EAES course on
Advanced Laparoscopic GI Surgery Course

Riyadh, Saudi Arabia
13 - 17 February 2016

The European Association for Endoscopic Surgery
and
King Saud University, College of Medicine
King Khalid University Hospital, Riyadh
Saudi Arabia

Course Directors: Professor Omar AlObaid, Saudi Arabia
Dr. Ahmad Nassar, United Kingdom

Course Faculty: Professor Omar AlObaid, Saudi Arabia
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Sponsors:
KARL STORZ GMBH & CO. KG
COVIDIEN
EAES Advanced Laparoscopic GI Surgery Course 13 -17 February 2016

Day 1 – Advanced Skills and General GI
13 February 2016

OPENING REMARKS

08:30 Registration
08:45 Welcome – Prof. Omar AlObaid
08:55 Introduction/objectives of the course – Dr. Ahmad Nassar

MORNING PROGRAM

09:00-09:20 Ergonomics, safety and prevention of errors – Prof. Jack Jakimowicz
09:20-09:30 Access techniques; efficiency and adhesiolysis – Dr. Ahmad Nassar
09:30-09:40 Introduction to laparoscopic suturing – Prof. Jack Jakimowicz
09:40-10:10 Discussion and coffee break
10:10-10:30 Practical 1: Introduction to intra-corporeal knotting; demonstration of various methods
10:30-11:00 Practical 2: Extra corporeal ties, intra-corporeal ligation
11:10-12:00 Practical 3: Needle manipulation and handling bite placement, secure knotting
12:00-13:00 Prayers/ lunch

AFTERNOON PROGRAM

13:00-13:10 Introduction to anastomosis and stapling techniques – Prof. Jack Jakimowicz
13:10-14:30 Practical 4: Continuous suturing, gastroenterostomy; side to side, bowel anastomosis; end to end
14:30-14:40 Laparoscopic repair of perforated DU – Dr. Ahmad Nassar
14:40-15:00 The place of laparoscopy in gastric and oesophageal cancer surgery – Prof. Jack Jakimowicz
15:00-15:15 Prayers/coffee
15:15-15:45 Practical 5: Laparoscopic repair perforated DU
15:45-16:00 Difficult cholecystectomy techniques – Dr. Ahmad Nassar
16:00-16:15 Prevention of complications in biliary surgery – Dr. Ahmad Nassar
16:15-17:00 Practical 6: Selected video session or suture practice
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Day 2: Laparoscopic Bile Duct Exploration

14 February 2016

MORNING PROGRAM

09:00-09:10  Introduction to instruments and other equipment. How to handle the choledochoscope – Dr. Ahmad Nassar

09:10-09:20  Intraoperative cholangiography; methods, interpretation and the pros and cons? Prof. Jack Jakimowicz

09:20-09:30  Intraoperative cholangiography, practical tips – Prof. Jack Jakimowicz

09:30-09:40  Transcystic exploration; indications, methods, pitfalls – Dr. Ahmad Nassar

09:40-10:30  Practical 1: Cholangiography; cannulation, catheters, clamps vs. free cannula

10:30-10:45  Coffee break

10:45-12:00  Practical 2: Trans-cystic exploration; basket trawling, 'Image-guided' basket exploration, choledochoscopy, transcystic tube drainage

12:00-13:00  Prayers/ lunch

AFTERNOON PROGRAM

13:00-13:15  Choledochotomy exploration; decision making and techniques/ biliary drainage techniques – Dr. Ahmad Nassar

13:15-14:30  Practical 3: Choledochotomy exploration; site, size, optimal use of choledochoscope, stone extraction and recovery

14:30-14:50  Biliary drainage; pros and cons, types and techniques – Prof. Jack Jakimowicz

14:50-15:00  Postoperative management and protocols – Dr. Ahmad Nassar

15:00-15:15  Prayers/ coffee break

15:15-16:30  Practical 4: Choledochotomy, stone removal, placement of transcystic tubes and T-tubes and suturing choledochotomy

