2013 - 2014
RAES LAPAROSCOPIC TRAINING COURSES

Program Coordinator: Prof. Dr. Corneliu Dragomirescu
Program Coordinator: C. Dragomirescu
Program Directors: C. Copăescu, C. Dragomirescu, V. Tomulescu, F. Turcu, D. Ulmeanu
Executive Director: C. Copăescu

Romanian and International Experts and Lecturers: C. Aldescu (Bucharest), D. Andrei (Bucharest), S. Andreian (Nestle, Romania), M. Anin (Rombiomedica, Romania), M. Ardelean (Bucharest), O. Bala (Cluj), C. Balahura (Bucharest), S. Baleanu (ETH&EES, Romania), R. Bergamaschi (New York, USA), M. Beuran (Bucharest), P. P. Bianchi (Italy), V. Bintintan (Cluj), C. Boru (Bucharest), A. Carbone (Italy), G. Cavallaro (Italy), C. Ciuce (Cluj), G. Constantinescu (Bucharest), C. Copăescu (Bucharest), N. Covaci (Karl Storz, Romania), D. Cristian (Bucharest), V. Culman (Bucharest), A. Cuschieri (Dundee, United Kingdom), G. Dapri (Brussels, Belgium), V. Dimbez (Bucharest), I. Draghici (Bucharest), L. Draghici (Bucharest), C. Dragomirescu (Bucharest), C. Dumitrache (Brasov), G. Dumitrescu (MAS, Romania), C. Dutu (Timișoara), S. Filip (Bucharest), A. Forgione (Milan, Italy), K. Fuchs (Frankfurt, Germany), M. Galvao Neto (Sao Paolo, Brasil), O. Ginghina (Bucharest), D. Godoroja (Bucharest), B. Grigorescu (Bucharest), I. Hutopila (Bucharest), M. Ionescu (Bucharest), F. Ionita (Karl Storz Romania), N. Iordache (Bucharest), A. Iorgulescu (Bucharest), R. Iorgulescu (Bucharest), R. Iosifescu (Bucharest), N. Ivan (Rombiomedica, Romania), L. Krehnbuhl (CH), L. Lansberg (Tel Aviv, Israel), F. Lazar (Timișoara), M. Litescu (Bucharest), A. Lobontiu (Paris, France), B. Marian (Bucharest), K. Miller (Salzburg, Austria), D. Mitoiu (Bucharest), R. Nechifor (Bucharest), O. Nicolae (Johnson & Johnson, Romania), A. E. Nicolau (Bucharest), M. Oancea (Bucharest), S. Pantea (Timișoara), A. Pasc (Covidien, Romania), T. Patrascu (Bucharest), D. Pitigoi (Bucharest), V. Popa (Bucharest), I. Popescu (Bucharest), I.C. Puia (Cluj), S. Rata (Covidien), R. Rubeiro (Lisbon, Portugal), A. Sarbu (Bucharest), R. Seicean (Cluj), D.A. Silasi (USA), G. Sillecchia (Roma, Italy), B. Smeu (Bucharest), V. Surlin (Craiova), A. Szold (Tel Aviv, Israel), E. Tarcoveanu (Iasi), E. Targarona (Barcelona, Spain), L. Timișescu (Bucharest), C. Tiu (Campina), V. Tomulescu (Bucharest), C. Tudose (Covidien, Romania), D. Tutunaru (Bucharest), C. Turcu (Karl Storz, Romania), F. Turcu (Bucharest), D. Ulmeanu (Bucharest), C. Vasilescu (Bucharest), R. Vilallonga (Barcelona, Spain), R. Vizeteu (Bucharest).
Course Facilities

Lectures and video conferences

Live Surgical Demonstrations Transmitted from many ORs

Experimental laboratory
- Fully equipped (for all kind of laparoscopic procedures) training on live Tissue
- 6 operating theatres for simultaneous operations on anesthetized pigs

Private Tuition Courses:
Among various types of training, organized and hosted by RAES and LTSF, our experts provide customized private tuition courses/ fellowships:

- Make your selection of the surgical procedure you wish to attend to
- Practical training sessions on live tissue (pigs)
- Individual training according to your experience
GETTING STARTED IN LAPAROSCOPIC SURGERY
- LAPAROSCOPIC CHOLECYSTECTOMY AND OTHER FUNDAMENTAL TECHNIQUES

Course objectives:

- Describing all the basic principles (instruments, materials, anaesthesia and laparoscopic equipment) of the basic laparoscopic techniques;
- Hands-on training sessions to learn or improve performance of the basic techniques; tasks in laparoscopic surgery such as dissection, intra-corporeal suturing and knot tying techniques;
- Two-hand co-ordination for dissection;
- Safe use of energy in laparoscopy;
- Describing the results and potential complications of laparoscopic procedures;
- All this information provides the laparoscopic surgeon’s basic knowledge, required for clinical applications.


