

ceMAST

Center of Excellence for Minimal Access Surgery Training
Supported by KARL STORZ

An ISO 9001:2015 Certified Organization



MINIMAL ACCESS PAEDIATRIC SURGERY TRAINING COURSES

Laparoscopy | Thoracoscopy | Urology

Courses from
January to June 2017

Course Director
Dr. Rasik Shah

Chairman
Prof. Tehemton E. Udwardia

Director
Dr. Ulhas Gadgil



ceMAST is an autonomous body, run by surgeons for surgeons, not for commerce, not for profit, purely an academic initiative. The only Indian center to provide extensive HANDS-ON TRAINING for all surgical specialties in Minimal Access Surgery under expert faculty supervision.

STORZ
KARL STORZ ENDOSKOPE
Supported by KARL STORZ

Intensive Minimal Access Paediatric Surgery Training Course

Laparoscopy | Thoracoscopy | Urology

Course Date
9th Mar - 11th Mar



Course Outline

Minimal Access Surgery has become an integral part of Paediatric Surgery. Procedures like diagnostic laparoscopy, orchiopexy, appendicectomy, repair of inguinal hernia, biopsy (peritoneal, lymph node and gonadal), cholecystectomy, nephrectomy and thoracoscopy for empyema have become very common in minimal access Paediatric Surgery.

Parents of children with surgical diseases have started demanding minimal access surgery for their children. This is applicable even in the smaller towns of India. Parents want their child to recover quickly, with early discharge from the hospital they can return to routine at the earliest. Early discharge allows even parents to resume their work faster.

It is important for Paediatric Surgeons to get hands-on training in minimal access Paediatric Surgery, to understand the principles and fundamentals of these techniques, which will decrease the duration of their learning curve and incidence of complications.

This three-day basic course encompasses "all-in-one with certification" to fulfill the dreams of any Paediatric Surgeon wishing to practice safe minimal access Paediatric Surgery. Knot-tying and suturing in Laparoscopic Surgery has been the "Achilles' heel" of novices and sometimes even of an experienced laparoscopic surgeon. The course encompasses extensive hands-on training, introduction to basic laparoscopic suturing and the animal tissue laboratory which gives the opportunity to have extensive hands-on experience, to boost the confidence of the delegates.

Course Objectives

- To give participants maximum hands-on experience under faculty supervision
- To familiarize with endoscopic anatomy of the abdomen and thorax
- To learn laparoscopic suturing and knot-tying
- To learn ergonomics in laparoscopic and thoracoscopic surgery to minimize complications and operating time
- To understand indications, technical details and possible complications of following basic minimal access Paediatric surgeries
 - Diagnostic Laparoscopy
 - Laparoscopic Hernia repair
 - Laparoscopic Orchiopexy
 - Laparoscopic Appendicectomy
 - Laparoscopic Cholecystectomy
 - Laparoscopic Nephrectomy (transperitoneal)
 - Thoracoscopy
 - Diagnostic
 - Empyema
 - Lung biopsy

Who Should Attend ?

- Post graduates who are under training in Paediatric Surgery
- Paediatric surgeons who are already in practice and wish to offer this modality to their patients

Course Highlights

- Lectures by expert faculty
- Supervised training in simulation and Porcine tissue laboratories
- Plenty of opportunity to interact with the faculty
- As alumni of cEMAST, continuous support from the faculty as and when required

Course duration :	3 days
Course fees (inclusive of service tax):	
India, SAARC and African Countries:	
Practicing surgeons:	₹ 20,000/-
* Teaching Staff and Residents:	₹ 15,000/-
Other Countries:	\$ 650

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

Course Program

DAY 1

08:30 am: Registration and Welcome

Theoretical sessions

- Instrumentation (Demonstration and handling by delegates)
- Handling of Camera, Telescope, Light Source, CO2 insufflator, CO2 cylinders, cords, etc. (Demonstration and handling by delegates)
- Energy Sources
- Carboperitoneum (Abdomen and Chest)
- Ergonomics
- Prevention of Complications
- Care, maintenance and sterilization of equipment
- Extra-corporeal knot-tying
- Access, Veress Needle, Primary and Secondary Port Insertion
- Diagnostic Laparoscopy

