

INTEGRATED FELLOWSHIP IN MINIMAL ACCESS SURGERY (F.MAS) & DIPLOMA IN MINIMAL ACCESS SURGERY (D.MAS)

(15 Days Course)

FELLOWSHIP IN MINIMAL ACCESS SURGERY (F.MAS) COURSE

F.MAS : Day 1

9:00am - 10:00pm
Registration

10:00am - 12:00pm

For Surgeons and Gynecologists: Presentation of Past Present and Future of Minimal Access Surgery, Introduction of Robotics, HALS, NOTES, TEM and SILS

12:00pm - 01:00pm

For Surgeons and Gynecologists: Lecture and Demonstration of Laparoscopic Suturing and knotting followed by practice of **extracorporeal Roder's, Meltzer's and Mishra Knot** for Free Structure followed by practice of laparoscopic extracorporeal knot over appendix and fallopian tube. Hands-On practice of Laparoscopic **Extracorporeal Knotting for Continuous Structure** like Cystic Duct, Uterine artery, Splenic or Renal Arteries (Hands-On Training) + Laparoscopic Square knot to Myoma and Fundoplication Burch suspension, Partial nephrectomy, rectal prolapse and vault closure in total laparoscopic hysterectomy.

LUNCH : 01:00pm - 01:45pm

01:45pm - 03:45pm

Hands-On Practice For Surgeons and Gynecologists: laparoscopic Suturing and knotting followed by practice of **extracorporeal Roder's, Meltzer's and Mishra Knot** for Free Structure followed by practice of laparoscopic extracorporeal knot over appendix and fallopian tube. Hands-On practice of Laparoscopic **Extracorporeal Knotting for Continuous Structure** like Cystic Duct, Uterine artery, Splenic or Renal Arteries (Hands-On Training) + Laparoscopic Square knot to Myoma and Fundoplication Burch suspension, Partial nephrectomy, rectal prolapse and vault closure in total laparoscopic hysterectomy.

03:45pm - 05:00pm

For Surgeons and Gynecologists: Demonstration of Instrument Design Part I: Demonstration and Discussion of principles of Laparoscopic Port Access Instruments, Laparoscopic Dissecting instruments, Various Graspers application and how to use different Scissors. Instruments used for closed and open Laparoscopic Access technique including Hassons Technique, Visiport and safety trocars. How to access inside abdominal cavity during laparoscopic surgery for General Surgeons, Paediatric Surgeon, Gynaecologists and Urologists.

F.MAS : Day 2

08:30am - 10:30am

For Surgeons and Gynecologists: **Demonstration of Instrument Design Part II:** Principles of Laparoscopic Reusable dissecting and access Instruments, Non-electrical instrument including Harmonic Probes for Surgeons, Gynaecologists and Urologists. Principles of Port Closure Instruments and various Uterine Manipulators.

10:30am - 01:00pm

For Surgeons and Gynecologists: Lecture of **Advantage and Disadvantage Indications** of Minimal Access Surgery and its various complications. How to do case selection in minimal access surgery. Effect of pneumoperitoneum on hemodynamic of patient and how to manage those complications. It discusses appropriate indications and complications like bleeding, organ injury, and pneumoperitoneum-related hemodynamic changes. Case selection strategies are emphasized, guiding surgeons to assess patient factors, comorbidities, and disease complexity to ensure safety and optimal outcomes. The session also explains the physiological effects of pneumoperitoneum, including changes in cardiac output and respiratory mechanics, and provides management techniques to prevent or address complications, ensuring patient stability and safe surgical practice.

LUNCH : 01:00pm - 01:45pm

01:45pm - 03:45pm

Hands-On Practice For Surgeons and Gynecologists: **Extracorporeal Square Knot** for Fundoplication, Myomectomy, Pyeloplasty, Duodenal perforation, Hiatus hernia, Supracervical Hysterectomy and pediatric hernia. (Hand On Training on Tissue in O. T. environment).

