to provide electrical stimulation to smooth muscle tissue to locate and identify smooth muscle and test its excitability.

1.2 Indications for Use

StimSite is a non-sterile device intended to provide electrical stimulation to ureter smooth muscle tissue to help locate and identify ureters by testing ureter smooth muscle excitability.

1.3 Contraindications

Use of the device on tissues other than smooth muscle, e.g. cardiac tissue, skeletal muscle, or motor nerves is contraindicated. Use of the device on the central nervous system (brain, meninges, spinal cord, and cerebrospinal fluid) is contraindicated. Use other than for laparoscopic surgery or surgery with direct visualization is contraindicated. Transcutaneous stimulation is contraindicated. Use on patients with active implanted stimulators including but not limited to pacemakers, defibrillators, sacral nerve stimulators and diaphragm pacers is contraindicated.

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



Northgate Technologies, Inc.



ALLOTROPEMEDICAL

**2450 Holcombe Blvd., Suite X
Houston, TX 77021
www.allotropemed.com**

For more information on Northgate Technologies, Inc.:
Call: 1-800-348-0424 inside U.S.A. | 1-847-608-8900
Fax: 1-847-608-9505 outside of the U.S.A

Visit ntisurgical.com | Email: customerservice@ntisurgical.com
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