

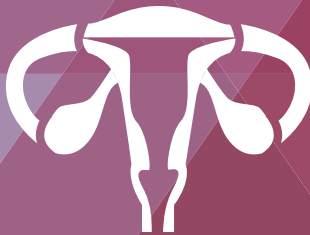
# ceMAST

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

An ISO 9001:2015 Certified Organization



## LAPAROSCOPIC GYNAECOLOGY AND HYSTEROSCOPY COURSE



Courses from  
January to June 2017

### Course Directors

Prof. Prashant Mangeshkar  
Dr. Neeta Warty  
Dr. Pranay Shah

### Chairman

Prof. Tehemton E. Udewadia

### 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

# Operative Techniques in Gynaecological Endoscopy

Acquisition of Basic and Advanced Endoscopic Skills | Endo-suturing | Hysteroscopy



**Course Dates**  
9<sup>th</sup> Jan - 11<sup>th</sup> Jan  
27<sup>th</sup> Feb - 1<sup>st</sup> Mar  
3<sup>rd</sup> Apr - 5<sup>th</sup> Apr  
19<sup>th</sup> June - 21<sup>st</sup> June

## Course Outline

Endoscopic surgery has become an integral part of a surgeon's practice. Procedures like Laparoscopic Myomectomy, Laparoscopic Hysterectomy and Hysteroscopy are now a patient demand as also a surgeon preference. Patients want to recover faster and go back to work quickly. Every surgeon practicing today needs to understand the principles and fundamentals of endoscopic surgery in gynaecology and avoid compromises and complications.

This three day course on operative techniques in gynaecological endoscopy encompasses an "all-in-one" approach to fulfil the dreams of any gynaecological surgeon to practice safe laparoscopic and hysteroscopic surgical procedures.

There are some unique challenges of laparoscopic surgery, like visuo-spatial orientation, basic motor skills and a steep learning curve. The purpose of this program is to reduce this concern, by providing comprehensive training that includes lectures, instructional videos, lab exercises and Porcine tissue lab training that will help to improve the confidence and competence of the surgeon.

## Course Objectives

- To understand the philosophy and ergonomics of laparoscopic surgery (less strain : better performance)
- To understand basic principles of energy sources
- To gain proficiency in two-handed dissection and improve hand-eye co-ordination
- To familiarize oneself with knot-tying and suturing, and with diagnostic procedures
- To review indications, technical details and pitfalls in laparoscopic gynaecology and hysteroscopy
- To understand prevention and management of complications of various gynaecological endoscopy procedures

## Who Should Attend ?

- Post graduate students
- Practicing gynaecologists, both junior as well as senior

## Course Highlights

- Lectures by expert faculty
- Supervised training in simulation and Porcine tissue laboratories
- TLH Session on Lap Mentor
- Plenty of opportunity for informal interaction with the faculty

<b>Course duration:</b>	<b>3 days</b>
<b>Course fees (inclusive of service tax):</b>	
<b>India, SAARC and African Countries:</b>	
<b>Practicing surgeons:</b>	<b>₹ 25,000/-</b>
<b>* Teaching Staff and Residents:</b>	<b>₹ 19,000/-</b>
<b>Other Countries:</b>	<b>\$ 850</b>

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

## DAY 1

08:30 am: Registration and Welcome

### Fundamentals of Laparoscopy

#### Theoretical sessions

- Endovision systems and laparoscopic instruments
- Port geometry, philosophy and setup of laparoscopic surgery (including ergonomics)
- Energy sources - monopolar, bipolar, vessel sealing devices, ultrasonic devices
- Anatomy of suturing

#### Hands - on Pelvi trainer session

- Handling objects, holding the camera, special attention to the left hand movement
- Extra-corporeal knotting and suturing
  - Roeder's knot
  - Slip knot
- Intra-corporeal knotting and suturing
  - Simple
  - Figure of 8

#### TLH session on LAP Mentor

05:30 pm: Close

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

## DAY 2

09:00 am

### Laparoscopy

#### Theoretical sessions with videos -

- Management of ovarian cysts
- Ectopic pregnancies
- Endometriosis
- Total Laparoscopic Hysterectomy
- Laparoscopic Myomectomy (lecture and video)
- Complications of laparoscopic procedures and their management

