



CHIRURGIA MINI-INVASIVE SURGERY ADVANCED COURSE

December 2nd-3rd, 2019

DELEGATES: 24

SURGEONS WHO HAVE ALREADY ATTENDED THE MIS PRINCIPLE COURSE WILL HAVE PRIORITY IN THE SELECTION OF THE CANDIDATES.

Chairpersons

LUCA FORMAGGINI, Med Vet, Dormelletto (NO)
FEDERICO MASSARI, Med Vet, Dipl ECVS, GPCert(SASTS),
Milano

Faculty

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PHILIPP MAYHEW, BVM&S, DACVS, University of California,
Davis, CA, USA
DANIELA MURGIA, Med Vet, Dipl ECVS, UK
ANDREA PIEVAROLI, Med Vet, Roma

Learning Objectives - Preliminary Programme

GENERAL TOPICS

MIS is better than traditional surgery - What is the evidence?

In this lecture the recent literature in both veterinary and human MIS will be evaluated and summarized using the principles of evidence-based medicine. Comparative discussion of the reported effects of MIS pertaining to peri-operative morbidity and mortality for many procedures will be highlighted.

Minimally invasive in surgical oncology - Can we respect the principles?

In this lecture we will explore the principles of surgical oncology and the potential advantages and disadvantages that MIS brings to these cases. We will draw parallels with some of the procedures that have been embraced in humans as well as some of the controversies that exist in this field. The author will present evidence from his studies in this field to provide evidence for surgical oncological interventions in veterinary patients.

Minimally invasive staging in oncologic disease

Surgical staging is a major part of the management of many oncologic diseases and must be addressed by veterinarians wishing to treat neoplastic processes appropriately. The use of laparoscopy and thoracoscopy for surgical staging will be discussed in this lecture.

LAPAROSCOPY

Advanced laparoscopic urogenital tract procedures

Indications and surgical technique for minilaparoscopic ovariectomy/ovariotomy, laparoscopic assisted cystotomy, ureteronephrectomy, perinephric pseudocyst resection, pyometra resection

Laparoscopic splenectomy

A recently developed laparoscopic technique can be performed in both cats and dogs for a variety of underlying splenic problems. Tips and tricks of the technique will be presented alongside case selection criteria

Laparoscopic cholecystectomy

A thorough discussion of the indications for lap cholecystectomy will be presented along with a discussion of the surgical technique in both health and disease in dogs and cats. Multiple techniques exist for cystic duct ligation and transection and these techniques will be taught and later practiced in lab.

Laparoscopic adrenalectomy

Adrenalectomy has always been one of the most challenging soft tissue procedures. Laparoscopic approaches have now been used extensively for both right and left-sided adrenal tumors and provide incredible advantages over conventional ventral celiotomy approaches. This lecture will discuss the pre-operative management of these cases, present the ideal intraoperative positioning and technique and discuss case selection criteria to help maximize the success of the technique.

Laparoscopic treatment of hiatal hernias

The diagnosis and management of hiatal hernias is complex and will be covered in the initial part of this lecture. As surgical management in humans is now almost entirely the remit of laparoscopic surgeons it is time for veterinary medicine to move in this direction. The technique for laparoscopic hiatal herniorrhaphy will be discussed and results of cases performed discussed.

THORACOSCOPY

Anesthesia for thoracoscopy and one-lung ventilation techniques

Anesthesia for thoracoscopic surgery is one of the biggest challenges to mastering this exciting area of minimally invasive surgery. Techniques for one-lung ventilation in both dog and cats will be discussed along with principles of carbon dioxide insufflation. The anesthetic ramifications of these techniques will also be discussed.

Update on instrumentation and devices for thoracoscopic surgery

Latest information on instrumentation, hemostatic modalities and other devices for thoracoscopic surgery will be presented. The use of endoscopic stapling equipment will be demonstrated and indications for the use of the EndoGIA devices will be discussed.

Thoracoscopic pericardial surgery

Discussion of indications and surgical techniques for thoracoscopic pericardial window as well as subphrenic pericardectomy using alternating one-lung ventilation. New information regarding the indications for these techniques will be presented.

Thoracoscopic lung lobectomy techniques

Thoracoscopic lung lobectomy has now become the primary modality for resection of primary lung tumors in the authors institution. Indications, case selection criteria and technical details of lobectomy will be discussed as well as new data supporting the technique in certain cohorts of our patients.

Minimally invasive management of chylothorax

In this lecture the principles of minimally invasive management of chylothorax will be discussed. This represents a major field of research for the author and the latest data from cases treated will be presented as well as directions for future investigation.

Thoracoscopic resection of cranial mediastinal masses

This lecture will review the necessary anesthesia techniques for successful resection of masses in the cranial mediastinum. We will also discuss appropriate case selection and tips and tricks to make cranial mediastinal mass resection successful.

INFO

DEADLINE FOR REGISTRATION: October 28th, 2019

REGISTRATION FEE: More info about registration fees will be available soon on SCIVAC website www.scivac.it

LOCATION: Cremona, Palazzo Trecchi