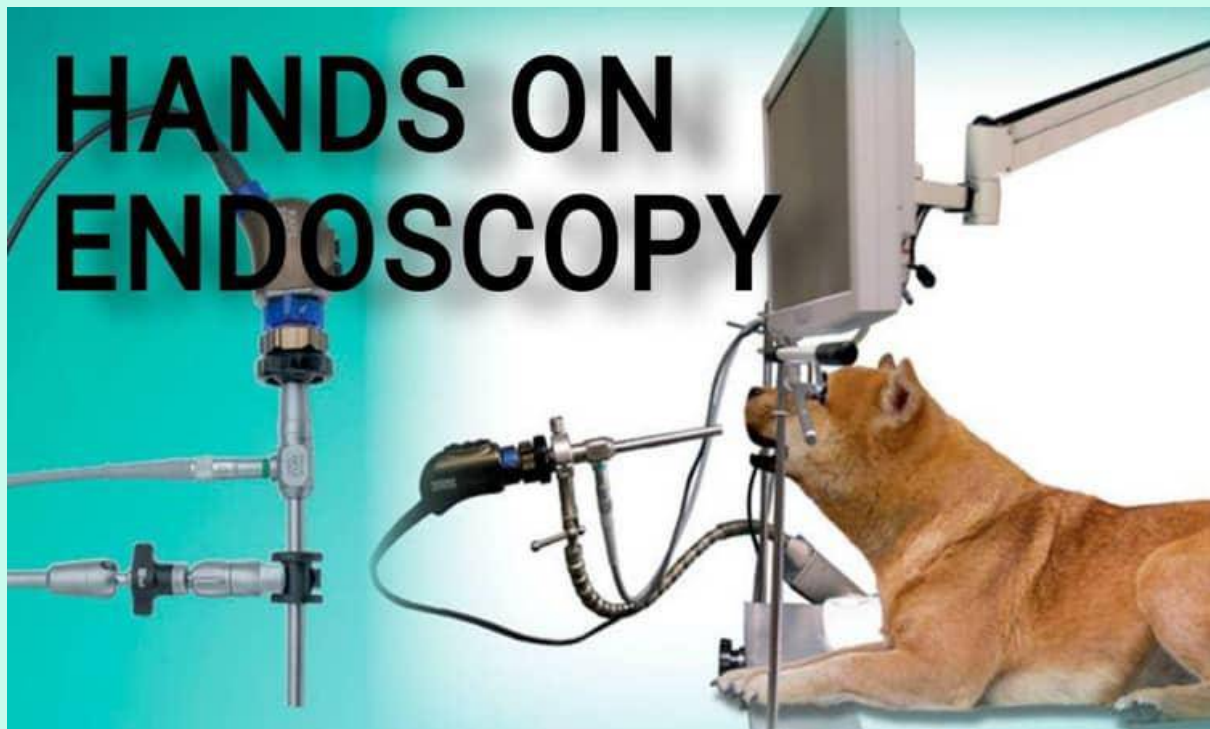


# HANDS-ON VETERINARY ENDOSCOPY TRAINING



As we are aware that veterinary endoscopy is a minimally invasive procedure that allows the veterinarians to look within an organ or body cavity and acquire diagnostic information. Since Endoscopy 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. To perform endoscopy in animals it requires skills and organized training.

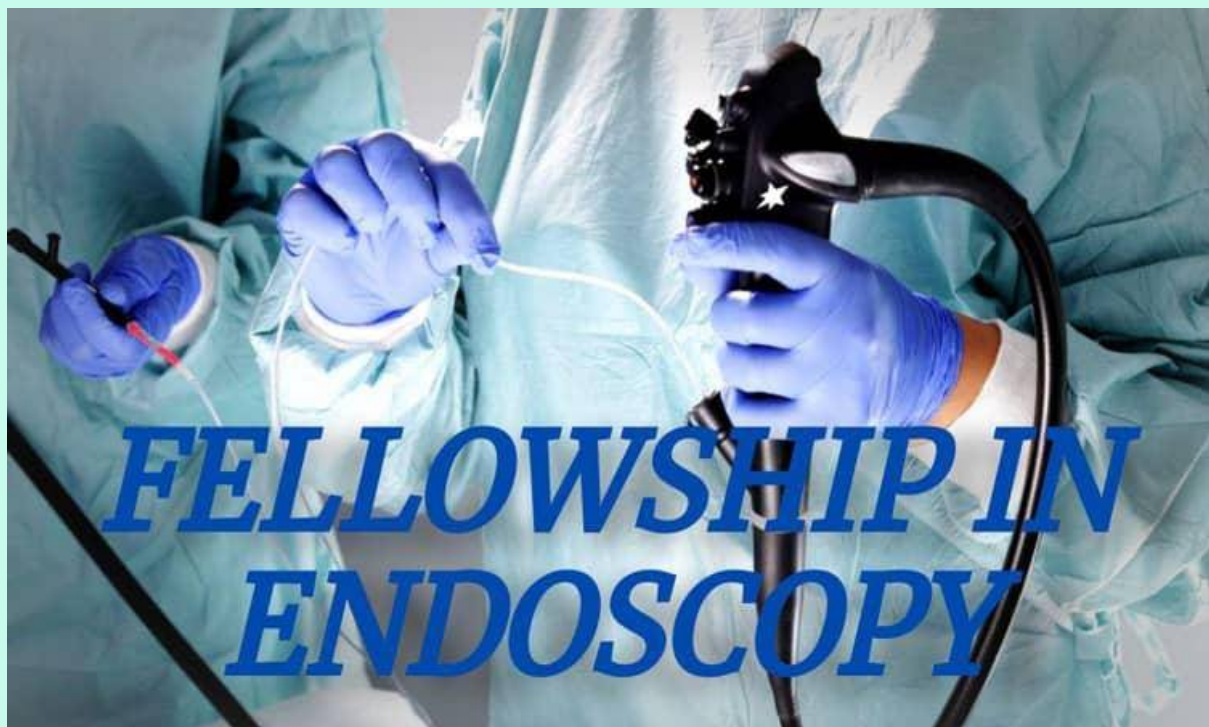
This is our effort to train the veterinarians in the field of endoscopy to improve their understanding and learn this highly specialized technique which will be very helpful for the veterinarians in acquiring not only techniques and responsibility towards animals but also help them to develop an ethical attitude towards animals by improving animal welfare.