#### Hands-on training - Porcine tissue lab

- Insertion of Veress needle and trocar
- Carboperitoneum
- Port placement
- Pelvic Lymphadenectomy
- Organ retrieval
- Extra-corporeal and Intra-corporeal knotting
- Suturing of bowel, colon and urinary bladder

5:30 pm: Close

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



# DAY 3

09:00 am

## Fundamentals of Hysteroscopy

### Theoretical sessions

- Instrumentation and distension media
- Fluid management
- Complications of hysteroscopy and management
- Septum
- Polypectomy
- Submucosal fibroids

### Hands-on biological Hysterotrainer session

- Diagnostic
- Safe use of energy sources
- Polypectomy
- Endo resection
- Septum resection

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

5:30 pm: Close

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



## Laparoscopic Knotting and Suturing Course in Gynaecology

### Course Dates

8<sup>th</sup> Feb - 9<sup>th</sup> Feb  
15<sup>th</sup> Mar - 16<sup>th</sup> Mar  
19<sup>th</sup> Apr - 20<sup>th</sup> Apr  
24<sup>th</sup> May - 25<sup>th</sup> May



### Course Outline

Laparoscopic suturing is an absolute necessity for advanced laparoscopy. The skills of knot-tying and suturing take the gynaecologist to a higher level to perform safe, advanced laparoscopic surgeries.

Laparoscopic surgery requires good knowledge of ergonomics and basics of intra and extra corporeal suturing. We have formulated a training program which looks into fundamental principles of suturing including port geometry and anatomy of a stitch.

This extensive hands-on training course specifically teaches candidates a set of skills which will act as building blocks to safe execution of knot-tying and suturing. This course provides theoretical concepts, operating on harvested Porcine tissue and demonstration of suturing techniques. This course also includes introduction to 3D suturing.

## Course Objectives

At the end of the course, each participant should:

- Have an understanding of instrumentation for knot-tying and suturing
- Be familiar with basic principles of different kinds of suturing
- Be able to perform different kinds of extra and intra corporeal suturing correctly
- Be able to create and apply an Endo-loop
- Be able to manage bladder and bowel injuries

## Who Should Attend ?

- Gynaecologists who plan to perform advanced laparoscopic surgeries
- To gain confidence in managing complications like bladder or bowel injuries
- To familiarize oneself with various modalities of suturing and newer needles and suture materials
- To understand the ergonomics of intracorporeal suturing and port placement

## Course Highlights

- This course covers a range of exercises on simulated and harvested Porcine tissues in a pelvi trainer
- Extensive practice on knotting and suturing in the Porcine tissue lab with lectures and interactive videos will provide adequate knowledge on the nuances of suturing and knotting techniques in laparoscopy
- Suturing Session of Lap Mentor

<b>Course duration:</b>	<b>2 days</b>
<b>Course fees (inclusive of service tax):</b>	
<b>India, SAARC and African Countries:</b>	
<b>Practicing surgeons:</b>	<b>₹ 17,000/-</b>
<b>* Teaching Staff and Residents:</b>	<b>₹ 13,000/-</b>
<b>Other Countries:</b>	<b>\$ 550</b>

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## Course Program

### DAY 1

08:30 am: Registration and Welcome

#### Theoretical sessions

- Suture and ligature materials
- Needle holders and knot pushers
- Fundamental principles of knotting
- External slip knots
- Intra-corporeal suturing
- Anatomy of a stitch
- Geometry of a stitch
- Surgeons' knot
- Difficulties in suturing
- Overcoming problems

#### Suturing Session on Lap Mentor

#### Hands-on Pelvi trainer session on simulated tissue and harvested Porcine tissue

- Basic exercises
- Extra-corporeal suturing techniques
- Intra-corporeal suturing techniques
  - Handling the needle
  - Surgical knots
- Varied Techniques
  - Interrupted simple suture
  - Mattress suture
  - Continuous suture
  - Figure of 8 suture

05:30 pm: Close

10:30 am to 10:45 am	Tea break
01:00 pm to 01:45 pm	Lunch
04:00 pm to 04:15 pm	Tea break

# DAY 2

08:30 am

## Theoretical sessions

- Vascular injuries and management

## Hands-on training harvested Porcine tissue

- Repair of bladder
- Repair of bowel

## Introduction to 3D Suturing

## Video session on procedures and suturing

- Test on knot-tying
- MCQs
- Feedback
- Certification
  - For Course
  - 4 CME points from MMC

