



**27-28 April, 29-30 June, 21-22 September, 23-24 November 2017**

# **Colorectal Laparoscopic Surgical Skills (C.L.A.S.S.) Courses 2017**

BRFAA & HYGIA Hospital, Athens, Greece

ORGANIZED BY:  
6th Department of Surgery, Hygeia Hospital

# Welcome

**Dear colleagues,**

Celebrating the 10th consecutive year of C.L.A.S.S. Courses organized by the 6th Department of Surgery, Hygeia Hospital, this year's June Chapter will be co-hosted by Professor Jonathan Efron, Johns Hopkins University School of Medicine.

The C.L.A.S.S. Courses consist of 4 post graduate clinical workshops (Chapters) throughout the year, lasting two days each:

- On the first day of each chapter, trainees attend a Tips & Tricks video-session and perform laparoscopic colorectal surgery on animal models at the Biomedical Research Foundation - Academy of Athens. Each operating room is attended by an instructing surgeon and 2-3 trainees.
- The second day of each chapter includes podium presentations and interactive panel discussions that, altogether, cover the full spectrum of surgical diseases of the colon and rectum. Current trends of colorectal surgery are studied in depth and new techniques are evaluated by distinguished speakers of all relevant specialties. In addition, cutting edge laparoscopic colorectal surgery, such as total proctocolectomy and intersphincteric low anterior resection, is performed and presented live at the hospital auditorium as well as on the internet as a Webinar.

Moreover, trainees acquire further practical skills through a total of 4 - 7 hour preceptorship training program on virtual reality simulators.

After completion of the 4 Clinical Workshops, trainees will have obtained adequate experience to perform laparoscopic colorectal surgery and will be able to evaluate their newly acquired skills through the simulators.

Scholarships will be granted to 24 colleagues, committed to attend the C.L.A.S.S. COURSES 2017 in its entirety.

In order to maximize efficiency, animal-model surgery is restricted to those awarded scholarships. By contrast, attendance at the amphitheater on the second day of each chapter will be open to all participating surgeons.

I look forward to seeing you in April for the 1st Workshop

**Kind regards,**

**Constantinos S. Mavrantonis MD, PhD, FACS**  
Program Director,  
Director, 6th Department of Surgery Hygeia Hospital

## Speakers

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**Athanasiadis Ilias MD**

Medical Oncologist, Director - Department of Oncology, MITERA Hospital, Ass. Professor of Oncology Northwestern University Chicago

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**Boltsis Nikolaos MD**

Staff Surgeon, 6th Department of Surgery, Hygeia Hospital, Trainer

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**Efron Jonathan MD**

Professor of Surgery, Executive Vice Director - Department of Surgery, Johns Hopkins University, School of Medicine

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**Koutsogoulas Nikolaos MD**

Staff Surgeon, 6th Department of Surgery, Hygeia Hospital, Trainer

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**Kritikos Nikolaos MD**

Radiologist, Director - Imaging Departments, MITERA Hospital

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**Lazaridis Panagiotis MD**

Staff Surgeon, 6th Department of Surgery, Hygeia Hospital, Trainer

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**Lypas Georgios MD**

Medical Oncologist, Associate Director - 1st Department of Oncology / Head of Genetic Oncology

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**Mavrantonis Constantinos MD, PhD, FACS**

Program Director, Director - 6th Department of Surgery, Hygeia Hospital

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**Nikolaidi Adamantia MD**

Medical Oncologist, Associate Director - Department of Oncology, MITERA Hospital

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**Nikolopoulos Antonios MRCP, CCST**

Gastroenterologist, Department of Gastroenterology, Hygeia Hospital & Consultant Gastroenterologist, UK

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**Panousis Georgios MD**

Associate Director - 6th Department of Surgery, Hygeia Hospital, Trainer

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<b>Panousopoulos Sotirios - Georgios MD PhD</b>	General Surgeon, Simulator training program supervisor, 6th Department of Surgery, Hygeia Hospital
<b>Papagrigoriadis Savvas MD, MSc, FRCS</b>	Consultant Colorectal & Laparoscopic Surgeon & Senior Lecturer in Surgery, King's College Hospital, London, UK
<b>Papaioannou Dimitrios MD, MSc</b>	Cytologist - Pathologist, Associate Director, Pathology Laboratory, Hygeia Hospital, MSc (Hons) Imperial College, University of London, UK
<b>Papakonstantinou Constantinos MD, FRCS (C), FACS (Cand)</b>	Plastic and Reconstructive Surgery, Hygeia Hospital
<b>Skotiniotis Ilias MD</b>	Gastroenterologist, Hygeia Hospital, ex-Lecturer, Faculty of Medicine, University of Harvard, Boston, USA
<b>Sofianou Elissavet</b>	Director - Health Economics, Johnson & Johnson Hellas
<b>Stavropoulos Georgios MD, PhD, FEBS</b>	Associate Director - 4th Department of Surgery, Hygeia Hospital, Trainer
<b>Theodoropoulos Georgios MD</b>	Associate Professor of Surgery, University of Athens, 1st Department of Surgery, Ippokratio General Hospital
<b>Theodosopoulos Theodosios MD</b>	Associate Professor of Surgery, University of Athens, 2nd Department of Surgery, Aretaieio General Hospital
<b>Tzimas Georgios MD, MSc (McGill), PhD, FRCS (Canada), FACS</b>	Director - Department of Hepatobiliary Surgery, Hygeia Hospital
<b>Varlatzidou Alexandra MD</b>	Attending Surgeon, Agioi Anargyroi Oncology Hospital, Trainer

