Centre of Excellence for Minimal Access Surgery Training
Mumbai, India

Laparoscopic General Surgery Courses

- Comprehensive Laparoscopic Surgery Course focused on Cholecystectomy and Appendicectomy
- 3 Day Integrated Laparoscopic General Surgery Course including Basic Endourology, Upper GI Endoscopy, Hysterectomy

July to December 2014
Part - One

The only Indian center to provide extensive hands-on training for all surgical specialties in Minimal Access Surgery under expert faculty supervision.

ceMAST is an autonomous body, run by surgeons for surgeons, not for commerce, not for profit, purely an academic initiative.
Comprehensive Laparoscopic Surgery Course focused on Cholecystectomy and Appendicectomy

Course Objectives
- To understand the philosophy and ergonomics (less strain - better performance)
- To gain proficiency in two-handed dissection and improve hand-eye co-ordination
- To familiarize with laparoscopic knot-tying and suturing, diagnostic laparoscopy
- To review indications, technical details and possible pitfalls in laparoscopic cholecystectomy, appendicectomy, diagnostic laparoscopy
- To understand prevention and management of complications of various laparoscopic procedures

Who Should Attend?
- Surgical postgraduates
- Experienced surgeons who have hesitated to embark on laparoscopic surgery
- Surgeons getting initiated in laparoscopic surgery
- Surgeons performing laparoscopic surgery who wish to consolidate their knowledge and skills

Course Highlights
- Lectures by expert faculty
- Supervised training in simulation and animal tissue laboratories
- Plenty of opportunity for informal interaction with the faculty
- Emphasis on knot-tying and suturing
- Operating room training

Course Outline
Laparoscopic surgery has become an integral part of every surgeon's practice. Procedures like diagnostic laparoscopy, biopsy, cholecystectomy and appendicectomy are now a patient demand as also surgeon preference. This is true even in the remotest part of our world. Patients want to recover faster and get back to work quickly. Every surgeon practicing today needs to understand the principles and fundamentals of laparoscopic surgery and avoid compromises and complications. This four-day comprehensive course encompasses "all-in-one with certification" to fulfill the dreams of any surgeon wishing to practice safe laparoscopic surgery.

Knot-tying and suturing at laparoscopic surgery has been the "Achilles heel" of novices and sometimes even of an advanced laparoscopic surgeon. The course promises extensive training at this aspect with dedicated hours in the simulation as well as animal tissue laboratories to perfect skills including suturing.

A visit to the operating room will only enhance the confidence of the delegates after witnessing live surgeries and give them a boost to overcome the difficulties in their own operating rooms.

Course Duration: 4 Days
Course Fees (inclusive of Service Tax):
Practicing Surgeons: Rs 25,000/-
*Surgical Residents: Rs. 15,000/-

*Attach photocopy of latest identity card of the teaching institute, with registration form.

Course Dates:
July 16th | September 24th | November 26th
# Course Program

## Day 1
08:30 am: Registration and Welcome

**Theoretical sessions**
- Philosophy and set-up of laparoscopic surgery including ergonomics
- Endo-vision systems and Hand instruments and correct use (lecture and demonstration)
- Access techniques and trocar insertion (lecture and demonstration)
- Diagnostic Laparoscopy (lecture and videos)

**Hands-on simulation laboratory session**
- Exercises level I
  (handling objects, holding camera, insertion of Veress needle and trocar, special attention to left hand movement)
- Exercises level II
  (cutting, dissection, multidirectional movements using simulated objects)

05:00 pm: Close
10:30 am to 10:45 am Tea break
12:45 pm to 01:45 pm Lunch
03:00 pm to 03:15 pm Tea break

## Day 2
09:00 am

**Theoretical sessions**
- Laparoscopic Cholecystectomy (lecture and videos)
- Laparoscopic Appendicectomy
- Energy sources in laparoscopic surgery
- Holding needle and taking suture (lecture and demonstration)

