Practical surgery and ultrasound courses

January – June 2014

Soft tissue surgery
Orthopaedics
Dentistry
Ophthalmology
Ultrasound
Endoscopy

Swindon,
Wiltshire

St Albans,
Hertfordshire

Cranage,
Cheshire

Small-group practical training - Only 12 places available on each course.
Book yours now!
Welcome
to our 2014 series of practical courses

We are extremely pleased to be launching our 2014 series of practical and ultrasound courses.

In January we have been lucky to engage Tim McCarthy DVM PhD Diplomate Emeritus ACVS to present a two day Arthroscopy Masterclass – a chance to learn from one of the leading experts in this subject. Tim has been teaching this subject throughout the world for over 25 years and will be running this course prior to further teaching commitments in Europe.

We have three Practical Weekends planned for 2014. As well as two highly practical days of CPD the course price includes a dinner on the Saturday evening, overnight accommodation and a good breakfast on Sunday morning! The full leisure facilities at Alexandra House are also available to you – what better way to end a long day’s CPD than with a swim and a sauna.

Our new venue in St Albans proved to be very popular for ultrasound courses so even more dates have been added for 2014. Ultrasound training is available in Wiltshire, Cheshire and Hertfordshire, reducing your travel time. These are always highly practical days with as much actual scanning of dogs as possible, but we do need the dogs to be able to do this. All the venues are more than happy for your dog to stay with you. So, please, if you have a dog, or if you can borrow one to bring with you please do so. Let us know in advance and we can arrange either a Marks and Spencer or a CPD voucher as a thank you.

If you have any further queries regarding any aspects of our practical courses please do not hesitate to contact me directly.

Sonia Scharneck
Practical Course Manager
Tel 01793 208075
sonia@improve-international.com
## Calendar of events

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### Coming up in 2014...

(All of these courses later in the year are available to book online at [www.improvecpd.co.uk](http://www.improvecpd.co.uk))

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Endoscopy

Course times
Day One: Registration and coffee 9.00am
    Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
    Course starts at 9.00am and finishes at 4.30pm

Course fees
£999.00 plus VAT (£1,018.80 in total)

Venue and dates
Swindon Tuesday 14th and Wednesday 15th January 2014

Course content
This course will cover all aspects of small animal arthroscopy needed for you to perform these techniques in your practice. Instrumentation required will be defined with additional information on what you do not need. Indications and techniques for arthroscopy of the six joints that are examined with this technique in dogs will be covered with an emphasis on the three most commonly examined joints, the shoulder, elbow, and stifle. The most frequently performed operative procedures will be covered in detail. Application of these techniques will be practised on cadavers.

Who should attend
This course is intended for vets who have never performed arthroscopy or who have had only a little experience of applying these techniques in their practice.

Learning objectives
By the end of this course delegates should have an understanding of:
• The instrumentation needed to perform arthroscopy in small animal practice
• Cleaning, sterilisation, and care of arthroscopy instrumentation to make it last a lifetime
• Indications for arthroscopy in the shoulder, elbow, radiocarpal, hip, stifle, and tibiotarsal joints.
• Anatomy of the above six joints with definition of portals used and technique for portal placement.
• Diagnostic and operative techniques to cover the commonly diagnosed joint diseases seen in small animal practice.
• Complications of arthroscopy in small animal practice

Speaker
Timothy C. McCarthy
DVM PhD Diplomate Emeritus ACVS

Tim McCarthy has been performing arthroscopy in small animal practice for over 30 years. He has extensive experience in all aspects of arthroscopy in dogs and cats including equipment needs, indications, advantages, diagnostic and therapeutic applications, technical details of performing procedures, disadvantages, and complications. In addition to his practical clinical experience he has been teaching arthroscopy for over 25 years in private practices, at conferences, universities in the United States and in ten countries around the world. Dr McCarthy has over 200 publications including the definitive work on small animal endoscopy, Veterinary Endoscopy for the Small Animal Practitioner. The largest chapter in this book is on arthroscopy.

Arthroscopy masterclass
– rare opportunity to learn from a world expert whilst he is in the UK

This course is kindly sponsored by
Karl Storz — Endoscopes
Laparoscopic bitch spey
Two-day practical course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£1,199.00 plus VAT (£1,438.00 in total)

Venue and dates
Swindon Wednesday and Thursday 23rd and 24th April 2014

Course content
Minimally invasive surgery has transformed the way surgical procedures have been performed on humans over the past twenty years and it is becoming increasingly uncommon for human surgeons to have to resort to open techniques. Veterinary surgery is treading the same route with many clinics now performing many or all of their bitch spays laparoscopically. The benefits are self-evident and the procedure is well received, indeed sought out, by clients. Many clinics already own flexible endoscopy equipment and thus have much of the basic equipment (light source, suction, camera, monitor etc) necessary for rigid endoscopy and laparoscopy. Additional equipment and training, and therefore expense, is required to perform laparoscopy. However no-one does liver biopsies on a daily basis and this expense must be justified. Most surgeons starting laparoscopy would consider the bitch spey as the core procedure and main reason for investing in the equipment. After all it is a routine procedure that we all do on an almost daily basis and will therefore bring in the revenue to pay for the equipment as well as providing sufficient practice to keep their hand in so they can do other, more advanced techniques and expand their repertoire.

