Mini-Modular Courses 2015

Progress Through Learning
Progress Through Learning

We are dedicated to developing careers, improving practice performance and driving veterinary education forwards

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NEW 2015
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We know how important it is for you to have the skills and knowledge to demonstrate the latest techniques in your everyday working life. Our short courses are delivered by leading speakers who will update you with the most advanced developments in a specific subject area. These courses will give you the opportunity to work with like-minded people and increase the care for your patients and their owners.

**Why choose Improve?**

- 17 year track record of delivering quality Continuous Professional Development (CPD)
- Now operating in 19 countries worldwide
- Alumni includes 1,000s of vets who have benefited from participating in our training courses
- State-of-the-art practical facilities
- World-class speakers, ensuring content is relevant to practice

**Helping you to gain that extra knowledge**

- Increase your skills, knowledge and confidence in dealing with complex cases
- Improve productivity and therefore increase practice revenues
- Reduce external referrals and increase practice capabilities
- Transfer knowledge and skills within practice
- Demonstrate your commitment to enhancing practice standards
- Improve animal care and accelerate diagnosis
The aim of this course is to provide you with the latest cancer treatment strategies so that you can have in depth knowledge and confidence to approach cancer patients both medically and surgically.

Cancer treatment is rapidly changing and evolving and involves the use of multiple diagnostic and therapeutic modalities to achieve the most optimal outcome. Surgery remains a pivotal aspect of cancer treatment, nonetheless the optimal treatment for many patients with cancer often involves several adjuvant treatment modalities. Specifics on management of tumours with surgery, radiotherapy, and chemotherapy will be covered and you will spend two modules practising appropriate surgical techniques.

Module List

**01: Surgical Oncology - general**
Speaker: Pieter Nelissen - 13 October 2015
- Principles of surgical oncology
- Oncological (surgical) margins
- Investigations (staging of surgical patients)
- General principles of biopsies
- Management of regional lymph nodes (sentinel lymph nodes and local metastatic disease)

**02: Surgical Oncology – cancer specific treatments**
Speaker: Pieter Nelissen - 14 October 2015
- Soft tissue sarcomas and mast cell tumours (wide versus marginal excision)
- Oral tumours
- Skin reconstruction for oncological patients
- Local advancement flaps
- Free skin graft
- Axial pattern flaps

**03: Medical Oncology – general basics and round cell tumours**
Speaker: Nele Van den Steen - 10 November 2015
- Basic understanding of cancer biology and how it affects treatment options
- Basic understanding of different cancer investigations and treatment options (surgery, chemotherapy, radiotherapy, immunotherapy), health and safety implications

**04: Medical Oncology – specific cancer treatment options**
Speaker: Nele Van den Steen - 11 November 2015
- Histiocytic sarcoma
- Mast cell tumours – staging, grading, treatment options
- Soft tissue sarcomas and bone tumours
- Carcinomas
- Haemangiosarcoma
- Melanoma
- Feline injection site sarcoma

**05 - 06: Practical Surgery**
Speaker: Pieter Nelissen - 8 & 9 December 2015
These modules aim to give you a better understanding of wound healing, surgical principles and common reconstructive techniques
- Surgical principles
- Wound healing
- Tension relieving techniques
- Local subdermal skin flaps
- Axial pattern flaps
- Skin grafts

**Location**
Swindon - Alexandra House

**Course Cost**
£1,999.00 (ex VAT)

**Course Speakers**
Pieter Nelissen
DVM CertSAS DipECVS MRCVS

Nele Van den Steen
CertSAM MSc (Clinical Oncology)
DipECVIM-CA MRCVS

www.improveinternational.com • enquiries@improveinternational.com • 01793 759 159
This course is intended to provide you with the key areas of knowledge you need to understand in order to practise effective clinical neurology. The emphasis is very much on a structured clinical approach to different neurological presentations. In particular, you will learn to develop a rational step-wise logical approach to different neurological complaints from the principles of lesion localisation, establishing a differential diagnostic list, choosing appropriately ancillary diagnostic tests to gaining knowledge of treatment options available.