**Tips & Tricks:**

Left colon procedures

THEODOSIS THEODOSOPOULOS

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

Trocar placement

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Field management

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Inferior Mesenteric artery identification (variations, ureter protection)

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Inferior Mesenteric artery ligation (clips, linear cutter, ureter protection)

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Splenic flexure mobilization

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Intracorporeal rectal division

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Anastomosis (circular stapler, testing)

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ICG left colectomy

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## SURGICAL DISEASES OF THE LARGE BOWEL

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<b>8:30</b>	Breakfast	
<b>8:45-9:00</b>	WELCOME	
<b>9:00-9:30</b>	<b>DIVERTICULAR DISEASE</b>	
	Indications and Techniques of Surgical Treatment	GEORGIOS PANOUSIS
<b>9:30-10:30</b>	<b>ULCERATIVE COLITIS</b>	
	Diagnosis, follow-up, management	ANTONIOS NIKOLOPOULOS
	When to operate? Which procedure?	CONSTANTINOS MAVRANTONIS
<b>10:30-10:45</b>	Break	
<b>10:45-11:45</b>	<b>POLYPOSIS SYNDROMES</b>	
	Genetics and screening	GEORGIOS LYPAS
	From the gastroenterologist 's point of view	ILIAS SKOTINIOTIS
<b>11:45-12:15</b>	<b>COLON CANCER</b>	
	Which procedure?	SOTIRIOS – GEORGIOS PANOUSOPOULOS
<b>12:15-13:00</b>	Lunch	
<b>13:00-17:00</b>	<b>LIVE SURGICAL PROCEDURE: LAPAROSCOPIC SURGERY OF THE COLON &amp; RECTUM</b> Hygeia Hospital Hybrid Operating Room	

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**Tips & Tricks:**

Total Mesorectal Excision

JONATHAN EFRON

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

TME

Intracorporeal rectal division

Intersphincteric rectal division

Intracorporeal anastomosis

Coloanal anastomosis



**RECTAL CANCER**

Visiting Professor: Dr. JONATHAN EFRON

*(The slides will be in English)*

<b>8:00</b>	Breakfast	
<b>8:15-8:45</b>	<b>IMAGING</b>	NIKOLAOS KRITIKOS
<b>8:45-9:15</b>	<b>NEOADJUVANT TREATMENT</b>	ILIAS ATHANASIADIS
<b>9:15-9:45</b>	Break	
<b>9:45-10:45</b>	<b>LECTURE: MODERN APPROACHES TO RECTAL CANCER</b>	JONATHAN EFRON
<b>10:45-11:15</b>	<b>DIFFICULTIES IN LAP LAR</b>	CONSTANTINOS MAVRANTONIS
<b>11:15-11:45</b>	<b>TaTME</b>	NIKOLAOS BOLTSIS
<b>11:45-12:15</b>	<b>TME EVALUATION</b>	DIMITRIS PAPAIOANNOU
<b>12:15-13:30</b>	Lunch	
<b>13:30-17:30</b>	<b>LIVE SURGICAL PROCEDURE: LAPAROSCOPIC SURGERY OF THE COLON &amp; RECTUM</b> Hygeia Hospital Hybrid Operating Room	

**Tips & Tricks:**

Right colon procedures

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

GEORGIOS STAVROPOULOS

Laparoscopy in obese patients

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Trocar placement

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Ileocolic vessel dissection and ligation

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Medial-to-lateral right colon dissection

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Lateral-to-medial right colon dissection

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Intracorporeal anastomosis

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ICG right colectomy

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## COMPLICATIONS OF LOW ANTERIOR RESECTION TRANSANAL EXCISION «TEM»

<b>8:30</b>	Breakfast	
<b>8:45-9:15</b>	<b>AVOIDING ANASTOMOTIC LEAKS</b>	PANAGIOTIS LAZARIDIS
<b>9:15-9:45</b>	<b>LOW ANTERIOR RESECTION SYNDROME</b>	GEORGIOS THEODOROPOULOS
<b>9:45-10:15</b>	<b>TEM: INDICATIONS, PITFALLS, SECRETS OF SUCCESS</b>	SAVVAS PAPAGRIGORIADIS
<b>10:15-10:45</b>	Break	
<b>10:45-11:15</b>	<b>ERAS PROGRAM</b>	NIKOLAOS KOUTSOGOULAS
<b>11:15-11:45</b>	<b>RECESSION AND LAPAROSCOPIC COLORECTAL SURGERY: IS THERE A FUTURE?</b>	ELISABETH SOFIANOU
<b>12:00-13:00</b>	Lunch	
<b>13:00-17:00</b>	<b>LIVE SURGICAL PROCEDURE: LAPAROSCOPIC SURGERY OF THE COLON &amp; RECTUM</b> Hygeia Hospital Hybrid Operating Room	