Hands - on simulation laboratory session

- Exercise level I
(Handling objects, holding camera, special attention to left hand movement)
- Exercise level II
(Cutting, dissection, multi-directional movements using simulated objects)

05:00 pm: Close

11:00 am to 11:15 am	Tea break
01:00 pm to 01:30 pm	Lunch
03:45 pm to 04:00 pm	Tea break



DAY 2

09:00 am

Theoretical sessions with videos

- Diagnostic Laparoscopy
- Laparoscopic Appendectomy
- Laparoscopic Orchiopexy
- Laparoscopic Hernia Surgery
- Laparoscopic Cholecystectomy
- Intracorporeal suturing
- Basics of Thoracoscopy
- Thoracoscopy for Empyema
- Thoracoscopic Lung Biopsy

Hands-on simulation laboratory session

- Exercises level III
(Intra-corporeal and Extra-corporeal Suturing)
- Exercises level IV
(Intra-corporeal suturing - Interrupted and continuous)

Hands-on training on harvested Porcine tissue

- Intra-corporeal and Extra-corporeal Suturing

5:00 pm: Close

11:00 am to 11:15 am	Tea break
01:00 pm to 01:30 pm	Lunch
03:30 pm to 03:45 pm	Tea break





DAY 3

08:30 am

Theoretical sessions

- Laparoscopic Nephrectomy

Hands-on training - Porcine tissue lab

- Use of Veress Needle
- Introduction of primary and secondary ports
- Diagnostic Laparoscopy and walk on the small bowel
- Appendectomy
- Application of Endoloops
- Creation of peritoneal defect and its closure (Hernia repair)
- Laparoscopic Cholecystectomy
- Mobilisation of Kidney
- Dissection of the renal vessels
- Clipping or ligation of renal vessels
- Diagnostic Thoracoscopy

- **MCQs**
- **Feedback**
- **Certification**
 - **For Course**
 - **4 CME points from MMC**

05:30 pm: Close

11:30 am to 11:45 am	Tea break
01:30 pm to 02:00 pm	Lunch
04:15 pm to 04:30 pm	Tea break

Advanced Minimal Access Laparoscopic Paediatric Surgery Training Course

Course Date
6th Apr - 8th Apr



Course Outline

Laparoscopic surgery has become an integral part of Paediatric Surgery. Many paediatric surgeons have acquired skills to perform basic laparoscopic paediatric surgery. However, very few are proficient in performing advanced laparoscopic paediatric gastrointestinal surgeries. This three-day course is planned to make the delegates confident in performing advanced laparoscopic gastro-intestinal surgeries.

Knot-tying and suturing in laparoscopic surgery has been the "Achilles' Heel" for novices and sometimes even for an "advanced" laparoscopic surgeon. The course will have dedicated sessions to make the delegates confident of intra and extra-corporeal suturing as well as knot-tying.

The wet lab will give opportunity to have hands-on experience, which will further boost the confidence of delegates.

Course Objectives

- To familiarise with laparoscopic anatomy
- To learn endoscopic suturing and knot-tying
- To learn ergonomics of laparoscopic surgeries to decrease incidence of complications and operating time
- To review indications, technical details and possible complications of these laparoscopic paediatric surgery

Course Program

DAY 1

08:30 am: Registration and Welcome

Theoretical sessions

- Instrumentation
- Energy sources
- Ergonomics
- Complications
- Knotting: Roeder's Knot
- Fundoplication
- Achalasia Cardia
- Pyloromyotomy
- Malrotation of bowel
- Surgery for Meckle's Diverticulum

Hands-on simulation laboratory session

- Extra-corporeal suturing
- Advanced intra-corporeal suturing

05:30 pm: Close

11:20 am to 11:40 am

Tea break

01:15 pm to 01:40 pm

Lunch

02:50 pm to 03:10 pm

Tea break

- During the course following surgeries would be discussed
 - Nissen fundoplication
 - Achalasia Cardia
 - Pyloromyotomy
 - Repair of Choledochal cyst
 - Malrotation
 - Meckle's Diverticulum
 - Enteric Duplication Cyst
 - Pull thru for Hirschsprung's disease
 - Pull thru for Anorectal Malformation

Who Should Attend ?