As you are aware that the standard of veterinary science is continuously improving with advancement in technology and the pet patients and their owners are expecting and demanding a higher level of care coupled with advanced techniques so that their animals can get minimally invasive procedures. Endoscopy for veterinary patients proven to be a versatile tool which can provide

a nonsurgical option for diagnosis and have therapeutic application for a variety of disease conditions in animals.

As of now, we are lacking a dedicated training program for veterinarian in India, because of not having a properly dedicated endoscopy training centre with state of art facilities. So, we have planned this training program where veterinarians can get training on dry lab specifically designed for veterinary application, cadavers and finally wet lab training.

This will be a two-day introductory endoscopy training program, specifically designed for the practicing veterinarians with either no or little endoscopic experience. This is a newly developed intensive 2-day course focusing on essential skills and procedures required for safe endoscopy so that this technique 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.



**Need for this training program: -**

This technique helps in thorough examination and evaluation of an area of interest and also required for obtaining tissue for histopathologic evaluation. Endoscopy

can be implemented for foreign body removal, PEG tube placement or GI biopsy. The endoscopy can be a beneficial tool with many therapeutic applications including foreign body retrieval, stone removal, or feeding tube placement.

This is a highly sophisticated technique which requires extensive training and skills and can be learned over time. This training will be helpful for the veterinarians in acquiring knowledge and practical exposure to implement in their day-to-day practice to be an important component of veterinary practice.

**Tentative Schedule: -**

Date & Time	Lecture
Day 1	
10:00 – 10:30	Welcome, introduction and course goals, Introduction to flexible endoscopy
10:30 – 11:00	Coffee Break
11:00 – 12:00	Rhinoscopy and Tracheo-Bronchoscopy
12:00 – 01:00	Pharyngoscopy and Laryngoscopy
01:00 – 2:00	Lunch
2:00 – 3:00	Biopsy techniques in endoscopy
3:00 – 5:00	Wet lab Rhinoscopy, Laryngoscopy Pharyngoscopy and Tracheo-Bronchoscopy (trainers)
Day 2	
09:00 – 10:30	Gastrointestinal endoscopy (Oesophago-Gastroscopy)
10:30 – 11:00	Coffee Break
11:00 – 12:00	Cystoscopy in both sexes
12:00 – 13:00	Foreign body retrieval technique
13:00 – 14:00	Lunch
14:00 – 15:00	Endoscopic maintenance
15:00 – 17:00	Wet lab gastrointestinal endoscopy (trainers)

**Target Groups: -**

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

**Benefits: -**

1. This is a specialized training program for veterinary endoscopy which has been started for the first time in India.
2. Participants will develop the psychomotor skills for endoscopy by a distributed practice training programme through various sessions.
3. 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.
4. This training consists of multiple stages including theoretical education, dry laboratory training with Pelvitainer, cadaver training, simulator training and finally wet laboratory training.



5. Cost effective as compared to trainings offered abroad.

**Programme Includes:**

- Introduction of endoscopy, Overview of different endoscopy equipment, instrumentation and its selection and safe endoscopy principles and techniques.
- Basic principles of endoscopy and how to select the most appropriate endoscopic equipment for intestinal, respiratory and urinary tract endoscopy.
- Instrument handling from how to set up the endoscope to maintenance and cleaning.
- Techniques for examining the upper and lower GI tract, along with dry and wet lab to provide hands-on experience in both upper and lower endoscopy.
- Upper intestinal endoscopy (including acquiring biopsies and foreign body removal).
- Upper respiratory tract endoscopy (including foreign body removal)
- Skills training on virtual reality computer trainers, endoscopy trainers, tissue models, and cadavers
- Systematic approach to performing full diagnostic endoscopy and tissue biopsies.
- Manipulation and direction of endoscopes in wet lab.
- Techniques for obtaining endoscopic biopsies and endoscopic foreign body removal.
- Therapeutic endoscopic interventions, set up and handling of endoscopes
- Indications to complications, procedures and possible findings and how to manage complications.

## Contact us

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