03:45pm - 05:00pm

For Surgeons and Gynecologists: **Laparoscopic Insufflator** and Discussion of **Quadromanometric Principles** of Microprocessor Controlled Digital Insufflator. Principles of Cystoscopic, Hysteroscopic and Urological Instruments, Medex pump and Retroperitoneoscopic Instruments and Ergonomics of O. T. setup of these instruments in Operation Theatre. Demonstration of Bipolar Mono polar, Ligasure and Harmonic Scalpel.

F.MAS : Day 3**08:30am - 10:30am**

For Surgeons and Gynecologists: Demonstration of Discussion of Endovision System **Part I** used in minimal access surgery with different diameter, different visual axis and different number of Rod Lenses, Principles of Camera, including Single chip and three chip camera. Difference in SD and HD Camera. Difference between Interlaced and Progressive HD Monitor, Various light sources including difference in functionality of Xenon and LED light sources and light cables, Fibre optic and Gel cables.

10:30am - 01:00pm

For Surgeons and Gynecologists: Lecture and Demonstration of Various **Laparoscopic Access Techniques** for Surgeons, Gynaecologists and Urologists including Veress Needle, Hassons method, Scandinavian method and Fielding method of Access. Use of Visiport and optical needle. Complications of Access Technique and How to manage those complication. **Baseball Diamond** Principle of Laparoscopic Port Positioning. Video Presentation of Exact point where one should put the port during various Laparoscopic Procedures to achieve the ergonomics to task performance. This is one of the most important principles not taught anywhere in the World except by R.K. Mishra who is inventor of this principle.

LUNCH : 01:00pm - 01:45pm**01:45pm - 03:45pm**

Hands-On Practice For Surgeons and Gynecologists: Laparoscopic **Intracorporeal Surgeons Knot** used for Tuboplasty, Bowel anastomosis, Vault closure, Enterotomy repair, bladder injury and pyeloplasty (Hands On Training on Tissue in O. T. environment).

03:45pm - 05:00pm

For Surgeons and Gynecologists: Demonstration of Discussion of Endovision System **Part II** used in minimal access surgery with different diameter, different visual axis and different number of Rod Lenses, Principles of Camera, including Single chip and three chip camera. Difference in SD and HD Camera. Difference between Interlaced and Progressive HD Monitor, Various light sources including difference in functionality of Xenon and LED light sources and light cables, Fibre optic and Gel cables.

F.MAS : Day 4

08:30am - 10:30am

Hands-On Practice For Surgeons and Gynecologists: Intracorporeal Surgeon's Knot with choreographic movement without swording of instrument. The Intracorporeal Surgeon's Knot session teaches surgeons precise, choreographed suturing techniques without swording instruments. Participants practice controlled needle handling, smooth knot formation, and efficient tissue approximation, enhancing dexterity, hand-eye coordination, and safety during laparoscopic procedures while minimizing instrument collisions and improving operative efficiency.

10:30am - 01:00pm

For Surgeons and Gynecologists: Laparoscopic Dissection Techniques Part I (Presentation and Discussion of Principles behind Monopolar, Bipolar, Harmonic Scalpel, Ligasure, Plasmasect, and Argon beamer and laser for Gynecological, Surgical and Urological Procedures. Various complications of energy sources including insulation failure, Direct Coupling, Capacitative Coupling and how to prevent it. Practical demonstration of working of all type of energy sources including principle of active electrode monitoring system.

LUNCH : 01:00pm - 01:45pm

01:45pm - 03:45pm

Hands-On Practice For Surgeons and Gynecologists: Intracorporeal Tumble Square Knot for Fundoplication, Myomectomy, Pyeloplasty, Duodenal perforation, Hiatus hernia, Supracervical Hysterectomy and pediatric hernia.

