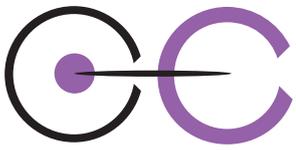


Motorized
endoscope positioner
and uterus positioner

VIKY[®]
BY ENDOCONTROL

Control
at the command
of your voice.

At last.



VIKY EP Laparoscopy under control



VIKY EP is a motorized endoscope positioner for laparoscopic surgery. You are now in command of the camera's position.

VIKY EP improves the quality of endoscopic images:

- **Provides stable and reliable** view of the operating field.
- **Eliminates camera shake** and associated eye fatigue.
- **Limits contact** between the endoscope and the patient's organs.
- **Memorizes key positions** of the endoscope for easy recall during procedure.

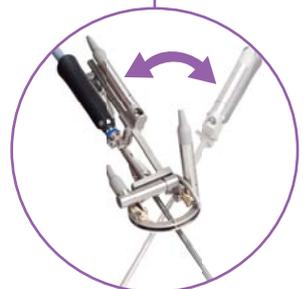
Full mobility

Forward/Backward
Up/Down
Lateral

Fully compatible
with all types
of endoscopes
and trocars

Easily fixed
onto the operating table rail

Available in 3 sizes: XS - M+ - XL
depending on clinical application



Clinical applications



- Gynecological, urological and general laparoscopic surgery with VIKY M+
- Pediatric and thoracic laparoscopic surgery with VIKY XS, with a smaller diameter
- Single-incision laparoscopic surgery with VIKY XL, with a larger diameter

VIKY, it's first and foremost...



Full control by multilingual voice activation or foot activation



Ability to memorize key positions



A system that frees the assistant to perform other tasks



Easy to use and set up



Fixed onto the operating table rail, adjustable during surgery



Light and ergonomic



Compatible with other existing devices



Cost-effective



Autoclavable

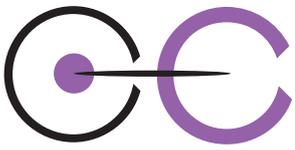
Clinical applications



- Hysterectomy
- Myomectomy
- Sacrocolpopexy
- Endometriosis treatment

References:

- Pandalai S, Kavanagh DO, Neary P. Robotic assisted laparoscopic cholecotomy. Ir Med J. 2010 June.
- F. Escobar P, Knight J, Kroh M, Chalikhonda S, Kaouk J, Stein R. Single-port hysterectomy with pelvic lymph node dissection in the porcine model: feasibility and validation of a novel robotic lightweight endoscope positioner. Gynecol Surg. 2011 June 07.
- Jarry J, Moreau Gaudry A, Long J-A, Chipon E, Cinquin P, Faucheron J-L. Miniaturized robotic laparoscope-holder for rectopexy: first results of a prospective study. J Laparoendosc Adv Surg Tech A. 2013 April.



VIKY UP Safe Gynecological Surgery



VIKY UP is a motorized uterus positioner for gynecological laparoscopic surgery. You are now in command of uterus positioning. This system offers the advantages of robotic surgery without changing your operating practices.

VIKY UP improves the quality of uterus positioning:

- Optimum uterus mobilization (**anteversion, retroversion or lateral exposure**).
- **Proper traction is maintained on the uterus** for accurate dissection and to keep unwanted structures out of the operating field.
- **Memorizes key positions** for effective uterus mobilization.



Motorized endoscope positioner and uterus positioner



With VIKY, surgeons control the position of the endoscope or the uterus directly, without the help of an assistant. Designed to be fully reliable. Light, ergonomic and easy to use, VIKY revolutionizes minimally-invasive surgery.



Testimonials from surgeons



**Dr. Dominique Gossot, thoracic surgery
Institut Mutualiste Montsouris (Paris, France)**

"Within the thoracic surgery department of l'Institut Mutualiste Montsouris, we think that the safety of a thoracoscopic surgery relies on perfect imaging and exposition. Having the best camera is not enough, very often, the image is unsteady or degraded because of a dirty endoscope. That is why we have been using a static endoscope positioner for several years. Until now, we haven't found an adequate system, because no device was adapted to the movements of the operating field view, especially for zooming in and out.

