



World Laparoscopy Hospital



INDIA



UAE




USA



HANDS-ON TRAINING ON VETERINARY LAPAROSCOPIC SURGERY

**Fellowship in Veterinary Minimal Access Surgery
(F.VMAS)**

**Newly developed intensive 3-day course focusing on
essential skills and procedures required for safe
laparoscopic surgery**



Laparoscopic surgery is a highly specialized and rapidly evolving field in veterinary science. Since Laparoscopic science has an enormously broad scope and a high impact on welfare of animals, competence in this field should urgently be promoted and provided in India.

This is our effort to train the veterinarian's in the field of Laparoscopy to improve their understanding and learn surgical skills in laparoscopy which will be very helpful for the veterinarians in acquiring not only techniques and responsibility towards animals but also help them to develop an ethical attitude towards animals by improving animal welfare.

NEED FOR THIS TRAINING PROGRAM:

This technique has been explored mainly for the benefits of human beings only, there were either none or very few veterinarians who has started the use of laparoscopic surgeries all over the globe. Now a day's veterinarians across the world have started using this technique but in India there exists no specific training programs, so there is need of hour to start laparoscopic training program to train more and more veterinarians for getting expertise in the field of laparoscopic surgery.

Target Groups: -

1. The course is particularly aimed at veterinary surgeon starting out their career in laparoscopic surgery.
2. It is also suitable for the veterinary surgeons already performing laparoscopic procedures who wishes to take their skills to the next level

Minute to Minute Program

COURSE TIMETABLE

1st Day	Topic
9.30 -10.00	Introduction to Laparoscopy (Veterinary Minimal Access Surgery)-Benefits and uses for veterinary science
10.00-10.30	Coffee/Tea Break
10.00-12.00	Instrument Designing, handling of instruments & basic procedures along with access techniques
12.00 –1.00	Exploratory Laparoscopy & Biopsy, Exploratory thoracoscopy, biopsy, pericardiectomy etc
1.00-2.00	Lunch Break
2.00-4.30	Dry lab (instrument handling, Top Gun Drill etc), Laparoscopy optics & Energy Source
2nd Day	Topic
9.30 -10.30 AM	Principles of Insufflation and Port positions & Access Techniques in animals
10.30-11.00	Coffee/Tea Break
11.00-12.00	Dry lab (Intracorporeal Dundee Jamming Knot Continuous Suturing and Aberdeen Termination)
12.00 – 1.00	Laparoscopic foreign body removal, cystotomy, urogenital procedures, gastropexy etc
1.00-2.00	Lunch Break
2.00-4.30	Dry lab (Cobra Rab Drill, Intracorporeal Surgeon's Knot etc)
3rd Day	Topic
9.00-9.30	Introduction to wet lab course & Preparations
9.30-2.30	Wet lab procedures in Operation theatre
2.30-3.30	Lunch
3.30-4.00	Certificate distribution and farewell



BENEFITS:

- 1.This is a specialized training program for laparoscopy which has been started for the first time in India.
- 2.This course is designed to launch your journey for “key hole” surgery using laparoscopy.
- 3.Participants will develop the psychomotor skills for laparoscopic surgery by a distributed practice training programme through various sessions.
- 4.To develop strong technical skills with the help of experts from both veterinary and human surgeons for betterment of our profession and knowledge sharing among our fraternity.
- 5.This training consists of multiple stages including theoretical education, dry laboratory training with Pelvitainer, cadaver training, simulator training and finally wet laboratory training.
6. Cost effective as compared to trainings offered abroad.

This is a newly developed intensive 3-day course focusing on essential skills and procedures required for safe laparoscopic surgery so that laparoscopy can be performed and implemented in different veterinary practice areas. The course has been carefully designed to maximise hands on experience for better understanding about this highly specialised field.



PROGRAMME INCLUDES:



1. Introduction of Minimal Access Surgery, Overview of different laparoscopic equipment, instrumentation and its selection and safe use, Principle of Various Access Techniques, like Veress Needle technique, Hasson's method, Scandinavian method and Fielding method, Visiport®, and optical needle. Complications of access technique and how to manage complications.
2. Use of advanced and new technologies, including harmonic scalpel, bipolar feedback tissue sealing, and laparoscopic stapling.
3. How to avoid and manage errors and laparoscopic complications. (Complications of access technique and how to manage complications, complication of laparoscopic energy sources).
4. Extracorporeal suturing, clip application and laparoscopic stapling techniques.
5. Skills training on virtual reality computer trainers, laparoscopic trainers, tissue models, and cadavers
6. Safe laparoscopic surgery principles and techniques
7. Systematic approach to performing full diagnostic laparoscopy and thoracoscopy
8. A variety of intermediate procedures, including diagnostic laparoscopy, laparoscopic tissue biopsies, ovariectomy, ovariohysterectomy, adrenalectomy, partial or complete lobectomy and crypto-orchidectomy, as well as abdominal exploration, gastrointestinal biopsies, liver biopsies, bile aspirates, laparoscopically-assisted cystotomy and urethra-cystoscopy, laparoscopically-assisted enterotomy, prophylactic gastropexy and much more.



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