03:45pm - 05:00pm

For Surgeons and Gynecologists: Lecture of Laparoscopic **pelvic anatomy**. The lecture on Laparoscopic Pelvic Anatomy provides an essential understanding of the intricate structures encountered during minimally invasive surgery. It highlights key landmarks such as the uterus, ovaries, fallopian tubes, bladder, ureters, rectum, and pelvic vessels, emphasizing their spatial relationships under laparoscopy. Special attention is given to the pelvic sidewall, ureteric course, and vascular anatomy to prevent complications. The lecture also demonstrates laparoscopic visualization techniques, orientation tips, and clinical relevance in gynecologic and general surgery. By combining anatomy with surgical applications, the session equips surgeons with the knowledge to perform safe, precise, and effective laparoscopic procedures in the pelvis.

F.MAS : Day 5**08:30am - 10:30am**

Hands-On Practice For Surgeons and Gynecologists: Intracorporeal Tumble Square Knot for Fundoplication, Myomectomy, Pyeloplasty, Duodenal perforation, Hiatus hernia, Supracervical Hysterectomy and pediatric hernia. (Hand On Training on Tissue in O. T. environment).

10:30am - 01:00pm

For Surgeons and Gynecologists: Laparoscopic Dissection Techniques Part II (Presentation and Discussion of Principles behind Monopolar, Bipolar, Harmonic Scalpel, Ligasure, Plasmasect, and Argon beamer and laser for Gynecological, Surgical and Urological Procedures. Various complications of energy sources including insulation failure, Direct Coupling, Capacitative Coupling and how to prevent it. Practical demonstration of working of all type of energy sources including principle of active electrode monitoring system.

LUNCH : 01:00pm - 01:45pm**01:45pm - 02:00pm (Combined Demo)**

Laparoscopic Intracorporeal Continuous Suturing with Dundee Jamming Knot and Aberdeen Termination (Hands On Training in O. T. environment). Use of continuous suturing in hernia surgery urinary bladder repair and gastric plication, sleeve gastrectomy and TLH.

02:00pm - 03:30pm

For Gynecologists: Lap Tubal Surgery (Presentation of laparoscopic Salpingostomy, Ectopic pregnancy, Salpingo-Oophorectomy and two port techniques of Tubal Cyst resection)

For Surgeons: Lab Practice

03:30pm - 05:00pm

For Gynecologists: Lab Practice

For Surgeons: Lecture and Video demonstration on Laparoscopic Appendicectomy Technique (Presentation of various ways of doing Laparoscopic Appendicectomy including two port appendicectomy stapler appendicectomy and Retrocecal Appendicectomy)

F.MAS : Day 6**09:00am - 03:30pm**

Hands-On Practice For Gynecologists Wet Lab: The Hands-On Practice for Gynecologists in the Wet Lab offers a unique opportunity to refine surgical skills in a controlled environment. Participants practice essential laparoscopic and hysteroscopic techniques on simulated tissues and animal models, focusing on instrument handling, dissection, suturing, and knot tying. The wet lab setting bridges the gap between theory and real surgery, allowing gynecologists to gain confidence before operating on patients. Emphasis is placed on precision, ergonomics, and complication management. This practical training enhances hand-eye coordination, improves surgical efficiency, and prepares gynecologists to perform advanced minimally invasive procedures with safety and confidence in clinical practice.

10:00am - 01:00pm

For Surgeons: Lecture and Video demonstration on **Laparoscopic Cholecystectomy** Technique (Presentation of various ways of doing Laparoscopic Cholecystectomy including two port cholecystectomy and SILS Cholecystectomy).

LUNCH : 01:00pm - 01:45pm**01:45pm - 03.45pm**

For Surgeons: Surgeons Management of difficult laparoscopic cholecystectomy and complications of laparoscopy cholecystectomy. The management of difficult laparoscopic cholecystectomy requires careful dissection, identification of the critical view of safety, and readiness to convert to open surgery if needed. Surgeons must handle dense adhesions, aberrant anatomy, and bleeding with precision. Common complications include bile duct injury, bleeding, and bile leak. Prompt recognition, intraoperative strategies, and postoperative management are vital to ensure patient safety and achieve optimal surgical outcomes.