### Module List

**01: Introduction to Clinical Neurology**  
**Speaker:** Nicolas Granger - 12 October 2015  
- Stepwise approach to the neurological complaint  
- Principles of lesion localisation (how and why, and the impact of this on narrowing down the list of differentials)  
- Neurological examination (hands-on/hands-off)  
- How to establish a differential diagnostic list

#### Approach to neuromuscular weakness
- Neuro-anatomic basis  
- Common presentation of neuromuscular disorders  
- Differential diagnosis  
- Working-up neuromuscular patients (how to organise diagnostic tests, the principles of EMG/MNCV, muscle/nerve biopsy)  
- Overview of common neuromuscular disorders (acquired myasthenia gravis, polymyositis, polyradiculoneuropathies)

**02: Approach to Intracranial Disorders**  
**Speaker:** Nicolas Granger - 13 October 2015  
- Neuro-anatomical basis and common presentation of intracranial disorders—forebrain signs, cerebellar signs, brainstem signs  
- Investigations of intracranial diseases (principles of MRI, CT, CSF)  
- Differential diagnoses for intracranial disorders  
- Diagnosis and management of vascular diseases of the brain  
- Diagnosis and management of inflammatory and infectious diseases of the brain  
- Management of head trauma  
- Diagnosis and management of intracranial neoplasia

**03: Non-Surgical Diseases of the Spinal Cord**  
**Speaker:** Mark Lowrie - 9 November 2015  
- Localisation of lesions affecting the spinal cord  
- Differential diagnoses for spinal cord dysfunction (acute versus chronic myelopathy)  
- Investigations of spinal disease (radiography, myelography, CT, MRI)  
- Ischaemic myelopathy  
- Discospondylitis and spinal epidural empyema

**04: Surgical Diseases of the Spinal Cord**  
**Speaker:** Mark Lowrie - 10 November 2015  
- Intervertebral disc disease and herniation (cervical and thoraco-lumbar)  
- Spinal trauma  
- Atlanto-axial instability  
- Cervical spondylomyelopathy  
- Cauda equina syndrome

**05: Epilepsy, Tremors and Paroxysmal Movement Disorder**  
**Speaker:** Laurent Garosi - 14 December 2015  
- Neuroanatomical and pathophysiological basis of seizure activity  
- Principles of differential diagnosis for seizures  
- Anti-seizure epileptic medication available for dogs and cats  
- Management of dogs with refractory epilepsy  
- Management of dogs with status epilepticus and cluster seizures  
- Recognition and management of different types of tremors seen in dogs  
- Recognition and management of different types of paroxysmal movement disorder seen in dogs

**06: Neuro-Ophthalmology and Common Cranial Nerve Disorders**  
**Speaker:** Laurent Garosi - 15 December 2015  
- Neurological causes of blindness and differential diagnoses  
- Anisocoria and differential diagnoses  
- Trismus and masticatory muscle atrophy and differential diagnoses  
- Dropped jaw and differential diagnoses  
- Facial paralysis and differential diagnoses  
- Vestibular disorder and differential diagnoses

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**Location**  
Swindon - Alexandra House

**Course Speakers**  
Nicolas Granger  
DVM PhD DipECVN FHEA MRCVS  
Mark Lowrie  
MA VetMB MVM MRCVS DipECVN  
Laurent Garosi  
DVM MRCVS DipECVN

**Course Cost**  
£1,999.00 (ex VAT)
This modular course is designed to provide a comprehensive grounding in dentistry for the general small animal practitioner.

The lectures are visually enhanced with the use of both radiographs and photographs of real cases to illustrate the concepts. The high practical content allows you to practise and perfect new skills in a controlled environment so that you feel confident to return to work and put them into practice. Each two day module incorporates a short self-assessment quiz to confirm your learning.

**Module List**

**01: Normal Anatomy & Development, Equipment Choice, Oral Assessment**
Speaker: Bob Partridge - 1 October 2015
- Normal anatomy and development – teeth, periodontium, jaw, palate, tongue and salivary glands and radiographic anatomy
- Developmental problems – including malocclusions, cleft palates and dentigerous cysts
- Equipment choice – hand and mechanical equipment, loupes, lights and surgery design
- Periodontal disease – aetiology, pathogenesis and treatment
- Oral assessment – oral record keeping, structured charting and logical decision making

**02: Anaesthesia and Post-Operative Considerations, Dental Radiography**
Speaker: Bob Partridge - 2 October 2015
Includes practical session
- Anaesthesia and post-operative considerations
- Dental radiography – equipment choices, safety factors, reviewing dental anatomy and pathology
- Practical – radiographic positioning for optimised visualisation of dental anatomy and pathology

**03: Feline Dentistry, Rabbit Dentistry, Extractions**
Speaker: Bob Partridge - 4 November 2015
- Feline dentistry – including periodontal disease, tooth resorption and chronic gingivostomatitis
- Rabbit dentistry – anatomical and developmental differences and the pathogenesis of lagomorph dental disease
- Simple extractions – theory, luxation and elevation
- Canine tooth extractions – open extraction, flaps and closure

