



**EUROPEAN LEVEL OF CONDUCTING  
THE SCIENTIFIC AND PRACTICAL  
SURGICAL WORKSHOPS**

**SWISS UNIVERSITY CLINIC  
THE CENTRE OF CLINICAL AND EXPERIMENTAL SURGERY**

**MASTERCLASSES IN SURGERY, GYNECOLOGY, PROCTOLOGY, UROLOGY**



## Partner Clinics

The Centre of Clinical and Experimental Surgery was opened in November 2009. Over the period of its work, there have been conducted more than 400 scientific and practical workshops (in Saint-Petersburg, Belgorod, Moscow, Arkhangelsk, Rostov-on-Don, Krasnodar, Dnepropetrovsk - Ukraine, Astana - Kazakhstan, Samara, and other cities), which were attended by about 3,700 students.

- "Hopital De La Tour", Geneva, Switzerland
- The International Centre of Endoscopic Surgery (CICE), Clermont-Ferrand, France
- European Institute of Telesurgery (EITS), Strasbourg, France
- AIMS Academy, Milan, Italy
- "Sapienza" University, Rome, Italy





# Surgical masterclasses offered by the Centre of Clinical and Experimental Surgery

The Centre of Clinical and Experimental Surgery provides unique possibilities to obtain theoretical and practical European class skills without leaving Russia. The Centre has been created by surgeons for surgeons, and its educational programs can significantly expand the horizons of practitioners, enabling “live” communication with colleagues and invited experts to help sort out the variety of both new surgical techniques and equipment and consumable materials offered for them.



## The Head of the Center of Clinical and Experimental Surgery Prof. K.V. Puchkov

Over the time of his professional activity, K.V. Puchkov has been recognized as one of the country's best laparoscopic surgeons. He is engaged in laparoscopic surgery, urology and gynecology since 1993, and has accumulated experience of more than 17,000 laparoscopic operative interventions. The practical activity results are summarized in more than 600 Russian and foreign scientific publications, 10 monographs. The Professor has created his own unique methodology of laparoscopic surgery, which received over 20 patents for inventions in the field of laparoscopic surgery.

K.V. Puchkov has created a scientific and practical school for training surgeons from all over Russia and abroad, which serves as basis for more than 20 training workshops held annually. He has supervised more than 20 successfully defended master's and doctoral theses.

**K.V. Puchkov is certified in surgery, urology, obstetrics and gynecology, oncology, social hygiene and public health organization.**





#### SCIENTIFIC AND PRACTICAL WORKSHOPS

One-day scientific and practical workshops are held at Swiss University Clinic (Moscow) or at Moscow partner clinics 2-3 times a month. The subjects of workshops address issues of modern surgery, gynecology, urology, colorectal surgery.

Programs of workshops for surgeons include 2-3 demonstration operations, lectures by experts, and practical work involving use of simulators.

- Laparoscopic techniques in gynecology
- Laparoscopic colorectal surgery
- Laparoscopic surgery of kidney cancer
- Laparoscopic surgery in the treatment of hiatal hernias
- Endoscopic surgery in the treatment of endocrine diseases
- Minimally invasive surgery in the treatment of cholelithiasis (SILS and NOTES)
- SILS in surgery and gynecology
- Technical aspects and modern materials in the treatment of hernias

The workshops are intended for “advanced” level surgery aiming at physicians with basic skills of laparoscopic surgery, willing to improve themselves in their field.

In addition, training workshops are offered for operating surgical nurses.



#### VISITING SYMPOSIUMS

The Centre of Clinical and Experimental Surgery conducts surgical workshops at clinical sites in various cities of Russia and CIS countries.

The symposium organization format provides for a “live” broadcast from the operating room to the lecture hall, practical work involving use of simulators or biological tissue, and discussions with invited experts. The subjects of workshops touch upon topical issues of surgery, urology, gynecology, colorectal surgery.

# Laparoscopic techniques in the treatment of hysteromyoma



“...I would like to thank the Center of Clinical Surgery for a wonderful master class and for the provided materials. I was sitting, listening and observing your operations, truly admiring your art! Honestly, it is a pity that it was only a single day!..”