## Day 3
09:00 am

**Theoretical sessions**
- Care, maintenance and sterilization of instruments
- Difficult cholecystectomy (lecture and videos)
- Prevention and management of complications

**Hands-on training - Animal tissue lab**
- Carbopentoneum
- Insertion of Veress needle and trocar
- Laparoscopic Cholecystectomy
- Laparoscopic Appendicectomy
- Suturing techniques - intracorporeal and extracorporeal

05:30 pm: Close
10:30 am to 10:45 am Tea break
01:30 pm to 02:00 pm Lunch
05:15 pm to 05:30 pm Tea break

## Day 4
09:00 am

- Visit to OR / Live Surgery Telecast / Videos
- (Subject to availability of cases)
Report to Hospital OR as planned for the day
(Transfer to CEMAST)

**One hour session on Medico legal issues by Dr. Gopinath Shenoy**

- MCQs
- Questions and answers
- Certification

5:00 pm: Close
01:30 pm Lunch
03:15 pm to 03:30 pm Tea break

Note: This course program is subject to modification. Course agenda will be provided on the first day of the course.
Course Outline

Laparoscopic surgery has become an integral part of every surgeon's practice. A surgeon practicing in distant places has to not only practice surgery, but often be well versed with ancillary skills more out of necessity than ambition. A surgeon has to often know Upper GI Endoscopy and other need based procedures in Urology and Gynaecology. Knot-tying and suturing in laparoscopic surgery is another area of a surgeon's fear despite having facilities.

This specially carved course promises training in laparoscopic surgery that includes dedicated practice of laparoscopic knotting and suturing technique on animal tissue. Additionally didactic sessions on Upper GI Endoscopy, Urology and Gynaecology procedures with interactive sessions by speciality faculties in the subject are organized.

Course Objectives

- To understand basic laparoscopic procedures
- To gain proficiency in two hand technique and laparoscopic suturing and knot-tying
- To understand the basic procedure and knitty-gritty of Upper GI Endoscopy
- To understand the basics of need based procedures as per individual surgeon (in Urology and Gynaecology)

Who Should Attend?

- Any surgeon practicing in distant places wanting to start / advance in laparoscopic surgery
- Get the know-how of Upper GI Endoscopy
- Nurture and specialize in any need based procedure like Urology and Gynaecology

Course Highlights

- Lectures by expert faculty
- Supervised learning in laparoscopic suturing and knot-tying with individualized attention
- Interactive learning in endoscopic techniques and need based procedures like urology and gynecology from specialty experts
- Procedures on simulators and animal tissue model to bring "real" life picture

Course Duration: 3 Days

Course Fees (inclusive of Service Tax):
- Practicing Surgeons: Rs 20,000/-
- Surgical Residents: Rs 12,000/-

*Attach photocopy of latest identity card of the teaching institute, with registration form.

Course Dates: August 25th | December 2nd
Course Program

Day 1
08:30 am: Registration and welcome

Theoretical sessions
- Philosophy and set-up of laparoscopic surgery including ergonomics
- Endo-vision systems and Hand instruments and correct use (lecture and demonstration)
- Carboperitoneum and effects
- Access techniques and trocar insertion (lecture and demonstration)
- Diagnostic Laparoscopic and Laparoscopic Appendicectomy
- Laparoscopic anatomy of biliary system and Laparoscopic Cholecystectomy
- Energy sources in laparoscopic surgery

Hands-on simulation laboratory session
- Exercises level I (handling objects, holding camera, insertion of Veress needle and trocar, special attention to left hand movement)
- Exercises level II (cutting, dissection, multidirectional movements using simulated objects)
- Questions and answers

06:00 pm: Close
10:30 am to 10:45 am Tea break
01:00 pm to 01:30 pm Lunch
03:30 pm to 03:45 pm Tea break