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**Tips & Tricks:**

TEMS & TaTME

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

System preparation and installation

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Anterior wall lesion resection

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Posterior wall lesion resection

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Upper rectal lesion resection

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Conversion to laparoscopic resection

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TaTME technique

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METASTATIC DISEASE – LOCAL RECURRENCE

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**8:30** Breakfast

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**8:45-9:15** COLORECTAL CANCER: PATHWAYS OF SPREAD &  
CLINICAL SIGNIFICANCE ALEXANDRA VARLATZIDOU

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**9:15-9:45** ONCOLOGICAL APPROACH TO  
METASTATIC DISEASE ADAMANDIA NIKOLAIDI  
ILIAS ATHANASIADIS

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**9:45-10:15** HEPATIC METASTATIC DISEASE GEORGIOS TZIMAS

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**10:15-10:45** Break

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**10:45-11:15** RECTUM: LOCAL RECURRENCE AND LOCALLY  
ADVANCED DISEASE CONSTANTINOS MAVRANTONIS

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**11:15-11:45** PERINEAL RECONSTRUCTION  
CONSTANTINOS PAPAKONSTANTINOU

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**12:00-13:00** Lunch

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**13:00-17:00** LIVE SURGICAL PROCEDURE:  
LAPAROSCOPIC SURGERY OF THE COLON & RECTUM  
Hygeia Hospital Hybrid Operating Room

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## Course Targets

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Upon completion of the 4 Clinical Workshops, trainees will be able to:

- evaluate parameters that maximize efficiency in colorectal surgery,
- assess all minimally invasive colorectal surgery techniques,
- understand the latest developments in colorectal cancer, inflammatory bowel disease and acute diverticulitis.

Moreover, they will acquire skills that will allow them to:

- *carry out laparoscopic colorectal procedures*
- *assess their newly acquired skills through the simulators*

## CME Credits

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The C.L.A.S.S. courses program is accredited by the Hellenic Medical Council to provide Continuing Medical Education (CME) credits to the participating physicians, on behalf of the European Accreditation Council for Continuing Medical Education (EACCME).

## Televoting

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Podium presentations will be enhanced with televoting; Attendants will have the opportunity to participate interactively through their smartphones, by answering questions and expressing opinions during talks.

## Live Surgery

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At the end of each chapter, live laparoscopic colorectal surgical procedures with interactive discussion between the O.R. and the auditorium, will take place at the Hygeia Hospital hybrid operating room.

## **Announcements**

- Animal model experimental surgery will take place at the Biomedical Research Foundation – Academy of Athens.

**Address :**

4 Soranou Ephessiou St., 115 27 Athens, Greece

Τηλ: +30 210 6597000

Fax: +30 210 6597545

e-mail: [info@bioacademy.gr](mailto:info@bioacademy.gr)

**[www.bioacademy.gr](http://www.bioacademy.gr)**

- In order to receive a scholarship to participate in Experimental Surgery and Virtual Reality Simulation training, participating physicians must commit to attend the full C.L.A.S.S. Courses Training Program.

## Trainers

<b>Boltsis Nikolaos</b>	Staff Surgeon, 6th Department of Surgery, Hygeia Hospital
<b>Kalochristianakis Nikolaos</b>	General Surgeon, 1st Department of Surgery, Henry Dunant Hospital Center
<b>Koutsogoulas Nikolaos</b>	Staff Surgeon, 6th Department of Surgery, Hygeia Hospital
<b>Lazaridis Panagiotis</b>	Staff Surgeon, 6th Department of Surgery, Hygeia Hospital
<b>Mavrantonis Constantinos</b>	Director, 6th Department of Surgery, Hygeia Hospital
<b>Panousis Georgios</b>	Associate Director, 6th Department of Surgery, Hygeia Hospital
<b>Panousopoulos Sotirios - Georgios</b>	General Surgeon, Simulator training program supervisor, 6th Department of Surgery, Hygeia Hospital
<b>Papoudos Marios</b>	Director, 1st Department of Surgery, Henry Dunant Hospital Center
<b>Stavropoulos Georgios</b>	Associate Director, 4th Department of Surgery, Hygeia Hospital, Trainer
<b>Varlatzidou Alexandra</b>	Attending Surgeon, Agioi Anargyroi Oncology Hospital





**ORGANIZED BY:**

**6th Department of Surgery, Hygeia Hospital**

**Program Director:**

**Mavrantonis Constantinos, MD, PhD, FACS**

Director, 6th Department of Surgery Hygeia Hospital

**PROFESSIONAL CONGRESS ORGANIZER**



39-41 Lykavittou str.,  
10672 Athens, Greece  
T: 210 3668852, F: 210 3643511

**[www.afea.gr](http://www.afea.gr)**