03:45pm - 05.00pm

For Surgeons: Lecture and video demonstration of various ways of Doing **Trans abdominal Pre peritoneal (TAPP)** Laparoscopic Hernia Repair including two port hernia repair, Hernia without tackers, and staplers. For Gynecologists PowerPoint Presentation and video demonstration of various ways of Doing Laparoscopic Hysterectomy including vaginal part of LAVH using suturing technique and using ligasure and harmonic wave For Urologists PowerPoint Presentation and video demonstration of various ways of Doing Varicocelelectomy.

F.MAS : Day 7

09:00am - 03:30pm

Hands-On Practice For Surgeons Wet Lab: The Hands-On Practice for Surgeons in the Wet Lab provides an invaluable platform to develop and refine laparoscopic and endoscopic skills in a risk-free environment. Surgeons practice essential techniques such as port placement, tissue handling, dissection, hemostasis, suturing, and intracorporeal knot tying using animal tissues and advanced simulators. The wet lab emphasizes accuracy, ergonomics, and complication management, bridging the gap between theory and live surgery. This training builds confidence, enhances hand-eye coordination, and prepares surgeons for complex minimally invasive procedures. By mastering skills in the wet lab, surgeons ensure safer operations and improved patient outcomes in clinical practice.

10:00am - 01:00pm

For Gynecologists: Lecture and video demonstration of **Total Laparoscopic Hysterectomy** including hysterectomy for big uterus and uterus with multiple fibroid. Laparoscopic Pediatric Surgery (Presentation of various laparoscopic and Thoracoscopic pediatric surgery).

LUNCH : 01:00pm - 01:45pm

01:45pm - 03:45pm

For Gynecologists: Lecture and Video demonstration and Discussion of principles of Laparoscopic Ovarian Surgery (Presentation of laparoscopic oophorectomy, Ovarian Cystectomy including laparoscopic resection of Endometrioma).

03:45pm - 05:00pm

For Gynecologists: Demonstration of Ligasure and Harmonic. The demonstration of LigaSure and Harmonic devices provides surgeons with practical insights into advanced energy platforms used in laparoscopic and open surgeries. LigaSure utilizes bipolar energy with pressure to seal vessels up to 7 mm, ensuring reliable hemostasis with minimal lateral thermal spread. The Harmonic scalpel, based on ultrasonic vibrations, allows precise cutting and coagulation with reduced smoke and thermal injury. During the session, participants observe tissue dissection, vessel sealing, and hemostasis techniques, comparing efficiency, safety, and applications of both devices. This demonstration enhances understanding of energy sources, enabling surgeons to select the optimal tool for specific surgical scenarios.

F.MAS : Day 8

09:00am - 03:30pm

Hands-On Practice For Gynecologists Wet Lab: The Hands-On Practice for Gynecologists in the Wet Lab is designed to provide practical exposure and skill development in minimally invasive gynecologic surgery. Participants practice laparoscopic techniques such as port placement, tissue dissection, suturing, knot tying, and energy device application on animal models and simulators. The training emphasizes safe handling of instruments, anatomical orientation, and complication management. By simulating real surgical scenarios, the wet lab enhances precision, hand-eye coordination, and confidence.

09:00am - 10:30am

For Surgeons: Endoscopy live case Demonstration

10:30am - 01:00pm

For Surgeons: Lecture of **Lap Ventral Hernia Repair**. The lecture on Laparoscopic Ventral Hernia Repair covers patient selection, trocar placement, adhesiolysis, and mesh fixation techniques. It highlights advantages such as reduced pain, faster recovery, and lower recurrence. The session also addresses complications, prevention strategies, and advances in mesh technology, ensuring safe and effective surgical management of ventral hernias.

