

27th

Advanced Applied **LAPAROSCOPIC** Urology Course and Symposium

April 03-05, 2014

Training Center of Civil Aviation Center, Moscow

Training centre of the Russian State Science and Research Medical University, Moscow

MOSCOW / RUSSIA





Organizing Committee

Course President

Eduard Gallyamov
Ali Serdar Gozen

Honorary Course president

Pilar Laguna
Mahesh Desai

Symposium President

Dmitriy Pushkar`
Yasar Ozgok

Honorary Symposium President

Jens Rassweiler

Course & Symposium Secretary

Taras Mikhaylikov
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Faculty

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Prof. Dr. Mahesh Desai
Prof. Dr. Ibrahim Bozkirli
Prof. Dr. Yaşar Özgök
Prof. Dr. Eduard Gallyamov
Prof. Dr. Vladimir Medvedev
Prof. Dr. Sergey Popov
Prof. Dr. Armais Kamalov
Prof. Dr. Alexey Martov
Prof. Dr. Dmitry Pushkar
Prof. Dr. Andrey Kaprin
Prof. Dr. Pavel Rasner
Prof. Dr. Ruslan Safiullin
Assoc. Prof. Dr. Ali Serdar Gözen
Assoc. Prof. Dr. Lutfi Tunç
Assoc. Prof. Dr. Selçuk Güven
Assist. Prof. Dr. Yigit Akin.
Dr. Arvind Ganpule
Dr. Rafael Biktimirov
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Dr. Alexey Bagdasaryan
Dr. Andrey Sanzharov
Dr. Alexey Belokon
Dr. Timur Topuzov
Dr. Alexander Novikov
Dr. Igor Meschankin
Dr. Valentin Rubanov.
Dr. Taras Mikhaylikov.
Dr. Konstantin Militsa
Dr. Serdar Yalcin



Dear colleagues & friends,

This is our great pleasure to welcome you to “27th International Applied Advanced Laparoscopic Urology course and Symposium” which will be held in Moscow-Russia on 3 to 5 April 2014, in Civil Aviation Hospital and Russian State Science and Research Medical University and Karl Storz training center in Moscow.

We are highly honored to host this Course and Symposium in Moscow in the biggest metropole in Russia. We have prepared a unique program including special robotic live operation session for the interested urologists who have both initial and advanced experience.

During the first day the training course will held in the Russian State Science and Research Medical University. The course is based on the ESUT basic and advanced laparoscopic training program. The trainees will attend lectures given by well known ESUT laparoscopy training group and Russian experts and hands-on training with dry-lab boxes and virtual simulators.

During the second day the selected trainees will be able to assist the masters of urology during live laparoscopic and robotic operations and will be able to learn from the first hand.

As the topic of Symposium (6 April 2013) we choose the robotics in urology and a pioneer and master of laparoscopy and robotics, namely: Prof. Rassweiler from Germany will share his experience and discuss pro and contra with leading Russian surgeons.

At the end of the course you are going to receive a hard disk with the video of your attended operation as well as the set of educational videos.

We're looking forward to seeing you in Moscow.