Who should attend
Surgeons with no, or minimal, experience in laparoscopy who wish to maximise their investment in equipment and improve their skills in laparoscopy to enable them to perform more complex procedures.

Learning objectives
By the end of this course delegates should have an understanding of:
- Equipment required for laparoscopy
- Instrument handling techniques
- Basic laparoscopic principles
- Principles of electrosurgery and haemostasis
- Laparoscopic ovariectomy
- Laparoscopic ovariohysterectomy
Introduction to orthopaedic surgery

Two-day course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venue and dates
Swindon Tuesday 8th and Wednesday 9th April 2014
Swindon Tuesday 19th and Wednesday 20th August 2014

Course content
This two-day practical course is designed to provide a solid grounding in how to deal with common orthopaedic problems and build confidence in surgical approaches and techniques. The combination of lectures and practical sessions will revise relevant surgical anatomy to enable delegates to undertake with confidence the surgical management of common articular problems. These will include femoral head and neck arthroplasty, surgery for osteochondrosis, lateral retinacular suture placement for the cruciate deficient stifle, and techniques to correct medial patellar luxation. Basic fracture planning will be described and the correct use of wire, screws and plates will be undertaken.

Who should attend
Those who wish to perform routine arthrotomies of the hip and stifle, shoulder, and elbow and those who wish to commence repairing simple fractures. Previous experience is not essential and the emphasis will be on gaining confidence to perform routine orthopaedic procedures in the dog.

Learning objectives
By the end of this course delegates should have an understanding of:
- Relevant surgical anatomy and the sympathetic handling of tissues
- Key surgical approaches to bones and joints
- Fracture planning
- Fracture repair using pins, plates, cerclage and tension band wires
- The correct use of screws as lag, position and plate screws
- Osteochondrosis
- Cranial cruciate ligament disease and patellar luxation
- Hip and elbow dysplasia

Speaker
John Houlton
MA VetMB DVR DSAO MRCVS DECVS
John Houlton qualified in 1970. After 6 years in practice he returned to Cambridge as University Assistant Surgeon. In 1980 he became University Surgeon, then joined the Veterinary Defence Society as a claims consultant until 2010. He has acted extensively as an external examiner. He is currently European Associate Editor for Veterinary Surgery, a panelist for the BVA/KC hip and elbow dysplasia schemes and is a European Specialist in Veterinary Surgery. In 1985 he was awarded the BSAVA Simon Award for outstanding contributions to veterinary surgery.

This course is kindly sponsored by VETERINARY INSTRUMENTATION
TTA Rapid
One-day practical course

In conjunction with

**VETERINARY INSTRUMENTATION**

Veterinary Instrumentation provides veterinary surgical instruments designed or selected especially for veterinary use. Their special interests are veterinary orthopaedics in general and canine cruciate surgery in particular.

Course times
Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm

Course fees
£495.00 plus VAT (£594.00 in total)

Venue and dates
Swindon Saturday 26th April
Swindon Sunday 27th April
Swindon Saturday 14th June
Swindon Sunday 15th June

Course content
The course outlines the development of the TTA Rapid procedure. TTA Rapid is fully explained, including the technique, the implants and instrumentation, the aftercare, potential complications and how to avoid them. A paper exercise demonstrates calculation of cage size for the correct tibial tuberosity advancement. Dry bone and cadaver exercises follow.

The course is designed for those already familiar with stifle surgery and the diagnosis of cranial cruciate ligament disease. Meniscal examination will not be a focus. Previous experience of osteotomy techniques is not required, but is an asset.

Who should attend
Veterinary surgeons with an interest in orthopaedic surgery and want to perform TTA Rapid surgery

Learning objectives
By the end of this course delegates should have an understanding of:

- The theory of how and why TTA Rapid works
- The implants and instruments used for TTA Rapid
- How to perform the TTA Rapid technique including choosing the right cage
- How to minimise complications

Speaker

**Dr Yves Samoy**
DVM PhD

Dr Yves Samoy graduated from the University of Ghent. Yves has been involved in the development of the TTA Rapid technique since its very beginning in 2011 and lectures internationally on the technique. Yves has recently been awarded the position of Assistant Professor at the University of Ghent.
Emergency surgery

Two-day practical course

Course times
Day One: Registration and coffee 9.00am
   Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am.
   Course starts at 9.00am and finishes at 4.30pm