Day 2
09:00 am
Theoretical sessions
- Prevention and management of complications
- Knotting and suturing (extra and intracorporeal)

Hands-on training on harvested animal tissue
- Exercises level III (intracorporeal and extra-corporeal knotting on simulated bowel / tissue)
- Exercises level IV (intracorporeal suturing - interrupted and continuous)

Hands-on training - Animal tissue lab
- Laparoscopic Cholecystectomy
- Laparoscopic Appendicectomy
- Extra and intracorporeal knotting and suturing

5:00 pm: Close
10:30 am to 10:45 am Tea break
01:00 pm to 02:00 pm Lunch
04:45 pm to 05:00 pm Tea break

Day 3
09:00 am
Theoretical session, demonstration and videos
- Basic Endourology
  - TURP

Theoretical session and videos
- Hysterectomy

Theoretical session and hands-on training - simulation lab (Animal tissue with pathologies)
- Upper GI Endoscopy
  - Flexible Endoscopy
  - MCQs
  - Questions and answers
  - Certification

One hour session on Medico legal issues by Dr. Gopinath Shenoy

Feedback

05:30 pm: Close
10:30 am to 10:45 am Tea break
12:00 pm to 12:30 pm Lunch
04:45 pm to 05:00 pm Tea break

Note: This course program is subject to modification. Course agenda will be provided on the first day of the course.
Chairman
Prof Tehemton E Udwadia

Director
Dr Ulhas Gadgil

Course Conveners
Dr Abhay Dalvi

Dr Deepraj Bhandarkar

Dr Suresh Deshpande

Faculty Panel

Dr Agrawal Jugal (Mumbai)
Dr Amonkar Dilip R (Goa)
Dr Bhandari Mohit (Indore)
Dr Borgaonkar Vijay (Aurangabad)
Dr Das Debashish (Mumbai)
Dr Dharap Satish (Mumbai)
Dr Goel Amitabh (Indore)
Dr Hira Ashishkanti (Bongaon)
Prof Jamkar Arun (Nashik)
Dr Kelkar Dhananjay (Pune)
Dr Khandelwal Kamlesh (Mumbai)
Dr Kumar Arvind (Delhi)
Dr Maurya S D (Agra)
Dr Murthy Dakshina (Nagarcoil)
Dr Prasad Arun (Delhi)
Dr Shah Rajesh (Ahmedabad)
Dr Sonar Sanjay (Mumbai)
Dr Udwadia Rushad (Mumbai)

Dr Agrawal Subhash (Raipur)
Dr Bakhshi Girish (Mumbai)
Dr Bhansali Hemant (Mumbai)
Dr Chandiramani Vinod (Mumbai)
Dr Dave Sandeep (Raipur)
Dr Doctor Nilesh (Mumbai)
Dr Gode Dilip (Nagpur)
Dr Islam Chaidul (Guwahati)
Dr Jani Kalpesh (Vadodara)
Prof Khan Muneer (Srinagar)
Dr Khiangte Elbert (Guwahati)
Dr Kurlekar Utkrant (Pune)
Dr Mitha Satish (Ranchi)
Dr Nande Anand (Mumbai)
Dr Rege Sameer (Mumbai)
Dr Shinde Jaisingh (Pune)
Dr Tantia Om (Kolkata)

International Advisory Board

Dr Alberto Chousleb (Mexico)
Prof Davide Lomanto (Singapore)
Dr Gerald Marks (USA)
Dr Jorge Cervantes (Mexico)

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Dr Desmond H Birkett (Canada)
Dr Jacques Perissat (France)
Dr Samuel Shuchleib (Mexico)

Dr Barry Salky (USA)
Dr George Berci (USA)
Dr John Hunter (USA)
Accreditations, Endorsements and Approvals

- Indian Association of Gastrointestinal Endo-Surgeons (IAGES)
- Association of Minimal Access Surgeons of India (AMASI)
- The Association of Surgeons of India (ASI) State Chapter
- Maharashtra University of Health Sciences (MUHS) Recognizes cEAMST as Soft Skill Training Institute for Fellowship Certification in Minimal Access Surgery
- Paediatric Endoscopic Surgeons - India section of Indian Association of Paediatric Surgeons
- Society of Gastrointestinal Endoscopy of India (SGEI)
- The International Society for Gynecologic Endoscopy (ISGE)

Certificate of Attendance

- After completing the course, a Certificate of Attendance will be awarded.