Sincerely yours,

Dr.Eduard Gallyamov

Dr.Ali Serdar Gozen



PROGRAM OF THE COURSE

April 03, 2014 Thursday

Basic & Advanced Laparoscopy Course

Training centre of the Russian State Science and Research Medical University

08.30 - 09:00	Opening speeches Jens Rassweiler, Pilar Laguna, Ibrahim Bozkirli, Eduard Gallyamov
09:00-10:00	Lectures What is new with training in laparoscopy? Pilar Laguna EAU basic and advanced laparoscopic training concept European-Basic Laparoscopic Urological Skills (E-BLUS) training program Ali Serdar Gözen Training for LESS surgery Mahesh Desai Laparoscopy simulators and training Alexey Kochkin
10:30 -11:30	Laparoscopy simulators training Alexey Kochkin, Andrey Sanzharov, Vladimir Sergeev
11:30 - 13:00	Hands-on training E-BLUS Exercises; 4 steps training program Ali Serdar Gözen, Eduard Gallyamov, Lutfi Tunç, Yigit Akin
13:00 - 14:00	Lunch
14:00 - 15:00	Hands-on training E-BLUS Exercises (Warming up and exam) Ali Serdar Gözen, Eduard Gallyamov, Lutfi Tunç, Selcuk Güven
15.00 - 15.40	Lectures Advanced manual skills: different types of intra-corporeal ties (description and demonstrations of applying during real operation) Eduard Gallyamov Equipment and supply for laparoscopy. How to choose the proper trocar position? Konstantin Presnov.
15.40 - 17.10	Hands-on training Training of different laparoscopic ties Eduard Gallyamov Simulation of laparoscopic operations with pig kidneys in POP-trainer. Jens Rassweiler, Yaşar Özgök, Eduard Gallyamov, Lütfi Tunc
17:10 - 17:30	Summary of the day and Closing remarks (Nominating the best 10 trainees for the live operation day)



PROGRAM OF THE COURSE

April 04, 2014 Friday

Live surgery day

Civil Aviation Central Clinical Hospital

- 08.30 - 09.00 **Anatomy of small pelvis.**
Eduard Gallyamov
Techniques of radical prostatectomy.
Pavel Rasner
- 09.00 - 11.00 **Live surgery (Transmission in meeting hall and via internet)**
Moderators: Dmitry Pushkar, Lutfi Tunç, Alexey Martov, Rafael Biktimirov
DaVinci operating theatre: Robotic prostatectomy, Heilbronn Technique
Jens Rassweiler & 2 trainees
3D Laparoscopic operating theatre
Laparoscopic radical prostatectomy
Eduard Gallyamov & 2 trainees
- 11.00 - 11.30 **Coffee-break**
- 11.30 - 12.00 **Anatomy of retroperitoneal space.**
Selcuk Güven
Technique of laparoscopic radical and partial nephrectomy
Sergey Popov
- 12.00 - 14.00 **Live surgery (Transmission in meeting hall and via internet)**
Moderators: Jens Rassweiler, Pilar Laguna, Yaşar Özgök, Eduard Gallyamov.
3D Laparoscopic operating theatre: Laparoscopic extraperitoneal radical nephrectomy
Yaşar Özgök & 2 trainees
DaVinci operating theatre: Robotic prostatectomy
Dmitry Pushkar & 2 trainees
2D Laparoscopic operating theatre: LESS partial nephrectomy
Manesh Desai & 2 trainees
- 14.00 - 15.00 **Lunch**
- 15.00 - 15.30 **Reconstructive laparoscopic operations in urology: Pyeloplasty, ureteroplasty**
Rafael Biktimirov
- 15.30 - 17.30 **Live surgery (Transmission in meeting hall and via internet)**
Moderators: AliSerdar Gözen, Manesh Desai, Sergey Popov, Andrey Kaprin.
DaVinci operating theatre: Robotic radical prostatectomy
Lutfi Tunç & 2 trainees
3D Laparoscopic operating theatre: Laparoscopic ureteroplasty
Vladimir Medvedev & 2 trainees
2D Laparoscopic operating theatre: LESS radical nephrectomy
Sergey Popov & 2 trainees
- 17.30 - 18.00 **Summary of the day**
- 19.00 - 21.00 **Gala-dinner**



PROGRAM OF THE COURSE

April 05, 2014 Saturday

Symposium

Civil Aviation Central Clinical Hospital

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|----------------------|--|
| 10.00 - 10.30 | Opening speeches
Pilar Laguna, Jens Rassweiler, Yaşar Özgök, Alexey Martov
Certificate Awarding Ceremony to trainees |
| 10.30 - 13.00 | Video presentations
Laparoscopy against robotic surgery, actual conditions
Pilar Laguna (Amsterdam, Netherlands)
Robotic surgery in urology: The Heilbronn experience.
Jens Rassweiler (Heilbronn, Germany)
Robotic cross-disciplinary surgery
Dmitry Pushkar (Moscow, Russia)
Robotic partial nephrectomy.
Mahesh Desai (India)
Robotic female continence surgery
Ali Serdar Gözen (Heilbronn, Germany)
Cost efficiency of robotic surgery vs. laparoscopic surgery.
Armais Kamalov (Moscow, Russia) |
| 13.00 - 18.00 | Social Program |