Course fees
£999.00 plus VAT (£1,198.80 in total)

Venues and dates
Swindon Tuesday 27th and Wednesday 28th May 2014

Course content
This course is designed to teach participants the technical aspects of a variety of emergency surgery procedures. Some ‘theory’ will be included in the lectures, but emphasis will be placed on ‘how’ to perform each procedure. Topics have been chosen that represent emergency surgical conditions frequently seen in veterinary practice including gastropexy for treatment of GDV, rapid splenectomy, feline perineal urethrostomy, urethral retroplulsion, urethrotomy/urethrostomy, perineal hernia repair, oesophagostomy tube placement, emergency tracheostomy, soft palate resection, laryngeal tie-back, diaphragmatic hernia repair, chest drain placement, and tie-over bandage.

Hands on practical labs will give participants the opportunity to practise techniques discussed in lecture and increase confidence levels in performing emergency surgery procedures.

Who should attend
This course is designed for all veterinary surgeons wishing to improve their emergency surgery techniques. It is suitable for those who work in both first opinion and emergency practices. The hands-on practical laboratory will give participants the opportunity to practice techniques discussed in lecture. If you have been thinking of incorporating more emergency surgery coverage in your practice, this course is a must.

Learning objectives
By the end of this course delegates should have an understanding of:

- Common emergency surgical procedures
- Important anatomic structures associated with each procedure
- How to quickly and safely perform emergency surgical procedures in veterinary practice
- How to successfully treat a variety of surgical disorders associated with urgent care patients

And realise that many emergency surgery procedures can successfully be performed in veterinary practice.
Soft tissue surgery
Two-day practical course

Course times
Day One: Registration and coffee 9.00am
   Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am.
   Course starts at 9.00am and finishes at 4.30pm

Course fees
£999.00 plus VAT (£1,198.80 in total)

Venues and dates
Swindon Thursday 29th and Friday 30th May 2014

Course content
This course is designed to teach participants the technical aspects of a variety of soft tissue surgery procedures. Some ‘theory’ will be included in the lectures, but emphasis will be placed on ‘how’ to perform each procedure. Topics have been chosen that represent surgical conditions commonly seen in veterinary practice and include salivary gland resection, urethrostomy, anal saccullectomy, laryngeal tie-back, lateral ear resection, total ear canal ablation-lateral bulla osteotomy, gastropexy, diaphragmatic hernia repair and splenectomy. Emphasis will be placed on the technical aspects used to perform each procedure. Videos of clinical case material will be used extensively throughout the lectures to help illustrate each technique before practising them in the practical lab.

Who should attend
This course is designed for all veterinary surgeons interested in providing a higher level of surgical treatment for a variety of practical soft tissue surgery techniques in their practice.

Learning objectives
By the end of this course delegates should have an understanding of:
- How to successfully and confidently perform a variety of practical soft tissue surgery techniques
- Recent developments and new techniques in soft tissue surgery
- The relevant regional anatomy for each procedure performed
Wound reconstruction

One-day practical course

Course times
Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm

Course fees
£495.00 plus VAT (£594.00 in total)

Venue and dates
Swindon Tuesday 10th June 2014
Swindon Tuesday 21st October 2014

Course content
On-going advances in oncological surgery, trauma surgery and wound management ensure that the indications for advanced reconstructive surgery in small animal patients continue to increase. Large tumour resections and chronic non-healing wounds leave the surgeon with reconstructive challenges. A range of options can be considered where local skin tension, lack of adjacent skin or close vicinity of important organs precludes primary closure. These options include the use of local skin flaps, distant skin flaps, axial pattern flaps, skin stretching and free skin grafts. The course aims to give you a better understanding of wound healing, surgical principles and common reconstructive techniques.

Who should attend
Veterinary surgeons with an interest in gaining a more thorough understanding of wound healing, surgical principles, wound management and reconstructive techniques.

Learning objectives
By the end of this course delegates should have an understanding of:
- Surgical principles
- Wound healing
- Wound management
- Tension relieving techniques
- Local subdermal skin flaps
- Axial pattern flaps
- Skin grafts

Speaker
Guillaume Chanoit
DEDV MSc PhD DECVS DACVS
MRCVS
Guillaume graduated from the Veterinary School of Toulouse, France. After having held academic positions at the Veterinary School in Lyon, France and North Carolina State University, USA, Guillaume joined the University of Bristol in 2011 and is currently Senior Lecturer in Small Animal Soft Tissue Surgery at the School of Veterinary Sciences at Langford. He also serves as an Associate Editor for the Journal of Small Animal Practice and as a member of the Small Animal examination committee of the European College of Veterinary Surgery.
Dentistry – Good for your patient, good for your bottom line

Two-day practical course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venue and dates
Swindon Tuesday 25th and Wednesday 26th February 2014
Cranage Wednesday 2nd and Thursday 3rd July 2014
Swindon Tuesday 11th and Wednesday 12th November 2014

Course content
Dentistry is the bedrock of ALL small animal practice. If you do primary dental work well, you will achieve greater health benefits for your patients than developing any other skill.
As dental disease is so common, dentistry should also account for at least 25% of small animal practice income. Investing in your dental equipment and training will represent the most cost effective development of your practice.
The course will develop your dentistry skills in diagnosis and treatment. Radiography and positioning will be demystified, difficult extractions will be less terrifying. Strategies for client communication and encouraging compliance will be developed.