**MAIN TOPICS:**

**Equipment:**
Operating theatre - equipment set-up;
The laparoscopic cart: - insufflator
- light source
- camera;

Conventional laparoscopic instrumentation and micro-instruments;
Electrosurgery.

**Basic principles of laparoscopic surgery:**
Trocar's Positioning; Knots; Electro surgery; Instruments; Stapling;
Operative room set-up;
Particularities of anesthesia for video-assisted procedures (video-assisted intubation for difficult cases)

**Laparoscopic Biliary Surgery:**
Cholecystectomy – Techniques; Complications;
Results;
Common bile duct surgery.

**Laparoscopic Emergency Surgery:**
Laparoscopic exploration;
Laparoscopic appendectomy;
Peritonitis (perforated ulcer, diverticulitis) and small bowel obstruction management.

**Medico-legal Aspects**

**Staplers in Laparoscopic Surgery**

**NOTES:** A new era?

**Single Incision Laparoscopic Surgery (SILS)**

**Robotic Surgery:** Present and future

**Experimentaly lab (practice on live tissue):**
Basic principles: insufflation – trocars' positioning – open laparoscopy;
Clips – staples – laparoscopic sutures – knots – Laparoscopic Cholecystectomy;
Small bowel resection (endoGIA – intracorporeal suture - loops);
Small bowel dissection and anastomoses
Splenectomy.
Course objectives:

Improving the laparoscopic skills in a broad spectrum of surgical minimal-invasive procedures.
Discussing surgical treatment and operative indications / complications.
Stressing the technical aspects of the surgical interventions through the transmission of live procedures. Real-time discussions between the operators and the surgeon trainees are allowed.
Providing hands-on sessions to improve skills in laparoscopic surgery through-out practice on live tissue under the experts’ mentoring.
Presenting postoperative clinical results and practical applications of evidence - based clinical medicine.
Gastroesophageal Reflux Disease and Hiatal Hernia:
Diagnosis and Surgical Indications;
Short Floppy Nissen and other Fundoplication Techniques;
Minimalinvasive Treatment of Giant Hiatal Hernia;
Endoscopic Treatment of GERD;
Complications : Intra-Operative and Post-Operative Complications;
Re - operations/ Redo SURGERY for GERD;
Robotic Surgery for Esogastric Junction Pathology.

Stomach:
Gastric Resections for Benign Diseases/ Cancer

Colon and Rectal Surgery:
Right Colectomy;
Left Colectomy;
Sigmoid Resection;
Total Mesorectal Excision for Rectal Cancer;
Hartmann Reversal Procedure;
Robotic Rectal/ Colon Surgery.

Gynecological Surgical Pathology:
Lapaoscopic Adnexectomy;
Laparoscopic Hysterectomy;
Laparoscopic Miomectomy;
Laparoscopic Treatment of Endometriosis;
Laparoscopic Hernia Repair: TAPP, TEP, Incisional Hernia Repair.

Experimental laboratory:
Laparoscopic Sutures – Knots;
Laparoscopic Nissen Fundoplication;
Laparoscopic Gastric Resections;
Dissection and Haemostasis with LigaSure Device;
Small Bowel Resection (EndoGIA – Intracorporeal Suture);
Large Bowel Dissection and Circular Stapled Anastomoses.
INTENSIVE COURSES FOR LAPAROSCOPIC SURGERY
2013 - 2014

1. Training Course in Laparoscopic Advanced Procedures for Bariatric and Metabolic Surgery 16-18th September 2013
2. Basic Techniques in Digestive Endoscopy 17-18th October 2013
3. Training Course in Laparoscopic Advanced Surgery for Gynecological Pathology 21st-23rd October 2013
4. Video-assisted Tracheal Intubation in Anaesthesia and Intensive Care 25-26th October 2013
5. Training Course in Laparoscopic Advanced Procedures for Primary and Incisional Hernias 18 – 20th November 2013
7. Training Course in Laparoscopic Advanced Surgery for Gynecological Pathology 15-17th January 2014
8. Training Course in Laparoscopic Advanced Procedures for Hernias 30th January 2014
11. Training Course in Laparoscopic Advanced Digestive Surgery for Colon and Rectum Pathology 9-11th April 2014

Participation Certificate Issued by the Romanian Association of Endoscopic Surgery and other interventional techniques (RAES), endorsed by the Romanian Academy of Medical Sciences (AMS), with CME Credits from The Romanian College of Physicians (Colegiul Medicilor din Romania).

CME: 16 credits/ course

Registration Office
Email: training@arce.ro
Tel: +4 0752 288 019/ +4 0751 365 805
Fax: +4 031 620 80 93
www.arce.ro

www.endoscopictrainingcenter.ro

Sponsors: STORZ, Nestle Health Science, Ethicon Endo-Surgery, BioSintex, COVIdien, BARD, Ponderas