- Post graduates who are under training of paediatric surgery
- Paediatric surgeons who are already in practice and wish to offer this modality to their patients

Course Highlights

- Lectures by the faculty
- Supervised training in simulation and animate laboratories
- Plenty of opportunity to interact with the faculty
- Course material in form of DVD library of common and advanced surgery and journal articles
- As alumni of cEMAST, continuous support from the faculty as and when the need arises

Course duration:	3 days
Course fees (inclusive of service tax):	
India, SAARC and African Countries:	
Practicing surgeons:	₹ 20,000/-
* Teaching Staff and Residents:	₹ 15,000/-
Other Countries:	\$ 650

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





DAY 2

08:30 am

Theoretical sessions

- Splenectomy
- Pull thru for Hirschsprung's disease
- Pull thru for Anorectal Malformation

Hands-on training on harvested Porcine tissue

Suturing

- Stomach
- Intestine

5:30 pm: Close

11:00 am to 11:15 am	Tea break
01:00 pm to 01:30 pm	Lunch
03:00 pm to 03:15 pm	Tea break

DAY 3

08:30 am

Theoretical sessions

- Laparoscopic Malone's procedure for ovarian disease

Hands-on training - Porcine tissue lab

- Mobilisation of rectum and colon
- Mobilisation and adhesiolysis of small bowel
- Dissection of Esophageal Hiatus
- Fundoplication
- Esophagomyotomy
- Pyloromyotomy
- Cholecystoduodenostomy
- Side to side bowel anastomosis

- **MCQs**
- **Feedback**
- **Certification**
 - **For Course**
 - **4 CME points from MMC**

05:30 pm: Close

11:30 am to 11:45 am	Tea break
01:30 pm to 02:00 pm	Lunch
04:15 pm to 04:30 pm	Tea break



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

Advanced Minimal Access Paediatric Urology Training Course

Course Date
10th Apr - 12th Apr

Who Should Attend ?

- Post graduates who are under training of Paediatric surgery and Urology
- Paediatric surgeons and urologists who are already in practice and wish to offer these advance technologies to their patients

Course Outline

Laparoscopic and endoscopic paediatric urology has become an integral part of Paediatric Surgery and Paediatric urology. Many paediatric surgeons and urologists have acquired basic skills to perform laparoscopic and endoscopic surgeries. However, very few are proficient in performing advanced laparoscopic paediatric urologic and endo-urologic surgeries. This three-day course is planned to make the delegates confident and proficient in performing advanced paediatric laparoscopic urology and endo-urologic surgeries.

The technology in paediatric endo-urological and laparoscopic surgery has advanced rapidly over the last decade; the course will also have dedicated sessions to familiarise delegate with the latest equipment and technology.

Knot-tying and suturing in laparoscopic surgery has been the "Achilles' Heel" of novices and sometimes even of an "advanced" laparoscopic surgeon. The course will have dedicated sessions to make the delegates confident of intra and extra-corporeal suturing as well as knot-tying.

The wet lab will give an opportunity to have hands-on experience, which will further boost the confidence of delegates.