Who should attend
Veterinary surgeons in small animal practice with an interest in making real improvements to their patients’ health and consequentially improving practice finances.

Learning objectives
By the end of this course delegates should have an understanding of:
- The principles of COHAT – Complete Oral Health Assessment & Treatment.
- A structured approach to routine dentistry
- Dental radiography and its benefits for patients and practices.
- Techniques for dental extractions – abolishing “brutelectomies” forever!
- Improving client communication, to improve compliance with recommendations for dental care – thus improving patient health.

Speaker
Bob Partridge
BVM&S Dipl.EVDC MRCVS
Bob Partridge is a Diplomate of the European College of Veterinary Dentistry and is a Recognised European Specialist – one of only a handful working in the UK. He was a founder member of the BVDA and is an elected member of RCVS Council. He lectures widely in Veterinary Dentistry and provides in-practice training sessions. He sees referral cases from around the UK, as well as primary care cases in Harrogate.
Ophthalmic emergencies
One-day practical course

Course times
Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm

Course fees
£495.00 plus VAT (£594.00 in total)

Venue and date
Cranage Tuesday 11th March 2014

Course content
A mixture of theory and practical sessions will cover the examination of the patient which presents with an ophthalmic emergency, formulating differential lists and prioritising urgent treatments. Once an accurate diagnosis is made we will review the approach to common ophthalmic emergencies, concentrating on those which are surgically managed, and delegates will have time to practise the procedures discussed.

Who should attend
General practitioners who are happy dealing with routine ophthalmic cases but need extra guidance when faced with urgent eye problems. Confidence will be boosted as delegates have the opportunity to practice procedures under expert guidance.

Learning objectives
By the end of this course delegates should have an understanding of:

- Which ophthalmic conditions are genuine emergencies
- How to repair ocular trauma such as eyelid and corneal lacerations
- Dealing with deep or perforating corneal ulcers
- Understand the safe approach to removing foreign bodies
- Identify lens luxations and know how to manage them
- Appreciate which cases need referral and manage them appropriately while this is arranged
- Be confident in replacing prolapsed globes

Speaker
Sally Turner
MA VetMB DVophthal MRCVS, RCVS Specialist in Veterinary Ophthalmology

Sally is a graduate of Cambridge University and after a period in general practice did her ophthalmology training as a resident at the Animal Health Trust where she gained her Certificate and then Diploma in Veterinary Ophthalmology. She runs ophthalmology referrals from two private referral hospitals in London. In addition to her clinical work Sally regularly lectures to vets and nurses and has written two books on veterinary ophthalmology.

This course is kindly sponsored by Veterinary Speciality Products

www.improvecpd.com | 01793 759159 | enquiries@improve-international.com
Eyelid and cornea surgery
Two-day practical course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venues and dates
Swindon Thursday 22nd and Friday 23rd May 2014

Course content
This 2-day practical course will give delegates the opportunity to discuss and perform ophthalmic surgery. The anatomy and physiology of the cornea, eyelids and 3rd eyelid will be reviewed and consideration given to the conditions affecting these areas, including those associated with breed related conformation.
The surgical techniques to correct entropion and ectropion, resect eyelid neoplasms, perform keratectomies and placing conjunctival grafts will be discussed in detail.
Delegates will then spend ample time practising these procedures in a supervised practical session.

Who should attend
Veterinary surgeons who would like to improve their skills in eyelid and cornea surgery.

Learning objectives
By the end of this course delegates should have an understanding of:
- The spectrum of congenital, developmental and conformation related disorders of the eyelids that require surgical correction
- The aetiology, diagnosis and management of third eyelid conditions
- Corneal anatomy, physiology and wound healing
- The types of corneal repair and reconstruction, including direct suturing, conjunctival grafts and corneo-conjunctival transposition
- The surgical procedures for use on the cornea, such as grid keratotomy, superficial keratectomy and removal of foreign bodies.