5:30 pm: Close

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



## Advanced Course in Laparoscopic Gynaecology focused on Hysterectomy and Myomectomy

### Course Dates

13<sup>th</sup> Feb - 15<sup>th</sup> Feb  
20<sup>th</sup> Mar - 22<sup>nd</sup> Mar  
24<sup>th</sup> Apr - 26<sup>th</sup> Apr  
29<sup>th</sup> May - 31<sup>st</sup> May



### Course Outline

To provide adequate knowledge for safe advanced laparoscopic surgeries. The idea of this course is to help the participants get familiar with procedures like Total Laparoscopic Hysterectomy, Laparoscopic Myomectomy and Endometriosis. The participants will also be exposed to extensive hands-on practice to develop hand-eye co-ordination, port geometry, dissection and suturing in the simulation and Porcine tissue laboratory, required for advanced laparoscopic surgeries.

## Course Objectives

- At the end of the course, each participant should:
- Understand the safe use of energy sources and vessel sealing devices
  - Be able to perform intra and extra-corporeal suturing
  - Understand the essential steps of Total Laparoscopic Hysterectomy and Laparoscopic Myomectomy
  - Understand the prevention and management of complications in laparoscopy
  - An important aspect of this course is to formulate a checklist to prevent potential complications in laparoscopic surgeries

## Who Should Attend ?

- Gynaecologists with basic surgical skills should attend to broaden their repertoire of laparoscopic surgical interventions, understand energy sources in laparoscopy and learn laparoscopic suturing
- Gynaecologists with laparoscopic surgical skills should attend to observe a particular advanced procedure demonstrated like Total Laparoscopic Hysterectomy, Myomectomy, Lymphadenectomy etc. Senior gynaecology residents should attend to be introduced to Minimal Access Surgery skills that will lead to a proficiency in basic laparoscopic surgery

## Course Highlights

- This course takes you through various levels of exercises on simulated and harvested Porcine tissues in a Pelvi trainer. Extensive practice on suturing in Porcine tissue lab and observing procedures in OR
- The most outstanding highlight of this course is the extensive, practical hands-on experience of performing a laparoscopic Myomectomy and Hysterectomy in the laboratory setup
- TLH Session on Lap Mentor

<b>Course duration:</b>	<b>3 days</b>
<b>Course fees (inclusive of service tax):</b>	
<b>India, SAARC and African Countries:</b>	
<b>Practicing surgeons:</b>	<b>₹ 25,000/-</b>
<b>* Teaching Staff and Residents:</b>	<b>₹ 19,000/-</b>
<b>Other Countries:</b>	<b>\$ 850</b>

\* 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

- General considerations in laparoscopic surgery
- Instrumentation and OR setup (lecture and demonstration)
- Ergonomics and port geometry
- Energy sources
  - Monopolar and bipolar energy
  - Vessel sealing devices
  - Ultrasonic energy
- Suturing and knotting techniques (Ipsilateral / Contralateral)
  - Needle holders and knot pushers
  - Extra-corporeal and Intra-corporeal suturing

#### Hands-on Pelvi trainer session on simulated tissue and harvested Porcine tissue

- Basic exercises
- Extra-corporeal knotting techniques
- Intra-corporeal suturing techniques
  - Handling the needle
  - Surgical knots
- Varied Techniques
  - Interrupted simple suture
  - Mattress suture
  - Continuous suture
  - Figure of 8 suture

#### TLH Session on Lap Mentor

05:30 pm: Close

10:30 am to 10:45 am	Tea break
01:00 pm to 01:45 pm	Lunch
04:00 pm to 04:15 pm	Tea break

# DAY 2

08:30 am

## Theoretical sessions

- Laparoscopic Myomectomy
- Laparoscopic Hysterectomy
- Complications

## Hands-on training harvested Porcine tissue

- Laparoscopic Myomectomy
- Laparoscopic Hysterectomy
- Cystostomy and bladder reconstruction
- Ureteric dissection
- Pelvic lymphadenectomy
- Suturing of bowel
- Organ retrieval