LUNCH : 01:00pm - 01:45pm

01:45pm - 03:45pm

For Surgeons: Lecture and video demonstration of **Totally Extra Peritoneal (TEP) Repair of Inguinal Hernia**. (PowerPoint Presentation of various ways of Doing Extracorporeal Hernia Repair including Hernia surgery with and without tackers, and staplers using various suturing techniques. Laparoscopic Paediatric Surgery contain demonstration of various laparoscopic and Thoracoscopic paediatric surgery.

03:45pm - 05:00pm

For Surgeons: Demo of ligasure / Harmonic. The demo of LigaSure and Harmonic showcases advanced vessel sealing and dissection technologies. Participants observe precise cutting, coagulation, and hemostasis with minimal thermal damage. The session emphasizes efficiency, safety, and appropriate device selection for various laparoscopic and open surgical procedures.

F.MAS : Day 9

09:00am - 03:30pm

Hands-On Practice for Surgeons Wet Lab: The Hands-On Practice for Surgeons in the Wet Lab offers a structured platform to master essential laparoscopic and advanced surgical skills in a controlled environment. Surgeons practice port placement, tissue dissection, suturing, knot tying, hemostasis, and safe use of energy devices on animal tissues and simulators. Emphasis is placed on improving hand-eye coordination, ergonomics, precision, and complication management. The wet lab bridges the gap between theoretical learning and real surgical practice, allowing surgeons to refine their techniques before performing on patients. This practical exposure enhances surgical confidence, reduces intraoperative errors, and contributes to safer, more efficient clinical outcomes.

09:00am - 10:30am

For Gynecologists: Lecture and video demonstration of Diagnostic and Operative Hysteroscopy (Presentation of various hysteroscopic procedures including TCRE, Polypectomy, Hysteroscopic Myomectomy and Metroplasty). The lecture and video demonstration of Diagnostic and Operative Hysteroscopy cover key procedures including TCRE, polypectomy, hysteroscopic myomectomy, and metroplasty. The session emphasizes instrumentation, technique, safety, and complication management, providing gynecologists with comprehensive insights to perform minimally invasive intrauterine surgeries effectively and with improved patient outcomes.

10:30am -01:00pm

For Gynecologists: Lecture and video demonstration of Difficult Total Laparoscopic Hysterectomy. The lecture and video demonstration of Difficult Total Laparoscopic Hysterectomy highlight surgical strategies for large uteri, multiple fibroids, dense adhesions, and distorted anatomy. The session emphasizes safe dissection, vessel control, ureteric safety, and complication management, enhancing surgeons' skills in performing challenging hysterectomies with precision and patient safety.

LUNCH : 01:00pm - 01:45pm

01:45am -03:45pm

For Gynecologists: Lab Hysteroscopy Practice. The Lab Hysteroscopy Practice provides gynecologists with hands-on training in diagnostic and operative hysteroscopy using simulators and models. Participants practice uterine cavity evaluation, polyp and fibroid removal, and endometrial procedures. This training enhances precision, confidence, and safety in performing minimally invasive intrauterine surgeries.

04:00pm - 04:30pm

For Surgeons and Gynecologists: F.MAS Examination (**Multiple Choice Question**)

F.MAS : Day 10**09:00am - 10:30am****For Surgeons and Gynecologists:** Discussion of F.MAS examination**10:30am - 01:00pm**

For Surgeons and Gynecologists: Lecture and video demonstration of Mistake and Error in Minimal Access Surgery. The lecture and video demonstration on Mistakes and Errors in Minimal Access Surgery focus on identifying, analyzing, and preventing common pitfalls encountered during laparoscopic procedures. The session highlights errors related to trocar placement, inadequate anatomical identification, improper use of energy devices, and poor ergonomics that may compromise safety. Real surgical videos demonstrate typical mistakes such as bleeding due to vessel injury, bowel or bladder trauma, and complications from misjudgment of tissue planes. Practical strategies for prevention, including adherence to surgical principles, maintaining the critical view, careful energy application, and readiness to convert when required, are emphasized. Participants learn the importance of vigilance, teamwork, and checklists in minimizing intraoperative risks. This lecture equips surgeons with the knowledge to recognize errors early, adopt corrective measures, and improve surgical outcomes. By learning from mistakes, surgeons enhance patient safety and strengthen their competence in minimal access surgery.