Course Fee Includes

- Theoretical sessions
- Practical hands-on
  - Simulation Lab
  - Harvested / Animal tissue lab
- Disposable and Consumables components
- To and fro transportation to OR
- Tea / Coffee / Snacks and Lunch

Mode of Payment

- Net Banking (contact for IFSC code)
- Cheque / DD (in favour of “cEMAST”)
- Cash (in special case)

Cancellation and Refund Policy

- Cancellation is accepted via e-mail. In the event of cancellation two weeks prior to the course, a deduction of 25% of the course fees is applicable.
- No refund is applicable if registration is cancelled one week prior to the course date.

Hotel Accommodation

- Available at subsidized rate
- 2 kms away from cEMAST
- 3 star/equivalent hotel including breakfast

(Note: Responsibility of hotel facility and all payments remain with the candidate)

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Centre of Excellence for Minimal Access Surgery Training

(Please complete all the details)

Course Name: ____________________________  Course Date: ____________

Surgical Speciality: _____________________  Membership / Association (i.e. ASI, FOGSI, USI): _____________________

MMC Registration No.: ____________________  MCI Registration No.: _______________________

Applicant’s Name (CAPITALS): ________________________________

Residential Address: ____________________________________________

__________________________________________  Pin Code: ________________

Mobile: ______________________  Telephone Res: ______________________  Fax: ______________________

E-mail: ____________________________________________  Birth Date: ____________  Age: ____________

Qualification: ________________________________

Educational Institute: ________________________________________  Years of experience: ____________

Current Status:  
☐ Practicing  ☐ Resident  ☐ Student  ☐ Asst. Professor

Current Institute:  
☐ Nursing Home  ☐ Hospital  ☐ Teaching Institute

Address of the Current Institute: ____________________________________________

Category:  
☐ Private  ☐ Government

Expectations from the course: ____________________________________________

How did you learn about cEMAST (Please Tick):

☐ Brochure  ☐ Flyer (Email)  ☐ SMS

☐ Advertisement in Journal (Pl specify):  ☐ Website  ☐ Facebook

☐ cEMAST Team  ☐ Conference  ☐ Reference

Are you practicing Endoscopy / Laparoscopy:  
☐ Yes  ☐ No

Suitability of your existing OT Set up:

☐ Meets all requirements for MAS  ☐ Needs up-gradation  ☐ Not in place

Have you attended any MAS training courses previously (If yes, please provide details): ____________________________

Have you attended any courses at cEMAST previously (If yes, please provide details): ____________________________

Any additional information: ____________________________________________

__________________________________________

(Course photographs/videos/testimonials may be used for cEMAST communication)  Signature
Minimal Access Surgery Course at cEMAST

Laparoscopic General Surgery Courses 2014
Course Conveners: Dr. Abhay Dalvi, Dr. Deepraj Bhandarkar, Dr. Suresh Deshpande and Eminent National Faculty

**Comprehensive Laparoscopic Surgery Course** focused on Cholecystectomy and Appendicectomy:
July 16th to 19th, September 24th to 27th, November 26th to 29th

**3 Day Integrated Laparoscopic General Surgery Course** including Basic Endourology, Upper GI Endoscopy, Hysterectomy:
August 25th to 27th, December 2nd to 4th