16:30-17:00  Discussion:
Selected videos; difficult explorations, impacted stones, stents, biliary drainage

Dr. Ahmad Nassar, Prof. Jack Jakimowicz
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Day 3: Anti-reflux and Bariatric Surgery

15 February 2016

MORNING PROGRAM

09:00-09:15  Laparoscopic anti-reflux surgery, an overview – Prof. Jack Jakimowicz
09:15-10:00  Practical 1: Tumbled square knot, suturing tissue approximation methods, stapler demo vale knot
10:00-10:30  Anti-reflux procedures:
             Nissen fundoplication – Prof. Jack Jakimowicz
             Watson’s procedure – Dr. Ahmad Nassar
10:30-11:00  Discussion and coffee break
11:00-12:00  Practical 2: Laparoscopic fundoplication (subject to available models) or suture practice
12:00-13:00  Prayers/ lunch

AFTERNOON PROGRAM

13.00-13:15  COVIDIEN presentation
13:15-13:45  Bariatric surgery; rationale and selection of procedures – Prof. Omar AlObaid
13.45-14:00  Technical aspects and tips for sleeve gastrectomy – Dr. Fahad Bamihrez
14:00-14:15  Emergency steps in managing bariatric surgery complications - Dr. Fahad Bamihrez
14:15-15:00  Practical 3: Demo of various procedures, prosthesis (subject to available models and instruments) or video demos: How I do it.
15:00-15:15  Prayers/ tea break
15:15-16:30  Practical 4: fundoplication/suture practice
16:30-17:00  Practical 5: selected video session/ discussion
MORNING PROGRAM

09:00-09:15 General considerations, indications, contraindications, complications
   Prof. Jack Jakimowicz

09:15-09:25 Electric coagulation and other energy sources – Prof. Jack Jakimowicz

09:25-09:35 Appendicectomy/ Meckel’s diverticulectomy – Dr. Ahmad Nassar

09:35-10:45 Practical 1: Port placement, skeletonisation exercises, appendicectomy, suture revision, loop placement

10:45-11:00 Coffee break

11:00-11:30 Laparoscopic colon surgery for benign disease – Prof. Jack Jakimowicz

11:30-12:00 Practical 2: ‘Walking’ the intestine, methods of exteriorisation, safety checks

12:00-13:00 Prayers and lunch

AFTERNOON PROGRAM

13:00-13:45 Tips and tricks: laparoscopic sigmoid resection – Prof. Omar AlObaid

13:45-14:30 My approach to splenic flexure tumours – Dr. Khayyal AlKhayyal

14:30-14:45 Different approaches to right hemicolecotomy – TBA

14:45-15:00 My techniques: left hemicolecotomy and low anterior resection – Prof. Omar AlObaid

15:00-15:15 Prayers/ tea break

15:15-16:30 Practical 4: anastomosis techniques, stapling tips, extra and intra-corporeal hand-sutured

16:30 Discussion, selected video session
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Day 5 – LIVE SURGERY
Miscellaneous/ Solid Organ Surgery/ Assessment

17 February 2016

MORNING PROGRAM

09:00-10:15    LIVE surgery: Bile duct exploration – Dr. Ahmad Nassar
10:15-10:30  Coffee break
10:30-12:00  LIVE surgery: right or left hemicolecotomy - Prof. Omar AlObaid
12:00-13:00  Prayers and lunch

AFTERNOON PROGRAM

13:00-13:20  KARL STORZ laparoscopy instrumentations and units
13:20-15:00  LIVE surgery: laparoscopic sleeve resection - Dr. Fahad Bamihrez
15:00-15:30  New concepts: NOTES, Mini-lap, single incision surgery; pros and cons current status – Prof. Jack Jakimowicz, Dr. Ahmad Nassar
15:30-15:45  Prayers/ coffee break
15:45-16:00  Incisional hernia repair – Prof. Jack Jakimowicz
16:00-16:15  Laparoscopic splenectomy – Dr. Ahmad Nassar
16:15  Certification and closure – Prof. Omar AlObaid