02:00pm - 04:30pm

For Surgeons and Gynecologists: **Convocation** of Fellowship in Minimal Access (F.MAS). The Convocation of Fellowship in Minimal Access Surgery (F.MAS) is a prestigious ceremony that marks the culmination of rigorous training and assessment in laparoscopic and endoscopic surgery. It is a moment of pride where surgeons from diverse regions gather to celebrate their academic and professional achievements. The event highlights the successful completion of comprehensive programs that combine lectures, video demonstrations, wet lab practice, and hands-on surgical training. Graduates are awarded fellowship certificates, symbolizing their competence and commitment to the highest standards of minimal access surgery. The convocation often includes motivational speeches by eminent faculty, reflections from graduating fellows, and recognition of outstanding performers. It fosters a sense of unity, professional growth, and lifelong learning among participants. Beyond being an academic milestone, the convocation inspires surgeons to apply their advanced skills in real-world practice, ensuring safer surgeries, better outcomes, and continued excellence in patient care.

DIPLOMA IN MINIMAL ACCESS SURGERY (D.MAS) COURSE

D.MAS: Day 11

09:00am - 10:30am

Hands-On Practice For Surgeons and Gynecologists: Ipsilateral Knotting Extra and Intra-corporeal Suturing on tissue and repeat all Previous Knot. The Ipsilateral Knotting Extra and Intra-corporeal Suturing session trains surgeons in advanced laparoscopic suturing techniques directly on tissue models. Participants practice both extracorporeal and intracorporeal knotting, focusing on precision, tension control, and needle handling. The ipsilateral approach simplifies ergonomics, improving efficiency and reducing fatigue. The session bridges theory with real surgical application, preparing participants to perform secure tissue approximation and hemostasis during minimally invasive procedures with safety and reliability.

10:30am - 01:00pm

For Surgeons, Urologists and Gynecologists: Lecture and video demonstration and Discussion of principles of Laparoscopic **Burch Suspension, Hysteropexy, Pectopexy, Sacrocolpopexy.**

Lunch : 01:00pm - 01:45pm

01:45pm - 05:00pm

Hands-On Practice for Surgeons: Demonstration of **Extra Corporeal Western Knot** and Laparoscopic Hands-On Extra corporeal western knot on tissue. The demonstration of Extra Corporeal Western Knot introduces surgeons to a reliable laparoscopic suturing method performed outside the body and advanced into the operative field. Participants observe step-by-step execution and then practice hands-on knot tying on tissue models. This session emphasizes knot security, precision, and ergonomics, helping surgeons gain confidence in applying extracorporeal techniques effectively during minimally invasive procedures.

03:30pm - 05:00pm

For Surgeons: Lecture of **Fundoplication** for Surgeon only. The lecture on Fundoplication for surgeons covers indications, preoperative evaluation, and step-by-step laparoscopic techniques for treating gastroesophageal reflux disease. It emphasizes esophageal mobilization, hiatal repair, and wrap construction, along with complication management. The session enhances surgical understanding, precision, and decision-making in advanced anti-reflux procedures.

D.MAS: Day 12

09:00am - 10:30am

For Surgeons and Gynecologists: Ventral Hernia Practice in Lab. Ventral Hernia Lab Practice for Surgeons and Gynecologists provides hands-on training in laparoscopic techniques, including port placement, adhesiolysis, defect closure, and mesh fixation. Participants practice on models to enhance precision, ergonomics, and complication management, building confidence and skills for safe, effective management of ventral hernias in clinical practice.

10:30am - 1:00pm

For Gynecologists: Lecture of Myomectomy Lecture for Gynae only. The Myomectomy lecture for gynecologists covers indications, preoperative planning, and step-by-step surgical techniques for open and laparoscopic myomectomy, emphasizing safe dissection, hemostasis, and preservation of uterine function.