Course Objectives

- To learn endoscopic, laparoscopic and retroperitoneoscopic anatomy
- To learn the use of laparoscope, paediatric cystoscope, semirigid uretero - renoscope and flexible uretero-renoscope
- To understand, the prevention and management of complications encountered in these type of surgeries.
- To understand the ergonomics for improving the outcome of these surgeries

Course Highlights

- Lectures by the faculty
- Supervised training in simulation and animal laboratories
- Plenty of opportunity to interact with the faculty
- Course material in form of DVD library of common and advanced surgery
- As alumni of cEMAST, continuous support from the faculty as and when the need arises
- The course focuses on following surgeries
 - Upper Urinary Tract Surgeries
 - Laparoscopic Pyeloplasty
 - Laparoscopic Hemi - Nephrectomy / Ureterectomy
 - Retroperitoneoscopy
 - Lower Urinary Tract Surgeries
 - Extravesical Reimplantation
 - Transvesical Reimplantation
 - Endo-urologic Procedures:
 - Cystoscopy
 - Cystoscopy and PU Valves
 - Fulguration
 - Uretero-renoscopy
 - Sting procedure
 - Botox injection
 - Ureterocele incision
 - Injection bladder neck

Course duration:	3 days
Course fees (inclusive of service tax):	
India, SAARC and African Countries:	
Practicing surgeons:	₹ 28,500/-
* Teaching Staff and Residents:	₹ 21,500/-
Other Countries:	\$ 900

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

Course Program

Focus: Hemi-nephrectomy, Pyeloplasty (Trans and Retro-peritoneal), Reimplantation of Ureter (Extra and trans-vesical), Sting procedure, Insertion of DJ stent and Uretero-renaloscopy.



DAY 1

08:30 am: Registration and Welcome

Theoretical sessions

- Laparoscopic Equipment
- Energy Sources
- Ergonomics
- Prevention of Complications in Minimal Access Paediatric Urology (Laparoscopy)
- Update on Cystoscopy equipment
- Injection of Sting for VUR
- Knotting: Roeder's Knot
- Intra-corporeal Suturing
- Equipment and theoretical principles of Uretero-renaloscopy

Hands-on simulation laboratory session

- Uretero-renaloscopy
- Insertion of DJ stent
- Lithotripsy: Pneumatic and laser

05:00 pm: Close

11:00 am to 11:15 am	Tea break
01:00 pm to 01:30 pm	Lunch
03:45 pm to 04:00 pm	Tea break

DAY 2

08:30 am

Theoretical sessions

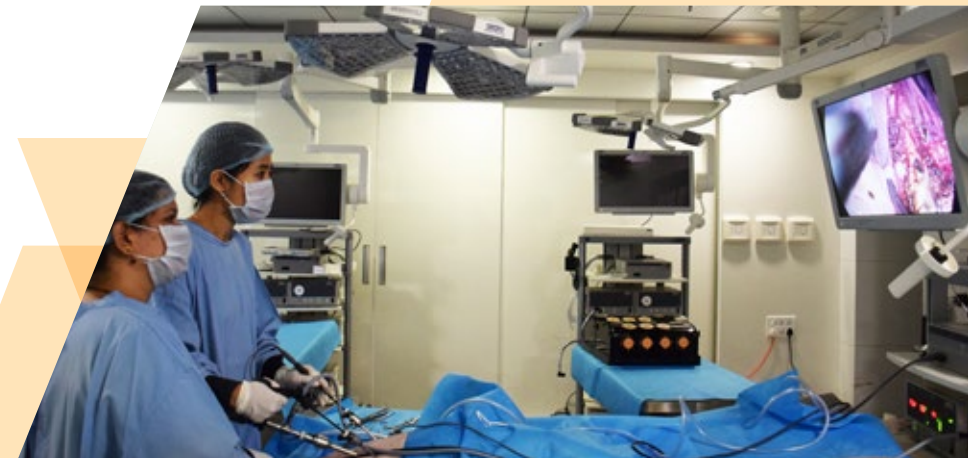
- Lap Transperitoneal Hemi-nephrectomy
- Lap transperitoneal Pyeloplasty
- Retroperitoneoscopy
- Extravesical reimplantation