**04: Simple Peridontal Surgery, Practical Extractions**
Speaker: Bob Partridge - 5 November 2015
Includes practical sessions
- Simple periodontal surgery – gingivectomy, gingivoplasty, flaps and sliding grafts
- Practical rabbit dentistry – radiographic assessments, incisor and cheek tooth extraction
- Practical - fresh pigs’ heads – simple extractions
- Practical - open surgical tooth extractions
- Practical - periodontal surgery

**05: Complex Extractions, Regional Anaesthesia, Oral Fracture and Tumours**
Speaker: Bob Partridge - 1 December 2015
- Complex extractions – multi-rooted, compromised and immature/deciduous teeth. Dilacerated roots
- Extraction complications – fracture root tips – how to deal with them
- Regional anaesthesia – the use and complications of regional nerve blocks
- Oral fracture management – common fractures and principles of repair
- Oral tumours – a review of common canine and feline oral tumours and the logical approach to an ‘oral mass’

**06: Home Care, Practical Complex Extractions, Fracture Management**
Speaker: Bob Partridge - 2 December 2015
Includes practical sessions
- Home care – products and treatment regimes
- The business aspects of dentistry – the market, pricing, equipment investment
- Practical - complex extractions
- Practical - fracture management
Module List

01: Introduction to Ultrasound
Speaker: Sam Jakovljevic - 19 October 2015
This module aims to provide you with an introduction to the use of ultrasonography as a veterinary diagnostic tool. Through a combination of theory and practical sessions, you will learn the techniques required to start scanning in your practice.

- Principles of veterinary diagnostic ultrasound including fundamentals of ultrasound physics and approach to image interpretation
- Ultrasound machine and transducer selection
- Ultrasound image optimisation
- Recognising ultrasound artefacts
- Introduction to performing an abdominal ultrasound examination including patient preparation and systematic identification of the liver, spleen and urogenital tract with practical hands-on-scanning sessions

02: Abdominal Ultrasound
Speaker: Sam Jakovljevic - 20 October 2015
This module focuses on further developing your practical skills in performing an abdominal ultrasound examination. You will learn how to recognise common abnormalities as well as variations of the normal appearance of abdominal structures through the use of case-based examples.

- Review of the practical aspects of abdominal ultrasonography with particular attention given to providing individual guidance to delegates on optimising scanning technique and image quality
- Recognising the normal ultrasound appearance of abdominal structures including the liver and biliary tract, spleen, kidneys, urinary bladder, GI tract and the reproductive tract of the male and female
- Case-based examples of common abnormalities affecting abdominal organs observed on ultrasound, including neoplasia, pyometra and urinary calculi

03: Special Techniques
Speaker: Tim Trevail - 10 November 2015
This module will focus on additional ways you can use ultrasound in your practice including examination of eyes, muscles, tendons and thyroid glands. Finally you will gain practical experience in ultrasound guided biopsy and needle aspiration techniques.

- Introduction to the use of ultrasound for ophthalmology cases with case-based examples
- Ultrasonography of muscles, tendons and thyroid glands
- Ultrasound guided fine needle aspiration and biopsy techniques

04: Thoracic Ultrasound
Speaker: Kieran Borgeat - 11 November 2015
This module will teach you the techniques required to perform an ultrasound examination of the thorax. Case-based examples will be used to demonstrate normal anatomic appearance and common abnormalities of both non-cardiac and cardiac structures.

- Introduction to performing a two-dimensional ultrasound examination of the thorax including patient preparation and optimisation of image quality
- Practical scanning sessions focused on obtaining standard right-sided echocardiographic views
- Introduction to performing B-Mode and M-Mode measurement and calculation sessions
Our Mini-Modular courses take place at Alexandra House in Swindon, Wiltshire

Our training centre and headquarters in Swindon, enables us to provide our delegates with exceptional facilities.

This location offers comfortable training rooms for theoretical taught lectures along with our purpose built “wet-lab” facility.

Delegates are able to work in pairs across seven surgical stations with bright operating theatre standard lighting, comfortable seating and a wide choice of surgical equipment.

Where appropriate to the course, video demonstrations can be made available using the wide screen HD monitors and Sony camera system to ensure that attendees do not miss anything important.

One of the key features of this facility is its flexibility and space, as it can be used for a wide range of surgical and imaging courses. It also allows delegates to interact with other attendees and the speaker, so that they gain maximum benefit from the practical training.

How to Register

Ready to take that next step? Registering is easy...

Call us and we can register you over the phone

01793 759 159

Email us with your contact details and we will respond on the same day

enquiries@improveinternational.com

Visit our website and ‘Register’ online

improveinternational.com