THE NUMBER OF PARTICIPANTS:

30 trainees with basic level of laparoscopy skills.

THE NUMBER OF GROUPS:

6 groups of **5 trainees** and **2 trainers** each (Groups A,B,C,D,E, F).

Groups A, B, C, D –from abroad

Groups E, F– from **Russia**.

DESCRIPTION OF THE COURSE:

This 3-day course includes

- **Video-presentations and oral lectures**,
- **Hands-on training** with **virtual simulators, dry-lab boxes** (E-BLUS), **organic tissues** (pig kidneys with blood circulation via major vessels or living pigs)
- **Assistance in live human operations** with an experienced surgeon.
- **Symposium for robotic (Da Vinci) nephrectomy and prostatectomy (or mini-laparoscopy technique).**

The entire **course** can be seen with feedback in the **internet translation** via free urology portal **www.uro.tv**. During the translation any user can ask a question and have an answer from the surgeon and a moderator.

The language of the course is **English**.

EDUCATIONAL FEATURES:

- **1st day. «Manual skills in Laparoscopy; training day»**
 - **Lectures & video presentations** about training in laparoscopy. Lecture about EAU basic training concept and training program (E-BLUS).
 - **E-BLUS`s exercises, advanced dry lab exercises**, operation on **pig`s kidney complex** in Pulsating Organ Perfusion (P.O.P.) trainer and operations on **living animal model (pigs)**. Looking on performed live operations during the same day.
 - Assessment of the lap skills according the **E-BLUS** and selection 15 trainees for assistance in real human operations during the next day.
- **2nd day «Live surgery day»**
 - Lectures & video presentations about basic laparoscopic surgery techniques and laparoscopic anatomy.
 - The selected 15 trainees will attend (assist) human operations with experienced laparoscopic surgeons.

- The other 15 trainees will follow the video translation and will be able to attend interactive the cases from the meeting room.
- **3th Day «Symposium»**
 - Well known laparoscopic and robotic experts will perform live surgery cases.
- At the end of the course every trainee receives the Certificate of attendance, flash-card with the selected video of the course and the set of educational videos.

COURSE CENTRES:

- The training centre of Russian State Science and Research Medical University consists of
 - Lecture hall for 50 persons with opportunity of distant mutual video translation, web translation;
 - Computer simulator laboratory with 10 Simbionix
 - Dry laboratories with 30 laparoscopic boxes and 5 POP-trainers
 - Wet lab with 4 tables for live animal (pig) operations
- The training centre of Karl Storz consists of
 - Lecture hall for 70 persons with opportunity of distant mutual video translation, web translation;
 - Computer simulator laboratory with 2 Simbionix
 - Dry laboratories with 12 laparoscopic boxes and 1 POP-trainer
- The Civil Aviation Central Clinical Hospital is a modern, well equipped clinic with:
 - Lecture hall for 80 persons with opportunity of distant mutual video translation, web translation.
 - Dry laboratories with 10 laparoscopic boxes and 1 Simbionix.
 - Robotic Da Vinci operation room.
 - 3-D and 2-D (HD image quality) operation rooms with different types of bipolar and ultrasound generators.

EVENT ORGANIZERS:



EAU Section of Uro-Technology.



Turkish Association of Urology.



Russian Society for Endourology and New Technologies.



Moscow State Medico - Stomatology University.



Civil Aviation Central Clinical Hospital.



Russian State Science and Research Medical University.



Turkish Endourology Society

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