Clinical Programme

Endoscopy and Endosurgery
Endoscopy as an aid to diagnosis coupled with endosurgery as an alternative to more conventional surgical treatments are rapidly growing areas of veterinary practice.

This programme will provide you with a thorough grounding in both theory and hands-on skills needed to start introducing endoscopy into practice.

Get the most out of this programme and your CPD

Achieve a General Practitioner Certificate (GPCert)

Complete the full one year programme (all modules) and achieve the GPCert and attain 40 academic credits at Masters Level 7.

Achieve a Postgraduate Certificate (PgC)

Continue to a PgC (60 academic credits), which combines the GPCert clinical studies with reflective practice.

The Advanced Practitioner Module is 20 academic credits at Masters Level 7 and delivered by Harper Adams University.

Subject to meeting all of the other entry requirements set out by RCVS in the Applicant Guidance Notes.
Taught Modules

01:  07.03.17
Introduction to endoscopy and endosurgery: instrumentation
Speaker: Philip Lhermette
(BVetMed BSc,Biol MSB MRCVS)
• Understand the history and current applications of endoscopy in human surgery and relate this to current veterinary practice
• Understand endoscopic instrumentation including rigid and flexible endoscopes
• Discuss the application of accessory instrumentation and electrosurgery for rigid and flexible endoscopy
• Discuss the incorporation of endoscopy into a veterinary practice
• Understand how to clean and care for the equipment
• Understand the use and application of electrosurgery to minimally invasive techniques

02:  08.03.17
Flexible endoscopy: basic techniques and lower gastrointestinal tract
Speaker: Ed Hall
(MA, Vet MB, PhD DipECVIM-CA, MRCVS)
• Discuss the indications for lower gastrointestinal endoscopy
• Understand the possible complications of lower gastrointestinal endoscopy
• Patient preparation and general endoscopic technique
• Understand normal endoscopic appearance of ileum, colon, caecum and rectum
• Practise techniques using anatomical models

03:  11.05.17
Flexible endoscopy: upper gastrointestinal tract
Speaker: Ed Hall
• Discuss the indications for upper gastrointestinal endoscopy
• Understand the possible complications of upper gastrointestinal endoscopy
• Patient preparation and general endoscopic technique
• Understand normal endoscopic appearance of oesophagus, stomach and duodenum
• Understand biopsy techniques
• Practise techniques using anatomical models

04:  12.05.17
Flexible endoscopy: respiratory tract and therapeutic techniques
Speaker: Ed Hall
• Discuss the indications for respiratory tract endoscopy and understand the possible complications
• Understand patient preparation and general endoscopic technique for examination of upper and lower respiratory tracts
• Understand normal endoscopic appearance of nasal cavity, larynx, trachea and bronchi
• Sample collection techniques
• Understand foreign body retrieval and feeding tube placement techniques
• Practise techniques using anatomical models

05:  05.07.17
Rigid endoscopy: basic principles of rhinoscopy and other ‘oscopies’
Speaker: Philip Lhermette
• Understand the range of rigid endoscopic equipment available for examination of the upper respiratory tract
• Perform a thorough endoscopic examination of the upper respiratory tract using a rigid endoscope
• Examine the frontal sinuses
• Recognise common nasal pathology and treat nasal aspergillosis
• Discuss other ‘oscopies’ including exploration of stick injuries and fistulae
• Practise the above techniques in a wet-lab environment

06:  06.07.17
Rigid endoscopy: otoendoscopy, urethrocystoscopy and vaginoscopy
Speaker: Philip Lhermette
• Discuss the indications for otoendoscopy, urethrocystoscopy and vaginoscopy
• Understand the possible complications of the above examinations
• Patient preparation and general endoscopic techniques for the above examinations in male and female dogs and cats
• Understand normal endoscopic appearance of the ear, vagina, urethra and bladder
• Biopsy and sampling techniques and treatment of some common conditions
• Practise techniques in a wet-lab environment
Taught Modules

07:  15.08.17
Rigid endoscopy: laparoscopy
Speaker: Philip Lhermette
- Discuss the indications for laparoscopy and understand the possible complications
- Patient preparation and general endoscopic technique for laparoscopy
- Understand normal endoscopic appearance of the abdominal cavity and its organs
- Organ biopsy techniques
- Practise techniques in a wet-lab environment

08:  16.08.17
Rigid endoscopy: ovariectomy and ovariohysterectomy
Speaker: Philip Lhermette
- Review the instrumentation necessary for sterilisation surgeries
- Understand the techniques and possible complications of laparoscopic sterilisation procedures
- Discuss ovariohysterectomy versus ovariectomy and the benefits of a minimally invasive approach
- Understand the use of electrotherapy devices for cauterisation and cutting
- Discuss the economics of incorporating laparoscopic spays into private practice
- Practise the above techniques in a wet-lab environment

09:  26.09.17
Arthroscopy I
Speaker: Hannes Bergmann
(DrMedVet DipECVS MRCVS)
- Review the instrumentation necessary for arthroscopic procedures
- Discuss common joint pathology
- Understand the indications for arthroscopy
- Understand patient preparation and the creation of portals for elbow, shoulder and stifle arthroscopy
- Practise the above techniques in a wet-lab environment

10:  27.09.17
Arthroscopy II
Speaker: Hannes Bergmann
- Perform an arthroscopic examination of the elbow, shoulder and stifle joints
- Perform simple arthroscopic surgery of the elbow and shoulder
- Understand the possible complications of the above procedures
- Practise the above techniques in a wet-lab environment

11:  31.10.17
Rigid endoscopy: thoracoscopy
Speaker: Philip Lhermette
- Review the instrumentation necessary for thoracoscopy procedures
- Understand the indications for diagnostic thoracoscopy
- Understand the approaches to the thoracic cavity – telescope portals
- Understand the techniques for an exploratory thoracoscopy, lung and lymph node biopsies and pericardectomy
- Understand the possible complications of thoracoscopy
- Practise some of the above techniques in a wet-lab environment

12:  01.11.17
An introduction to laser endosurgery
Speaker: Philip Lhermette
- Review the equipment available for laser surgery in animals
- Discuss the use of lasers in conjunction with endoscopy
- Understand how to perform laser debulking of tumours in the GI tract, nose and bladder plus resection of ectopic ureters
- Understand the possible complications of laser surgery
- Practise some of the above techniques in a wet-lab environment
Pricing for 2017

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All prices exclude VAT

Payment terms & conditions

1. A non-refundable initial payment of £924.00 is due on registration in order to secure the booking. Deposits can be paid by cheque, credit card or bank transfer.
2. Full payment to be made by BACS, credit card or cheque within 30 days of the deposit payment in order to be eligible for the discounted rate.
3. Direct debit plans are administered and collected on our behalf by Animal Healthcare Limited.
4. Multiple booking discounts available, please contact us on 01793 759159 for further information.
5. If paying by direct debit we must receive the first payment prior to the course commencing.

For those individuals continuing to PgC, the tuition fee for the Advanced Practitioner Module is £1,250 payable to Harper Adams University.