Hands-on simulation laboratory session

- Suturing Practice on mat
- Suturing Practice on tubes
- Pyeloplasty on harvested tissue

5:00 pm: Close

11:00 am to 11:15 am	Tea break
01:00 pm to 01:30 pm	Lunch
03:30 pm to 03:45 pm	Tea break





DAY 3

Theoretical session

- Trans-vesical Reimplantation
- Discussion over video presentation

Hands-on tissue and Wet Lab: Animate Session

- Extra-vesical Reimplantation:
 - Hitching the bladder to the anterior abdominal wall
 - Creation of extra-mucosal tunnel by incising detrusor muscles at uretero-vesical junction
 - Suturing detrusor muscles over the ureter
 - Placement of ports in bladder
- Laparoscopic Nephrectomy
 - Dissection of renal vessels, ureter and Pelvis
 - Ligation/Clipping of Vessels
 - Insertion of sutures in pelvis and ureter
- Retroperitoneoscopy
 - Creation of retro-peritoneal space
 - Dissection of renal vessels, Pelvis and Ureter
 - Ligation/clipping of the vessels
- **MCQs**
- **Feedback**
- **Certification**
 - **For Course**
 - **4 CME points from MMC**

05:30 pm: Close

11:30 am to 11:45 am	Tea break
01:30 pm to 02:00 pm	Lunch
04:15 pm to 04:30 pm	Tea break

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

CEMAST - Courses are specially designed to suit your needs



Today's Training is Tomorrows Skill





ceMAST Computer Simulation Lab



FACULTY PANEL

Dr. Abraham Mohan	(Kochi)
Dr. Agarwal Prakash	(Chennai)
Dr. Agarwal Vikesh	(Jabalpur)
Dr. Aggarwal Satish	(New Delhi)
Dr. Chandrasekharam VVS	(Hyderabad)
Dr. Chowdhary Sujit	(Delhi)
Dr. Kanojia Ravi	(Chandigarh)
Dr. Oak Sanjay	(Mumbai)
Dr. Nathani Rajesh	(Mumbai)
Dr. Parelkar Sandesh	(Mumbai)
Dr. Parikh Ketan	(Mumbai)
Dr. Ramadwar Ravindra	(Mumbai)
Dr. Ramesh Babu	(Chennai)
Dr. Ramesh S.	(Bangalore)
Dr. Saoji Rajendra	(Nagpur)
Dr. Singal Arbinder	(Mumbai)
Dr. Singh Dasmit	(Pune)
Dr. Sripathy V.	(Chennai)

GUIDELINES FOR REGISTRATION

- Mandatory to arrive on time for registration

CERTIFICATE OF ATTENDANCE

- After completing the course
 - Certificate of Attendance will be awarded
 - **Certificate of 4 CME Points from MMC will be awarded**

COURSE FEE INCLUDES

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



MODE OF PAYMENT

- Online Payment through our website www.cemast.org
- Cheque / DD (in favour of "CEMAST")

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 CE MAST
- 3 star/equivalent hotel including breakfast

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

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Minimal Access Surgery Courses at CE MAST 2017

LAPAROSCOPIC GENERAL SURGERY COURSES

Course Directors: Dr. Abhay Dalvi, Dr. Deepraj Bhandarkar,
Dr. Suresh Deshpande and Eminent National Faculty

- Comprehensive Laparoscopic Surgery Course focused on Cholecystectomy and Appendicectomy
- Laparoscopic Knot-tying and suturing Course
- Laparoscopic Hernia Surgery Course
Course Director: Dr. Ramesh Punjabi
- Laparoscopic Fundoplication and Cardiomyotomy Course
- Laparoscopic Bariatric and Metabolic Surgery Course
Course Director: Dr. Shashank Shah
- VAAFT and EPSiT Course

Upcoming Courses

- Laparoscopic Colorectal Surgery Course
- Diagnostic and Therapeutic Thoracoscopy Course
- Course on Video Assisted Thoracic Surgery (VATS)

