



Lasers for Gynecology

VELAS Pro

Type	VELAS Pro	
Wavelength	980nm	
Maximum Power	30W	60W
Operation Mode	Cw, Single or Repeat Pulse	
Pulse Duration	10μs-10s	10ms-10s
Repetition Rate	0.05Hz-20KHz	0.05Hz-50Hz
Pilot Beam	Red Diode Laser Of 635nm, Power< 5mW	
Control Mode	True Color Touch Screen	
Warranty	12 months free warranty, 5 years technical support	
Weight	75Kg	



ABOUT GIGAA

GIGAALASER is specializing in the design, manufacture and sale of medical diode lasers and accessories. Our products cover some disciplines of human, dental and veterinary medicine. For each discipline, a broad range of high quality accessories is available.

We have a strong emphasis on research and development, production, service and training. Working in conjunction with hospitals and physicians is just as important as good communication.

During April 2010, GIGAALASER have completed a new financing platform for cooperation. The Biolake which is China's largest medical bio-industry base has regarded our company as the largest manufacturer of medical diode laser systems and offered us new investment. We will take full advantage of this new platform, using the development, production, financial, human and other resources to accelerate the development. We will continue to provide new medical technology and good service to our honorable customers.



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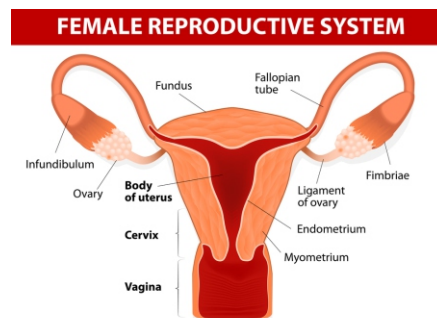
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GYNECOLOGY SURGERY

The use of laser technology in gynaecology has become widespread from the early 1970's by the introduction of CO2 lasers for the treatment of cervical erosions and other colposcopy applications. Since then, many advancements in laser technology have been made, and several other types of lasers are now available, including the latest semiconductor diode lasers.

Today, the trend to perform outpatient procedures and minimally invasive treatments lead to the development of very valuable applications in outpatient hysteroscopy using standard diagnostic instruments to resolve minor or more complicated conditions right in the office with the help of state of the art fiber optics.

Using standard diagnostic hysteroscopes and specially designed fibers you can vaporize in contact polyps and myomas. Laser energy does not contract the lining muscle tissues which results in a procedure performed with minimal pain and requiring only minimal local anesthesia. The treatment is done using continuous flow which provides a clean environment. Laser energy allows for precise control of the tissue vaporization with no bleeding and immediately visible results.



Colposcopy Applications

- HPV lesions
- Cysts of the mucosa
- Cervical intraepithelial neoplasia
- Fornix and cupola pathologies
- Ectopic lesions
- Benign erythroplakia

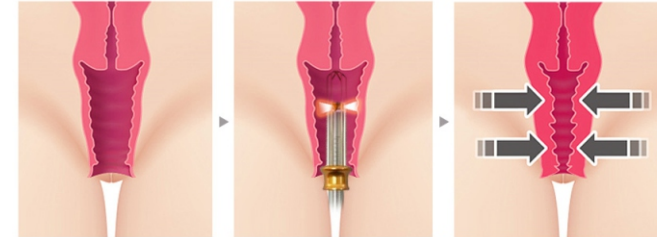
Laparoscopic Laser Treatments

- Adhesions
- Endometriosis
- Fallopian tube microsurgery
- Ectopic pregnancy
- Dysfunctional uterine bleeding
- Resection of uterine septum
- Ablation of the uterosacral ligaments
- Ovarian drilling (PCOS)
- Hysterectomy



Laser Vaginal Tightening

The vagina can lose collagen or tightness due to childbirth, aging or gravity. We called it Vaginal Relaxation Syndrome (VRS), it is both a physical and psychological problem for women and often their partners. These changes can be reduced by the use of a special laser that is calibrated to work on vaginal tissues. By delivering the right amount of laser energy the collagen in vaginal tissues is increased as well as its blood flow. This creates a greater feeling of tightness as well as an increase in vaginal lubrication.



Usually 3-5 sessions are recommended. No special pre-op preparation or post-op precautions are necessary. Each involves the application of heat inside and around the vaginal opening to tighten skin and mucosa (moist intra vaginal skin). Patients can immediately return to their normal everyday activities.

Advantages

- Non-ablative, stimulating collagen vaginal remodeling pain free procedure
- Lunch break procedure at the Gynecology clinic (10-15 min)
- 360° scanning scope, easy-to-perform, and safe procedure
- Efficient and long lasting results
- No need for anesthetics with Non-invasive
- Improves vaginal dryness and stress urinary incontinence

Laser Vaginal rejuvenation procedure is a plastic gynecological procedure which involves restoration and transformation of anatomy and anatomical functionality of the vagina in order to achieve more desirable experience during sexual life. During the procedure the diameter of the vaginal canal is adjusted according to patients' needs and prior environmental or physical impact. The procedure also restores, tightens and improves the overall tone of vaginal walls and may improve the anatomical functionality. In order to satisfy the needs of every patient, an individualized consultation and attention is conducted prior to surgical intervention.

It is also an additional procedure which is performed using a laser technology to create vaginal ridges (rugae) in the vaginal mucosa. In addition to transformation of the vaginal surface, it also results in narrowing of the vaginal canal.