**Laparoscopic Knot-tying and Suturing in Surgery**:
October 13th to 14th, December 15th to 16th

**Laparoscopic Hernia Surgery Course**:
July 1st to 2nd, September 15th to 16th, November 17th to 18th

**Upper GI Laparoscopic Surgery Course** focused on Fundoplication and Cardiomyotomy:
August 12th to 13th, December 5th to 6th

**Laparoscopic Colorectal Surgery Course**:
September 1st to 2nd, October 28th to 29th

**Single Portal Laparoscopic Surgery Course**:
October 10th to 11th

**Upcoming Courses**

**Laparoscopic Solid Organ Surgery Course**

**Laparoscopic Bariatric Surgery Course**

Laparoscopic Gynaecology and Hysteroscopy Courses 2014
Course Conveners: Prof. Prashant Mangeshikar, Dr. Rakesh Sinha, Dr. Neeta Warty and Eminent National Faculty

**Operative Techniques in Gynaecological Endoscopy**
Acquisition of Basic and Advanced Endoscopic Skills, Endo-suturing, Hysteroscopy:
July 21st to 23rd, September 10th to 12th, November 13th to 15th

**Fertility Enhancing Endoscopic Surgery Course**
Hysteroscopic and Laparoscopic approach:
July 4th to 5th, September 29th to 30th, November 24th to 25th

**Laparoscopic Knotting and Suturing Course in Gynaecology**:
August 4th to 5th, October 13th to 14th, December 8th to 9th

**Advanced Course in Laparoscopic Gynaecology** focused on Hysterectomy and Myomectomy:
August 6th to 8th, October 15th to 17th, December 10th to 12th

**Hysteroscopy Course**:
August 1st to 2nd, October 10th to 11th, December 5th to 6th

Extensive Hands-on Training in Simulation and Animal Tissue Lab
Laparoscopic Urology and Endourology Courses 2014
Course Conveners: Dr. Anil Bradoo, Dr. Pradeep Rao and Eminent National Faculty

Basic Laparoscopic Urology Course:
July 24th to 26th

Upper Tract Endourology Course:
November 7th to 9th

Extracorporeal Shockwave Lithotripsy (ESWL) Course:
November 9th

Lower Tract Endourology Course:
October 30th to November 1st

Advanced Laparoscopic Urology Course - Partial Nephrectomy:
2015

Advanced Laparoscopic Urology Course - Radical Prostatectomy:
December 18th to 19th

Benign Prostatic Hyperplasia:
2015

Stress Urinary Incontinence and Urodynamics:
2015

Reconstructive Urology:
September 12th to 13th

Vascular Access:
October 6th to 8th

Minimal Access Paediatric Surgery Training Courses 2014
Course Convener: Dr. Rasik Shah and Eminent National Faculty

Basic Minimal Access Paediatric Surgery Training Course
Laparoscopy, Thoracoscopy, Paediatric Urology:
July 10th to 12th, September 18th to 20th

Advance Minimal Access Paediatric Surgery Training Course
Laparoscopy, Thoracoscopy, Paediatric Urology:
November 10th to 12th

Essential Surgical Skills Course 2014
Course Convener: Dr. Madhuri Gore and Eminent National Faculty

July 5th, August 9th, August 23rd, September 6th, September 20th, October 18th

Upcoming Minimal Access Surgery Speciality Training 2014

Ear, Nose and Throat (ENT) | Video Assisted Thoracoscopic Surgery (VATS)
Bronchoscopy | Arthroscopy (Knee and Shoulder) | Video Assisted Anal Fistula Treatment (VAAFT)
Endospiine Surgery | Fetoscopy | Urogynecology

OR Nurses | Biomedical Engineers | Central Sterile Supply Department Personnel (CSSD)

Note: These course dates and programs are subject to change / modification.

Extensive Hands-on Training in Simulation and Animal Tissue Lab
Register and Pay Online for cEMAST Courses

www.cemast.org

cEMAST - MAS to all people in all places

Centre of Excellence for Minimal Access Surgery Training
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