Speaker
Lorraine Fleming
BVetMed CertVOphthal MRCVS

Lorraine gained the RCVS Certificate in Veterinary Ophthalmology in 1994. She spent 11 years at the Animal Health Trust and was involved in clinical work, research and teaching. In 2005 she started an Ophthalmology referral service at the Grove Veterinary Group in Fakenham, Norfolk.
Lorraine is currently raising a young family and studying for her European Diploma.
Big Practical Weekend

Course fees
£799.00 plus VAT (£958.80 in total) This includes two full days of CPD (12 hours), lunch on both days, all refreshments, course notes and overnight accommodation and a course dinner on the Saturday night.

Course content
Day One – How do I do that?
Dealing with emergency patients can be very rewarding, but can also be very stressful! Often procedures that the clinician may be unfamiliar with (or have only performed a few times), need to be carried out rapidly and under pressure if the patient is to be saved. By discussing the rationale of these techniques, and offering a chance to practice ‘hands on’ in a wet lab situation, the course aims to provide delegates with the necessary skills to confidently carry out these procedures back at their own practice.

Learning objectives
By the end of this course delegates should have an understanding of:
• Placing a tracheostomy tube
• Thoracocentesis
• Chest drain placement and appropriate management
• When and how to place feeding tubes.
• Placing central lines and their indications
• Intra-osseous needle placement

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<td>Coffee</td>
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<tr>
<td>11.15-1.00</td>
<td>Respiratory techniques practical</td>
</tr>
<tr>
<td>1.00-2.00</td>
<td>Lunch</td>
</tr>
<tr>
<td>2.00-3.00</td>
<td>Feeding tubes lecture</td>
</tr>
<tr>
<td>3.00-3.45</td>
<td>Feeding tubes practical</td>
</tr>
<tr>
<td>3.45-4.00</td>
<td>Coffee</td>
</tr>
<tr>
<td>4.00-5.00pm</td>
<td>Vascular access lecture and dry lab</td>
</tr>
<tr>
<td>7.00pm</td>
<td>Course Dinner</td>
</tr>
</tbody>
</table>

Speakers
Paul Aldridge
BVSc CertSAS MRCVS
(Speaking on day one)
Paul qualified from Liverpool University in 1995, and for the past 13 years has been involved in Emergency Veterinary Medicine. He gained his RCVS certificate in Surgery in 2007, and is currently senior surgeon at a hospital based practice in the North West of England, that also hosts the UK’s largest emergency centre. Paul divides his time between emergency cases and surgical referral patients. His clinical interests include multiple trauma patients and the management of acute abdominal cases. He is widely involved in providing CPD for both nurses and vets, and is co-author of the recently published book “Practical Emergency and Critical Care Nursing”.

Kelly Bowlt
BVM&S DipECVS MRCVS
Clinician in Small Animal Soft Tissue Surgery
(Speaking on day two)
Kelly graduated from the University of Edinburgh in 2005 and after 18 months in small animal general practice, completed a rotating internship at the Royal Veterinary College and a three-year ECVS approved residency programme in Small Animal Surgery at the University of Bristol. Kelly joined the Animal Health Trust in 2011. She sits on committee for the Association of Veterinary Soft Tissue Surgeons (AVSTS) and her particular interests include minimally invasive surgery, trauma management and reconstructive/oncological surgery.
Two-day weekend course

Venue and dates
Swindon Saturday 25th and Sunday 26th January 2014
Swindon Saturday 28th and 29th June 2014
Swindon Saturday 11th and Sunday 12th October 2014

Course content

Day Two – Key Emergency Procedures
This day will cover all of the major emergency surgical abdominal procedures which may be required in practice. In addition to the timetabled procedures, the lecturer is happy to cover additional procedures (e.g. pericardectomy) if desired by more advanced delegates where appropriate.

Learning objectives
By the end of the day delegates should be happy to perform:
- Gastropexy
- Cystotomy and urethrostomy/urethrotomy
- Diaphragmatic hernia
- Splenectomy

Timetable

<table>
<thead>
<tr>
<th>Session Time</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.45am</td>
<td>Coffee and registration</td>
</tr>
<tr>
<td>9.00-9.30</td>
<td>Lecture: diaphragmatic hernia, splenectomy, GDV</td>
</tr>
<tr>
<td>9.30-11.00</td>
<td>Practical: Diaphragmatic hernia, splenectomy</td>
</tr>
<tr>
<td>11.00-11.15</td>
<td>Coffee</td>
</tr>
<tr>
<td>11.15-12.30</td>
<td>Practical: GDV</td>
</tr>
<tr>
<td>12.30-1.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>1.300-2.00</td>
<td>Lecture: urinary tract obstruction</td>
</tr>
<tr>
<td>2.00-3.15</td>
<td>Retrohydropropulsion, scrotal urethrostomy, cystotomy</td>
</tr>
<tr>
<td>Additional if desired</td>
<td>Pericardectomy</td>
</tr>
<tr>
<td>3.15-3.30</td>
<td>Coffee</td>
</tr>
<tr>
<td>3.30-4.30pm</td>
<td>Review and Top Tips (including case management)</td>
</tr>
</tbody>
</table>

