

ADVANCED ENERGY APPLICATIONS IN MINIMALLY INVASIVE GYNECOLOGIC SURGERY

Tuesday, March 28, 2017

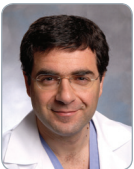
4:00 pm PST / 7:00 pm EST

 **LIVE ONLINE WEBINAR**

Please join us for this exclusive online webinar event, led by Antonio Gargiulo, MD. This live webinar will focus on the emerging data supporting the use of advanced energy technology in minimally invasive gynecologic surgery.

Webinar attendees will receive vital knowledge about the clinical benefits of CO₂ laser energy, including the following:

- Greater dissection capabilities with minimal-to-no increase in thermal injury resulting in significantly less tissue damage¹
- No adhesion formation, immediately and throughout the healing phase²
- Applicability to a wide variety of GYN cases



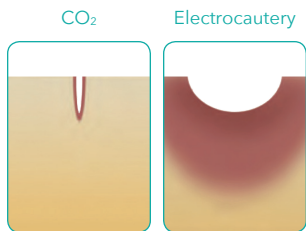
ANTONIO GARGIULO, MD

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ADVANCED SOLUTIONS FOR GYNECOLOGY



**10x less
thermal spread**

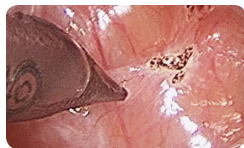
Histological Assessment of Urothelial/Epithelial Injury³

Surgical Site	Bipolar Cautery	Monopolar Cautery	Ultrasonic Scalpel	CO ₂ Laser
Ureter	5/6	5/6	4/6	0/6
Bladder	2/3	1/3	0/3	0/3
Rectum	3/3	3/3	1/3	0/3
Total	10/12	9/12	5/12	0/12

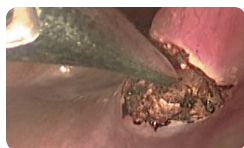
No urothelial/epithelial injury to the Ureter, Bladder or Rectum when using CO₂ energy versus upwards of 10, 9, 5 with Bipolar, Monopolar, and Ultrasonic respectively.

Safe, reliable energy delivery for a wide variety of procedures including but not limited to endometriosis, adhesiolysis, ovarian cysts, and myomas.

LAPAROSCOPIC



Endometriosis
Ablation of Endometriosis



Adhesions
Dense Uterine Adhesion

ROBOTIC



Endometriosis
Ablation at 4 watts

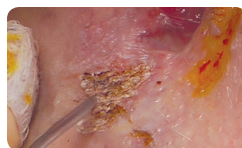


Myomectomy
Layer by layer dissection at 8 watts

LOWER GENITAL TRACT



Vulvar Condyloma
Excision at 16 watts



Vulvar Condyloma
Ablation at 12 watts

- Bailey A, Lancerotto L, Gargiulo A. Greater Surgical Precision of a Flexible Carbon Dioxide Laser Fiber Compared to Monopolar Electrosurgery in Porcine Myometrium. AM J Obstet Gynecol. 2014; 21:1103-1109.
- Bellina JH, Hemmings R, Voros JI, Ross LF. Carbon Dioxide laser and electrosurgical wound study with an animal model: a comparison of tissue damage and healing patterns in peritoneal tissue. AM J Obstet Gynecol. 1984;148:327-334.
- Tulikangas PK, Smith T, Falcone T, Boparai N, Walters MD. Gross and histologic characteristics of laparoscopic injuries with four different energy sources. Fertil Steril, 2001 Apr;75(4):806-10

For more information call
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