## Special session on Medico Legal Issues by Dr. Gopinath Shenoy

5:30 pm: Close

10:30 am to 10:45 am  
01:00 pm to 01:45 pm  
04:45 pm to 05:00 pm

Tea break  
Lunch  
Tea break



# DAY 3

09:30 am

## Edited or unedited videos / Live Surgery Telecast

- Laparoscopic surgery for fibroids
- Total Laparoscopic Hysterectomy

## Lunch

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

4:00 pm: Close

02:00 pm to 03:00 pm

Lunch



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



# Hysteroscopy Course

## Course Dates

10<sup>th</sup> Feb - 11<sup>th</sup> Feb  
17<sup>th</sup> Mar - 18<sup>th</sup> Mar  
21<sup>st</sup> Apr - 22<sup>nd</sup> Apr  
26<sup>th</sup> May - 27<sup>th</sup> May



## Course Outline

Hysteroscopy is an essential tool in the armamentarium of gynaecologists today. The basic objective of this course is to provide adequate knowledge for safe hysteroscopic surgeries, understanding the distention media, distention systems and energy sources.

This course would encompass Diagnostic Hysteroscopy and Operative Hysteroscopy including Polypectomy, Adhesiolysis, Myomectomy and Endometrial resection. Special emphasis would be laid on instrumentation, role of hysteroscopy in infertility together with prevention and management of complications.

## Course Objectives

At the end of the course, each participant should:

- Be able to do Hysteroscopy for infertility
- Identify and treat polyps, intra uterine adhesions and a septum in the endometrial cavity
- Understand the distention media and the distention systems including their safety
- Be able to diagnose and manage complications of Hysteroscopy
- Have working knowledge to perform Hysteroscopic Myomectomy and Endometrial resection

## Who Should Attend ?

- Postgraduates, Practicing Gynecologists, Gynaecological Endoscopic Surgeons
- Those who want to introduce Hystero-Laparoscopies in their practice
- Those who are performing diagnostic Hysteroscopies but want to progress to operative procedures
- Those already performing advanced procedures but would like to share experiences to further enhance their skills and obtain another experts' perspective / approach

## Course Highlights

- This course takes you through various levels of extensive hands-on exercises on the biological hysterotrainer
- Lectures with interactive edited as well as unedited video sessions dealing with Office Hysteroscopy as well as Hysteroscopic Surgery will be conducted during the course

<b>Course duration:</b>	<b>2 days</b>
<b>Course fees (inclusive of service tax):</b>	
<b>India, SAARC and African Countries:</b>	
<b>Practicing surgeons:</b>	<b>₹ 20,000/-</b>
<b>* Teaching Staff and Residents:</b>	<b>₹ 15,000/-</b>
<b>Other Countries:</b>	<b>\$ 650</b>

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# Course Program

## DAY 1

08:30 am: Registration and Welcome

### Theoretical sessions

- Instrumentation and OR setup
- Distention media
- Energy sources
- Diagnostic Hysteroscopy
- Office Hysteroscopy
- Operative Hysteroscopy
- Resectoscopy
- Complications

### Hands-on biological Hysterotrainer session

- Diagnostic
- Safe use of energy sources
- Use of the resectoscope
- Polypectomy
- Cannulation
- Endo resection
- Septum resection
- Adhesiolysis

05:30 pm: Close

10:30 am to 10:45 am	Tea break
12:45 pm to 01:30 pm	Lunch
04:15 pm to 04:30 pm	Tea break

## DAY 2

09:00 am

Edited or unedited videos / Live Surgery Telecast

Lunch

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

Special session on Medico Legal Issues by  
Dr. Gopinath Shenoy

- Feedback

04:00 pm: Close

01:00 pm to 02:00 pm	Lunch
03:00 pm to 03:15 pm	Tea break



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



## FACULTY PANEL

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Dr. Padmawar Ameya	(Mumbai)
Dr. Pai Dhungat Nitin	(Mumbai)

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## Extensive hands-on exposure on Lap Mentor

### 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](http://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 ceMAST
- 3 star/equivalent hotel including breakfast

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

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**CEMAST - Courses are specially designed to suit your needs**



**Today's Training is Tomorrows Skill**



**Minimal Access Surgery Course at CEMAST 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 Mangeshikar, 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

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### 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:

Center of Excellence for Minimal Access Surgery Training  
Ground Floor, Poonam Chambers, B-Wing, Opp. Atria Mall,  
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