This course is kindly sponsored by VYGN
Introduction to small animal ultrasound

Two-day ultrasound course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venues and dates
Cranage Tuesday 15th and Wednesday 16th April 2014
St Albans Tuesday 20th and Wednesday 21st May 2014
Swindon Tuesday 24th and Wednesday 25th June 2014
Swindon Thursday 23rd and Friday 24th October 2014
Cranage Tuesday 25th and Wednesday 26th November 2014
St Albans Tuesday 16th and Wednesday 17th December 2014

Course content
This course is designed for those veterinary surgeons with limited experience of diagnostic ultrasound. By the end of the course delegates should be able to achieve a medium level of proficiency in the practical scanning of the normal abdominal organs and of the heart. Some common pathological conditions affecting the small animal abdomen and heart will be considered. Advice will be given on how to choose an ultrasound machine for your practice.

Who should attend
Those veterinary surgeons with limited experience of diagnostic ultrasound and who would like to learn the first steps in approaching abdominal and cardiac scanning.

Learning objectives
By the end of this course delegates should have an understanding of:
- Physics of ultrasound
- Machine set up
- Ultrasonography of the liver and spleen
- Ultrasonography of the gastrointestinal tract and reproductive tract
- Ultrasonography of the urinary tract
- The standard echocardiographic views
- The useful ultrasonographic measurements needed to make a diagnosis

Speakers
Fintan McEvoy
MVB PhD DVR DipECVDI MRCVS
(Speaking in Swindon in June and October and Cranage in November)

Tim Trevail
BVetMed CertVDI DipECVDI
MRCVS European Veterinary Specialist in Diagnostic Imaging
(Speaking in April in Cranage)

Sam Jakovljevic
DMV MSc DVR DipECVDI MRVCS
(Speaking in May and December in St Albans)

REQUEST FOR ASSISTANCE
Please bring a dog if you can
- Enhance your learning experience
- Help reduce the amount of time each individual dog is scanned
- Thank you vouchers available

Your help is much appreciated
Next steps – abdominal ultrasonography

Two-day ultrasound course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venues and dates
Swindon Thursday 9th and Friday 10th January
Cranage Wednesday 7th and Thursday 8th May
St Albans Tuesday 10th and Wednesday 11th June
Cranage Tuesday 7th and Wednesday 8th October 2014
St Albans Tuesday 18th and Wednesday 19th November 2014

Course content
This course has been designed for those delegates with an intermediate level of knowledge in veterinary abdominal ultrasound. It is the ideal follow on course from the 2 day introductory course. Delegates will review machine set up and will learn how to recognise common artefacts, how to perform a basic Doppler examination and consider the ultrasonographic appearance of various common abnormalities. Case based examples will help participants consolidate their knowledge and the highly practical nature of the course will enable delegates to improve their technique rapidly.

Ultrasound guided biopsy and aspiration techniques will be taught.

Learning objectives
By the end of this course delegates should have an understanding of:
• Machine set up and recording of images
• Commonly seen artefacts
• The normal and abnormal ultrasonographic appearance of the abdomen including the liver, spleen, gastrointestinal tract, urinary tract and pancreas.
• Performing elementary abdominal Doppler examination
• How to perform invasive ultrasound guided procedures

Speakers
Abby Caine
MA VetMB DipECVDI CertVDI MRCVS
(Speaking in June and November in St Albans)

Tim Trevail
BVetMed CertVDI DipECVDI MRCVS European Veterinary Specialist in Diagnostic Imaging
(Speaking in January and May in Cranage and September in Swindon)

Fintan McEvoy
MVB PhD DVR DipECVDI MRCVS
(Speaking in Cranage in October)

REQUEST FOR ASSISTANCE
Please bring a dog if you can
• Enhance your learning experience
• Help reduce the amount of time each individual dog is scanned
• Thank you vouchers available
Your help is much appreciated
Next steps in echocardiography

Two-day practical course

Course times
Day One: Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm
Day Two: Registration and coffee 8.30am
Course starts at 9.00am and finishes at 4.30pm

Course fees
£899.00 plus VAT (£1,078.80 in total)

Venues and dates
St Albans Wednesday 23rd and Thursday 24th April 2014
St Albans Wednesday 29th and Thursday 30th October 2014
Swindon Thursday 18th and Friday 19th December 2014

Course content
This course aims to train delegates on how to perform a full echocardiographic examination in dogs. This will include right and left sided views for 2D, M mode and Doppler studies. An overview of the changes seen in common acquired and congenital cardiac diseases in the dog and cat will be provided with multiple examples. The common artefacts which may be confused with cardiac pathology will be discussed. On the second day, the theory of Doppler will be introduced and its application in acquired and congenital disease will be discussed and put in practice. The course has a high practical content with plenty of time allocated to the practical sessions and case discussions.