Vladimir Naumenko, MD  
Korsakov, Sakhalin Region

11 HOURS



## Program

- |               |   |
|---------------|---|
| 08:30 – 08:35 | Meeting at the clinic. Welcoming of the participants.   |
| 08:35 – 09:15 | The main principles of laparoscopic surgery in patients with hysteromyoma. Requirements to equipment of the operating room.   |
| 09:15 – 11:00 | Operation 1. Laparoscopic hysterectomy using the apparatus ForceTriad (Covidien).   |
| 11:00 – 12:00 | Lecture 1. Technical aspects of laparoscopic radical surgery on the uterus  |
| 12:00– 13:30  | Operation 2. Laparoscopic supravaginal uterine amputation using the apparatus ForceTriad (Covidien) and SILS technique.   |
|               | <b>Lunch</b>  |
| 14:30 – 16:00 | Operation 3. Laparoscopic myomectomy with temporary occlusion of uterine arteries (using Auto Sonix ultrasonic scissors).   |
| 16:00 – 17:30 | Lecture 2. Technical aspects of laparoscopic myomectomy performance. Possible complications and their solutions.  |
| 17:30 – 19:00 | A practical workshop with laparoscopic simulators <ul style="list-style-type: none"><li>• Extracorporeal endoscopic suture</li><li>• Intracorporeal endoscopic suture</li></ul> |
| 19:00 – 19:30 | Workshop conclusion. Handing of certificates.   |

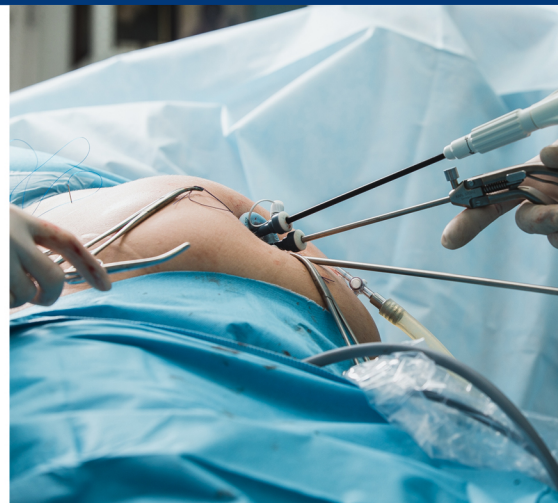




11 HOURS

“... Beautiful and very well-coordinated work. A high level of informativeness and the highest level of performing the operations ...”

Sergey Kapralov, MD  
Associate Professor of Surgery,  
Saratov State Medical University



## Program

- |               |  |
|---------------|--|
| 08:30 – 09:30 | “New technologies in laparoscopy. The main principles of SILS and NOTES access”                  |
| 09:30 – 11:00 | SILS cholecystectomy   |
| 11:00 – 11:30 | Break  |
| 11:30 – 13:00 | NOTES cholecystectomy  |
|               | <b>Lunch</b>   |
| 14:00 – 15:30 | Review of equipment and tools for performing of SILS and NOTES operations.                       |
| 15:30 – 16:30 | Indications, patient selection and outcomes of minimally invasive operations for cholelithiasis. |
| 16:30 – 19:00 | Work with SILS simulators  |
| 19:00 – 19:30 | Workshop conclusion. Handing of certificates.  |



“ ... I was very pleased to see the excellent technique of performing laparoscopic surgery in the hands of K.V. Puchkov. I always put him up as an example to the younger generation of physicians. I sincerely wish him surgical luck...”

**S. Al-Shukri**

Doctor of Medical Science, Prof., Head of urology chair at I. P. Pavlov Saint Petersburg State Medical University

9½ HOURS



## Program

9:00 – 10:00	The main principles of laparoscopy in urology.
10:00 – 11:30	Laparoscopic nephrectomy.
	Break
11:45 – 13:30	Laparoscopic nephrectomy.
	Lunch
14:30 – 16:00	Lecture “Indications, techniques and results of laparoscopic access use in surgery of kidney cancer”
16:00 – 18:00	Work with laparoscopic simulators. Specific features of handmade suture application.
18:00 – 18:30	Workshop conclusion. Handing of certificates.