VIKY endoscope positioner meets our expectations: quick set up, ability to operate without any conflict with instruments, perfectly stable image, control by voice or foot activation which enables surgeon to change depth of field or endoscope inclination by himself without the help of an assistant."

**Dr. David Klifa, urological surgery
Clinique Saint George (Nice, France)**

"I have been using the VIKY arm for 8 years and I have fully adopted it.

Not only is it very simple to use, the endoscope also remains remarkably stable throughout the procedure, which is impossible to achieve when an assistant holds the camera. With VIKY, I am the one controlling the endoscope with precision and flexibility. I currently use VIKY for most of my laparoscopic procedures."

**Dr. John Dulemba, gynecological surgery
Denton Regional Medical Center (Denton, USA)**

"Working with both robots makes it possible to control the camera, the instruments and the movements of the uterus positioner simultaneously.

VIKY provides a perfect view of the patient's anatomy. The uterus is grasped firmly and proper upward traction is maintained throughout the procedure. The system's voice control allows me to stay focused and work steadily, as I can position the uterus exactly how I want it, without having to get up from the console or continually ask my assistant to readjust the position."

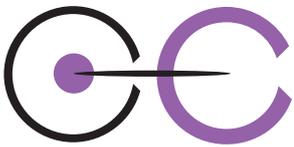
Since its creation, ENDOCONTROL has remained focused on its mission: to make the surgeons' work as easy as possible for the benefit of patients. We know that minimally-invasive procedures are associated with numerous constraints: surgeons do not control what they see directly, and their assistants perform repeated and tiring actions which cause camera shake and suboptimal traction on anatomical structures. These constraints are potential sources of improvement.

I analyzed each one of these points to develop a stable, ergonomic, easy and reliable solution. This solution is called VIKY.

VIKY required many years of research with my team and our academic partners. VIKY provides optimized control of intra-abdominal visual field, as well as direct repeated control of tissue exposure for gynecological procedures. It is the new generation motorized assistant.

VIKY, a product range set to grow.

Clément Vidal
President of ENDOCONTROL



Since its creation in 2006, ENDOCONTROL focused on making complex, near impossible, surgical techniques feasible all at the patient's benefit. Specializing in motorized assistance for laparoscopy, ENDOCONTROL is constantly developing new systems. Innovative devices providing greater precision for surgical procedures and greater comfort for the operator, helping the trend towards less invasive procedures for patients. Distributed worldwide, the JAIMY and VIKY ENDOCONTROL ranges are pushing the limits, and minimizing minimally invasive surgery.

VIKY System

Control unit

Product code
CX0807



Voice control set

Product code
ECVS0701



Foot pedal

Product code
UF0701



Set VIKY

Ring	XS	M+	XL
	BX0901	BX0701	BX0802

Motor set	M+/XL	XS
	MX0701	MX0901

Passive arm + extension

Product code
BR0701

Sterilization tray	XS	M+	XL
	SB0901	SB0701	SB0802



EP template ring

Product code
GX0701

EP/UP adapter	10mm	5mm	VCare	Donnez	ManipulatOR PRO
	AT0701	AF0701	AV1501	AD0903	AM0903

Clamp

Product code
KX0807



ENDOCONTROL
2, avenue de l'Obiou
38700 La Tronche. France.
T +33 (0)4 28 38 08 01.
F +33 (0)4 28 38 08 02.
www.endocontrol-medical.com

VIKY CE. Class I. This device is designed for healthcare professionals. VIKY is indicated for minimally-invasive surgical procedures. Please read carefully the instructions for use supplied with the product and the product label.

Manufactured by ENDOCONTROL. Amended: 06/2017

Non-binding document
Brochure_VIKY_201706_EN