10:30am - 1:00pm

For Surgeons: Lecture of CBD Exploration for Surgeon only. The CBD Exploration lecture for surgeons focuses on indications, preoperative evaluation, and step-by-step techniques for laparoscopic and open common bile duct exploration, emphasizing safe stone clearance, ductal repair, and complication management.

Lunch: 01:00pm - 01:45pm

01:45pm - 03:30pm

For Surgeons: Lecture and video demonstration and Discussion of principles of Laparoscopic Colorectal Surgery.

01:45pm - 05:00pm

Hands-On Practice For Gynecologists: Laparoscopic Hands-On Baseball Suturing Knotting on Tissue. Laparoscopic hands-on baseball suturing trains surgeons in precise knotting and tissue approximation, enhancing dexterity, accuracy, and confidence in minimally invasive procedures. Demonstration and hands-on resectoscope practice allows gynecologists to master intrauterine procedures, including resection, coagulation, and tissue handling, improving precision and surgical confidence.

03:30pm - 05:00pm

Hands-On Practice For Surgeons: Laparoscopic Hands-On Baseball Suturing Knotting on Tissue. Laparoscopic hands-on baseball suturing trains surgeons in precise knotting and tissue approximation, enhancing dexterity, accuracy, and confidence in minimally invasive procedures.

D.MAS: Day 13**09:00am - 3:30pm**

Hands-On Practice for Gynecologists Wet Lab: The Hands-On Practice for Gynecologists in the Wet Lab provides practical training in laparoscopic and hysteroscopic procedures. Participants practice port placement, tissue dissection, suturing, knot tying, and energy device handling on models and animal tissues. This enhances precision, hand-eye coordination, and confidence, bridging theory and real surgical experience.

For Gynecologists: Gynae can perform **Burch colposuspension**, Pectopexy, Sacrocolpopexy and Previous all F.MAS wet lab surgeries.

09:00am - 10:30am

For Surgeons: Lecture **Splenectomy**. The lecture on Splenectomy for surgeons covers indications, preoperative assessment, and step-by-step surgical techniques for open and laparoscopic approaches. Emphasis is placed on vascular control, spleen mobilization, and safe tissue handling. The session also addresses potential complications, postoperative care, and strategies to ensure safe, effective, and precise splenectomy outcomes.

10:30am - 01:00pm

For Surgeons: Lecture **Solid Organs**, Nephrectomy, Pyeloplasty. The lecture for surgeons on solid organs covers laparoscopic and open approaches to nephrectomy and pyeloplasty. It emphasizes anatomical orientation, step-by-step surgical techniques, vessel and tissue handling, and complication management, enhancing surgeons' skills for safe, precise, and effective procedures in renal and urologic surgery.

Lunch : 01:00pm - 01:45pm**01:45pm - 03:30pm**

For Surgeons: Lap Bariatric Surgery. Laparoscopic Bariatric Surgery for surgeons covers indications, preoperative evaluation, and step-by-step techniques for procedures like gastric bypass and sleeve gastrectomy. It emphasizes patient selection, intraoperative safety, complication management, and postoperative care, equipping surgeons with skills for effective, minimally invasive obesity treatment and improved patient outcomes.

03:30pm - 05:00pm

For Surgeons: PPH. The lecture on Postpartum Hemorrhage (PPH) for surgeons covers causes, early recognition, and step-by-step surgical management strategies. It emphasizes uterine and pelvic vessel control, use of hemostatic techniques, and complication prevention, equipping surgeons with essential skills to manage life-threatening hemorrhage effectively and improve maternal outcomes.

D.MAS: Day 14**09:00am - 3:30pm**

Hands-On Practice for Surgeons Wet Lab : The Hands-On Practice for Surgeons in the Wet Lab provides practical training in laparoscopic techniques, including port placement, tissue dissection, suturing, and knot tying on models and animal tissues. The session enhances hand-eye coordination, precision, ergonomics, and confidence, preparing surgeons for safe and effective minimally invasive procedures.