Learning objectives
By the end of this course delegates should have an understanding of:

- The complete echocardiographic examination and how to optimise it
- The useful ultrasonographic measurements needed to make a diagnosis
- Identifying the typical changes seen in common acquired cardiac diseases.
- Identifying the typical changes seen in common congenital cardiac diseases.

Speakers

Joao Loureiro
DVM CertVC DipECVIM-CA
MRCVS
(Speaking in St Albans in April and October)

Joao graduated from the University of Oporto (Portugal) in 2001. In April 2003 he moved to the U.K. and spent two years in practice. In May 2005 he started his resident in Veterinary Cardiology at the University of Liverpool. He gained his RCVS Certificate in 2006 and his Diploma in Small Animal Cardiology and ECVIM-CA Specialist status in 2009. He is also an RCVS recognised Cardiology Specialist since 2011 and is currently working in private referral practice in Surrey, U.K.

Nuala Summerfield
BSc BV&M&S
DipACVIM(Cardiology)
DipECVIM-CA (Cardiology)
MRCVS RCVS Recognised
Specialist in Veterinary Cardiology
(Speaking in Swindon in December)

After graduating from the University of Edinburgh Veterinary School in 1998, Nuala undertook an internship and then a residency in Cardiology at the University of Pennsylvania, USA. In 2002 she obtained her ACVIM Diploma in Veterinary Cardiology. After returning to UK, Nuala was a Lecturer in Cardiology at the University of Liverpool until 2005, where she ran the clinical cardiology service. She was awarded RCVS specialist status in Cardiology in 2006 and became recognised as an European Specialist in Cardiology in 2010. Nuala has lectured both nationally and internationally and published widely in the field. She currently works as a cardiologist in specialty referral practice in Brighton, UK and at Zurich University Small Animal Veterinary Hospital, Switzerland. Her areas of particular interest are canine dilated cardiomyopathy, heart failure and cardiac arrhythmias.
Advanced abdominal ultrasonography
One-day practical course

Course times
Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm

Course fees
£495.00 plus VAT (£594.00 in total)

Venues and dates
Swindon Friday 31st January 2014
Swindon Friday 7th November 2014
St Albans Tuesday 22nd July 2014

Course content
This course is ideal for those veterinary surgeons who are familiar with abdominal ultrasound, use this diagnostic aid regularly in practice and are ready to perform some more challenging examinations.

Delegates will be taught various techniques to identify the pancreas, adrenal glands, peritoneum and medial iliac lymph nodes. Participants will have ample opportunity to practise the use of Doppler for examination of larger blood vessels. Case based examples will help participants consolidate their knowledge of the topics covered.

Learning objectives
By the end of this course delegates should have an understanding of:
• Performing and interpreting ultrasonographic examination of the right limb and body of the pancreas.
• Performing and interpreting ultrasonographic examination of both adrenal glands and the peritoneal cavity in general.
• How to perform basic techniques for the identification of portosystemic shunts
• The basic approaches for the identification of large blood vessel thrombi.

Speaker
Pete Mantis
DVM, DipECVDI, FHEA, MRCVS

Panagiotis (Pete) Mantis graduated from the Faculty of Veterinary Medicine of the Aristotle University of Thessaloniki, Greece. Pete completed a veterinary diagnostic imaging residency at the Royal Veterinary College. After completing his residency, Pete worked in first opinion practices and referral hospitals in England and Europe.

In 2000, he joined the Department of Veterinary Clinical Sciences at the Royal Veterinary College and currently he is a Senior Lecturer in Radiology. Pete is a European and RCVS Recognized Specialist in Veterinary Diagnostic Imaging and a Fellow of the Higher Education Academy.

Pete is a regular author, speaker and CPD tutor on the subjects of small animal radiology, ultrasonography, computed tomography and magnetic resonance imaging.

REQUEST FOR ASSISTANCE
Please bring a dog if you can
• Enhance your learning experience
• Help reduce the amount of time each individual dog is scanned
• Thank you vouchers available
Your help is much appreciated
Advanced echocardiography
One-day practical course

Course times
Registration and coffee 9.00am
Course starts at 9.30am and finishes at 5.00pm

Course fees
£495.00 plus VAT (£594.00 in total)

Venues and dates
Swindon Tuesday 11th March 2014
Swindon Tuesday 17th June 2014
St Albans Tuesday 16th September 2014

Course content
This course is for those veterinary surgeons who already have some experience of performing echocardiography in practice or who have attended the two-day next steps course and would like to enhance their skills further.
The day will focus on more advanced echocardiographic measurements with an emphasis on when to use them and interpret them. This highly practical course will revisit optimising the standard right sided echocardiographic views and then concentrate on the left sided standard views and Doppler echocardiography.
The use of interactive case studies and quizzes will further illuminate the use of echocardiographic techniques for the diagnosis and prognostication of cardiac cases.
The course has a high practical content.