# Laparoscopic surgery in the treatment of hiatal hernias

11 HOURS

“ ... The highest professionalism in everything, relaxedness, openness, friendliness, very good and efficient course organization. A warm emotional homelike atmosphere and a very hearty welcome ... ”

A.L. Inshina, MD  
Municipal Health Care Institution, Medical Unit  
“Astrakhangazprom”, Astrakhan



## Program

- |               |  |
|---------------|--|
| 08:30 – 08:35 | Meeting at the clinic “Detal”. Welcoming of the participants.  |
| 08:35 – 09:15 | The main principles of laparoscopic surgery in patients with hiatal hernias. Requirements to operating room equipment.                                   |
| 09:15 – 11:00 | Operation 1. Laparoscopic fundoplication after Toupet with crurography (using the technology of electroligation with the apparatus ForceTriad (Covidien) |
| 11:00 – 12:00 | Practical workshop with laparoscopic simulators. <ul style="list-style-type: none"><li>• Extracorporeal endoscopic suture</li></ul>                      |
| 12:00– 13:30  | Operation 2. Laparoscopic fundoplication after Chernousov with crurography (using Auto Sonix ultrasonic scissors)  |
|               | <b>Lunch</b>   |
| 14:30 – 16:00 | Lecture 2. Technical aspects, early and late results of minimally invasive antireflux surgery treatment using laparoscopic access.                       |
| 16:00 – 17:00 | Lecture 3. Electrosurgery in the operating room. Electrical safety procedures.   |
| 17:00 – 18:30 | Practical workshop with laparoscopic simulators. Intracorporeal endoscopic suture.   |
| 18:30 – 19:30 | Discussion. Questions and answers.   |
| 19:30         | Workshop conclusion. Handing of certificates.  |



“ ... Prof. Puchkov has excellent surgical skills that allow him to conduct unique operations in laparoscopic surgery. It is worth noting that he is not afraid to spend time and effort to transfer his knowledge and practical skills to both young professionals and experienced colleagues. Physicians from all regions of our country go to learn from him with great delight ... ”

**Prof. G.I. Vorobyev**

RAMS Academician, Director of the RF Coloproctology State Science Centre, Moscow, 2006

9½ HOURS



## Program

9:00 – 10:00	Indications, techniques and results of treatment of patients with colorectal cancer.
10:00 – 13:00	Laparoscopic resection of the large intestine.
	Lunch
14:00 – 15:00	Lecture “Laparoscopic right-sided hemicolectomy for colon cancer”
15:00 – 16:00	Lecture “The surgical technique of laparoscopic aortopelvic lymph node dissection for colorectal cancer”
16:00 – 18:00	Work with laparoscopic simulators
18:00 – 18:30	Workshop conclusion. Handing of certificates.





9½ HOURS

“ ... I was lucky to have seen the excellent work of Professor Puchkov “live”. I came to the conclusion that currently there appeared an opportunity to study without going abroad, visiting our super professionals to improve one’s own skills and learn interesting and rich experience from them. A prominent representative of them is Konstantin Viktorovich. He is like a “one-man band”, such unique professionals are one in a thousand ... ”

**B.L. Tsivyan**

Head of operative gynecology department of city hospital  
№ 40, Saint Petersburg



## Program

9:00 – 10:00	The main SILS principles in urology.
10:00 – 11:30	SILS nephrectomy.
	<b>Break</b>
11:45 – 13:30	SILS renal cyst.
	<b>Lunch</b>
14:30 – 16:00	Lecture “Indications, techniques and results of using SILS access in surgery for kidney cancer”.
16:00 – 18:00	Work with laparoscopic and SILS simulators. Specific features of handmade suture application.
18:00 – 18:30	Workshop conclusion. Handing of certificates.



## Our Partners

- Casa di Cura Privata Malzoni, Avellino, Italy
- The International Center of Endoscopic Surgery (CICE), Clermont-Ferrand, France
- Hospital MIC, Berlin, Germany
- Academy of Advanced International Mini-invasive Surgery, Milan, Italy
- Helios Kliniken, Berlin, Germany
- Training center at COVIDIEN Clinical Institute, Shanghai, China
- Training center «COVIDIEN AG», Elancourt, France



Swiss University Clinic  
Russian Academy of Postgraduate Education  
The Centre of Clinical and Experimental Surgery  
Nikoloyamskaya Str. 19, Moscow  
Phone: +7 (495) 786 26 65