LAPAROSCOPIC GYNAECOLOGY AND HYSTEROSCOPY COURSES

Course Directors: Prof. Prashant Mangeshkar, Dr. Neeta Warty,
Dr. Pranay Shah and Eminent National Faculty

- Operative Techniques in Gynaecological Endoscopy Course
Acquisition of Basic and Advanced Endoscopic Skills, Endo-suturing, Hysteroscopy
- Laparoscopic Knotting and Suturing Course in Gynaecology
- Advanced Course in Laparoscopic Gynaecology focused on Hysterectomy and Myomectomy
- Hysteroscopy Course

LAPAROSCOPIC UROLOGY AND ENDOUROLOGY COURSES

Course Directors: Dr. Anil Bradoo, Dr. Pradeep Rao and Eminent National Faculty

- Basic Laparoscopic Urology Course
- Course on Percutaneous Nephrolithotripsy (PCNL)
- Upper Tract Endourology Course
- Advanced Laparoscopic Urology Course
- Partial Nephrectomy
- Advanced Laparoscopic Urology Course
- Radical Prostatectomy
- Course on Reconstructive Urology
- Course on Vascular Access
- Course on Benign Prostatic Hyperplasia
- Course on Stress Urinary Incontinence and Urodynamics
- Course on Lower Tract Endourology and ESWL

FLEXIBLE GI ENDOSCOPY TRAINING COURSES

Course Director: Dr. Amit Maydeo and Eminent National Faculty

- Diagnostic and Interventional Upper GI Endoscopy Course
- Diagnostic and Interventional Lower GI Endoscopy Course
- Third Space Endoscopic Surgery (EMR, ESD, POEM, STER)
- Intensive Course on ERCP

MINIMAL ACCESS PAEDIATRIC SURGERY TRAINING COURSES LAPAROSCOPY, THORACOSCOPY, UROLOGY

Course Director: Dr. Rasik Shah and Eminent National Faculty

- Intensive Minimal Access Paediatric Surgery Training Course
Laparoscopy, Thoracoscopy, Urology
- Advanced Minimal Access Paediatric Surgery Training Course
Laparoscopy, Thoracoscopy
- Advanced Minimal Access Paediatric Urology Training Course

Extensive Hands-on Training in Simulation and Porcine Tissue Lab

EAR, NOSE AND THROAT (ENT) COURSES

Course Directors: Dr. Milind Kirtane, Dr. Renuka Bradoo and Eminent National Faculty

- Course on Functional Endoscopic Sinus Surgery

Upcoming Courses

- Course on Cochlear Implant
- Course on Skullbase Surgery

BRONCHOSCOPY COURSES

Course Director: Dr. Pralhad Prabhudesai and Eminent National Faculty

- Diagnostic and Interventional Bronchoscopy Course

Upcoming Courses

- Advanced Bronchoscopy procedures

ARTHROSCOPY COURSES

Course Director: Dr. Anant Joshi and Eminent National Faculty

- Diagnostic and Interventional Knee Arthroscopy Course

Upcoming Courses

- Advanced Knee Arthroscopy Course
- Diagnostic and Interventional Shoulder Arthroscopy Course
- Advanced Shoulder Arthroscopy Course

ESSENTIAL SURGICAL SKILLS COURSE

Course Director: Dr. Madhuri Gore and Eminent National Faculty

7 PILLARS OF MINIMAL ACCESS SURGERY FOR OR NURSES IN ASSOCIATION WITH AORN, MUMBAI

Upcoming Minimal Access Surgery Speciality Training

Endospine | Surgery Fetoscopy | Neuro Surgery | Biomedical Engineers | Central Sterile Supply Department Personnel (CSSD)

For more information contact:

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Note : These programs are subject to change / modification.

All courses at cEMAST have Maharashtra Medical Council Accreditation with CME Credits

Center Endorsed by



cEMAST New Address:

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