For Surgeons: Surgeon can perform Rectopexy, Fundoplication and previous F.MAS Surgeries.

09:00am - 10:30am

Demonstration and Hands-on **Morcellator** Machine. The Demonstration and Hands-On Morcellator Machine session provides surgeons and gynecologists with practical training in tissue morcellation during minimally invasive procedures. Participants observe step-by-step demonstrations, including safe insertion, tissue fragmentation, and extraction techniques. Hands-on practice on models or simulated tissue enhances precision, control, and safety, while emphasizing prevention of complications. This session builds confidence, improves technical skills, and prepares participants to perform morcellation efficiently in laparoscopic and hysteroscopic surgeries.

10:30am - 01:00pm

For Gynecologists: Radical Hysterectomy. The Radical Hysterectomy session for gynecologists offers comprehensive training in managing complex gynecologic cancers. It covers preoperative planning, pelvic anatomy, and step-by-step surgical techniques, including parametrial dissection, lymphadenectomy, and ureteric preservation. Emphasis is placed on minimizing complications, ensuring safe tissue handling, and maintaining functional outcomes. Through lectures, video demonstrations, and hands-on practice, participants enhance their surgical precision, decision-making, and confidence in performing radical hysterectomy procedures effectively and safely.

Lunch : 01:00pm - 01:45pm**01:45pm - 05:00pm**

For Gynecologists: TVT/TOT. The TVT/TOT session for gynecologists provides training in minimally invasive procedures for stress urinary incontinence. Participants learn patient selection, step-by-step insertion techniques, mesh placement, tension adjustment, and complication management, enhancing surgical precision, safety, and confidence in effectively restoring continence while minimizing risks during transvaginal sling procedures.

D.MAS: Day 15**09:00am - 11:00am**

For Surgeons and Gynecologists: D.MAS OSCE Exam in Lab. The D.MAS OSCE Exam in the Lab provides candidates with a simulated, hands-on assessment of laparoscopic and minimal access surgery skills. Participants demonstrate procedural techniques, instrument handling, and problem-solving under exam conditions, reinforcing clinical competence, precision, and readiness for real surgical scenarios in a controlled, evaluative environment.

11:00am - 01:00pm

For Surgeons & Gynecologists: Lecture of Mistake and Error. The lecture on Mistakes and Errors for surgeons and gynecologists highlights common pitfalls in laparoscopic and minimally invasive procedures. It emphasizes early recognition, prevention strategies, safe correction techniques, and complication management, enhancing surgical decision-making, precision, and patient safety while fostering a culture of learning from errors to improve overall operative outcomes.

Lunch : 01:00pm - 01:45pm**01:45pm - 03:30pm**

For Surgeons & Gynecologists: Lecture of Video Editing. The lecture on Video Editing for surgeons and gynecologists teaches techniques to create clear, educational surgical videos. It covers trimming, annotation, narration, and presentation, enhancing documentation, training, and sharing of minimally invasive procedures for teaching and professional development.

03:30pm - 04:30pm

For Surgeons & Gynecologists: **Convocation** of Diploma in Minimal Access Surgery (D.MAS). The Convocation of Diploma in Minimal Access Surgery (D.MAS) is a prestigious ceremony celebrating the achievements of surgeons who have successfully completed rigorous training in laparoscopic surgery. The event honors candidates for their dedication, skill development, and mastery of minimally invasive techniques. Graduates receive D.MAS diplomas, symbolizing their competence in performing safe, precise, and advanced procedures. The convocation includes speeches from eminent faculty, reflections from graduates, and recognition of outstanding performers. It fosters professional pride, networking, and lifelong learning, inspiring participants to apply their expertise in clinical practice, enhance patient outcomes, and contribute to the advancement of minimal access surgery.