Learning objectives
By the end of this course delegates should have an understanding of:
• All the standard echocardiographic views and how to optimise them
• The theory and use of Doppler echocardiography
• More advanced echocardiographic measurements

And have extended their echocardiographic knowledge and practical skills to a higher level.
Where next?
Step-by-step progression.
Where will you take your learning next?

Many of our courses lead on from others so there is a natural progression through several levels. Courses where you can build your learning up step by step are:

**Surgery**
- Introduction to orthopaedic surgery two-day course (p6)
- Next steps in orthopaedic surgery two-day course*
- Advanced orthopaedic surgery*
- Perfect partner to this series:
  - TTA Rapid one-day course (p7)

**Ultrasound**
- Introduction to small animal ultrasonography two-day practical course (p16)
- Next steps – abdominal (p17) or echocardiography (p18) one-day course
- Advanced – abdominal (p19) or echocardiography (p20) one-day course

**Perfect partners**
These courses all have great companion courses. Just attend one, or both for more of an intensive emersion in the subject:

**Soft tissue surgery**
- Emergency Surgery two-day course 27th and 28th May 2014 in Swindon (p8)
- Soft tissue surgery two-day course 29th and 30th May 2014 in Swindon (p9)

**Ophthalmology**
- Eyelid and cornea surgery two-day course*
- Ophthalmic emergencies one-day course*

**Endoscopy**
- Arthroscopy two-day practical course (p4)
- Lap bitch spey two-day practical course (p5)

*These courses take place later in the year. For priority booking before these are advertised, please go to www.improvecpd.com or call us on 01793 759159
Venue Information

Since September 2009 all of Improve’s one and two day practical courses at the Swindon venue have been held within our purpose built ‘wet-lab’ facility at Alexandra House conference centre near Swindon in Wiltshire.

What was once a lecture room has now been transformed into a professional working environment complete with Altro flooring, Whiterock wall cladding, air conditioning and a powerful ventilation system.

Delegates are able to work in pairs across six surgical stations with bright op-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 the facility is its flexibility and space, which enables it to be used effectively for a wide range of surgical and imaging course. Delegates can easily interact with other attendees and the speaker so that they gain maximum benefit from the practical training.

The main objectives in designing the facility were to create a safe and professional working environment, where vets can comfortably develop their skills in the latest surgical techniques without any of the logistical challenges that sometimes accompany practical courses.

Testimonials

The theory integrated with the practical sessions was fantastic, and all the additional hints and tips to make life easier for us and safer for the animals were brilliant!

Very well structured and presented course. I would recommend this to anyone with an interest in surgery

The combination of theory and practical was excellent, and the small group size meant that any questions we had or problems we encountered during the practical elements were dealt with by the tutor straight away

Very practical and informative. The wet lab sessions were brilliant! Small group size too, which made it even better!

Probably the best CPD course I’ve ever been on

The theory then practical, theory then practical format was really good. The timing was well paced, and we had plenty of time to practice what we’d learnt

This was excellent!

There was plenty of time for questions to ensure understanding, and great one-to-one support in the practical sessions

This has been an excellent opportunity to practice surgical techniques with the support and guidance of an expert

The lecturer – Professor Howard Seim III – was excellent! He kept it interesting and at a good steady pace. Great DVD’s too!

Very good practical aspect and excellent tutor!

Practical elements were very clearly explained and demonstrated

Excellent all round and I will definitely recommend this to others

www.improvecpd.com | 01793 759159 | enquiries@improve-international.com
Registration form
Practical surgery and ultrasound courses

Your details
Title: 
First name: 
Last name: 
Qualifications: 
Address: 
Post code: 
Practice name and address (if different to above): 
Post code: 
Home telephone number: 
Work telephone number: 
Fax number: 
Mobile: 
Email: 
Vegetarian meal required: 
Yes  No

Registration
I wish to register for the following practical surgery and ultrasound courses
Course: 
Venue and date: 
Course: 
Venue and date: 
Course: 
Venue and date: 
Course: 
Venue and date: 
Course: 
Venue and date: 
Signature: 

Please refer to our website for full terms and conditions.

Payment
Payment by CARD To make a credit or debit card payment (Mastercard, Visa or Maestro only)
Phone: (01793) 759159  Online: Pay over a secure server at www.improvecpd.com
Payment by CHEQUE / BANKERS DRAFT Please find enclosed a cheque/Bankers Draft for £ made payable to: Improve International Ltd

If you are enclosing a CPD voucher please write the serial number(s) here

01793 759159  |  enquiries@improve-international.com  |  www.improvecpd.com