



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 & HYGIEIA 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

Athanasiadis Ilias MD

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

Boltsis Nikolaos MD

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

Efron Jonathan MD

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

Koutsogoulas Nikolaos MD

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

Kritikos Nikolaos MD

Radiologist, Director - Imaging Departments, MITERA Hospital

Lazaridis Panagiotis MD

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

Lypas Georgios MD

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

Mavrantonis Constantinos MD, PhD, FACS

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

Nikolaidi Adamantia MD

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

Nikolopoulos Antonios MRCP, CCST

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

Panousis Georgios MD

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

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

Tips & Tricks:

Left colon procedures

THEODOSIS THEODOSOPOULOS

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

Trocar placement

Field management

Inferior Mesenteric artery identification (variations, ureter protection)

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

Splenic flexure mobilization

Intracorporeal rectal division

Anastomosis (circular stapler, testing)

ICG left colectomy

SURGICAL DISEASES OF THE LARGE BOWEL

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

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)

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

Right colon procedures

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

GEORGIOS STAVROPOULOS

Laparoscopy in obese patients

Trocar placement

Ileocolic vessel dissection and ligation

Medial-to-lateral right colon dissection

Lateral-to-medial right colon dissection

Intracorporeal anastomosis

ICG right colectomy

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

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

Tips & Tricks:

TEMS & TaTME

CONSTANTINOS MAVRANTONIS

SOTIRIOS – GEORGIOS PANOUSOPOULOS

System preparation and installation

Anterior wall lesion resection

Posterior wall lesion resection

Upper rectal lesion resection

Conversion to laparoscopic resection

TaTME technique

METASTATIC DISEASE – LOCAL RECURRENCE

8:30 Breakfast

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

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

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

10:15-10:45 Break

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

11:15-11:45 PERINEAL RECONSTRUCTION
CONSTANTINOS PAPAKONSTANTINOU

12:00-13:00 Lunch

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

Course Targets

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

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

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

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.

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- 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

Boltsis Nikolaos

Staff Surgeon, 6th Department of Surgery,
Hygeia Hospital

Kalochristianakis Nikolaos

General Surgeon, 1st Department of Surgery,
Henry Dunant Hospital Center

Koutsogoulas Nikolaos

Staff Surgeon, 6th Department of Surgery,
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Lazaridis Panagiotis

Staff Surgeon, 6th Department of Surgery,
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