Building A Future In Orthopaedics

Course Programme Spring/Summer 2016
Our Mission

Our mission is to provide high quality, accessible training for veterinary surgeons. Using suitably qualified and accomplished surgeons from around the world, our courses range from specialist orthopaedic procedures, such as Tibial Tuberosity Advancement (TTA) and locking plate application, to Lateral Suture, Patella Luxation and Introduction to Orthopaedics.

Our courses place a great deal of emphasis on practical experience, and we offer wet and dry labs wherever possible. This provides hands-on experience with the equipment and the procedure, without the stress of a live patient.

Book two consecutive courses and get FREE accommodation and dinner (excludes VET Festival courses)

Speakers

Dr Kinley Smith
MA VETMB PHD CERTSAS DIPECVS
MRCVS European specialist in small animal surgery

Kinley graduated from Cambridge Vet School in 2000 and worked in small animal practice where he gained a certificate in Small Animal Surgery. This was followed by a PhD in cruciate ligament disease at University of Liverpool. He subsequently became Resident in Small Animal Surgery at Glasgow Vet School, from which he qualified as an ECVS Diplomate. Kinley’s areas of clinical interest are traumatology and critical care; surgical and medical management of joint disease; wound management; and reconstructive surgery.

Prof. Filippo Maria Martini
DVM

Filippo is an Associate Professor of Veterinary Surgery at the University of Parma, Italy. He graduated in Veterinary Medicine in 1993 and earned a PhD in Orthopaedics of Domestic Animals in 1997. Filippo has been elected President of the Italian Society of Veterinary Orthopaedics and is also an Ambassador Member of AOVET. He is an author of some 80 works published in national and international journals. His interests are orthopaedics and traumatology in dogs and cats, with a special focus on articular pathologies.

Duncan Midgley
BVMS CERTSAO MRCVS

Duncan graduated from Glasgow in 1991 and achieved his certificate in small animal orthopaedics in 1996.
Courses

Introduction to Orthopaedics (Day One)

**Dates:**
28th April 2016
Eastcott Veterinary Clinic and Hospital
20th May 2016
Wear Referrals Veterinary Hospital

**Speakers:** Duncan Midgley BVMS CertSAO MRCVS & Dr Kinley Smith MA VetMB PhD CertSAS DipECVS MRCVS

We will familiarise you with specialist orthopaedic instrumentation and have the opportunity to use it in the practical dry lab afternoon session that will be structured around the morning’s content.

**Course Objectives:**
- Familiarisation with standard nomenclature of implant systems
- Understanding the biomechanics of basic fractures
- Understanding the mechanics of implant systems
- Logical approach to patient management and assessment
- Familiarisation of the regional anatomy of the long bones
- Application of implant systems

Patella Luxation and Lateral Suture (Day Two)

**Dates:**
29th April 2016
Eastcott Veterinary Clinic and Hospital
21st May 2016
Wear Referrals Veterinary Hospital

**Speakers:** Duncan Midgley BVMS CertSAO MRCVS & Dr Kinley Smith MA VetMB PhD CertSAS DipECVS MRCVS

The afternoon includes a dry lab practical with direct access to both Duncan and Kinley for experiential insight, critical feedback and answers to your questions.

**Course Objectives:**
- Selection of appropriate patients for lateral suture and tibial crest transposition
- Understanding the regional anatomy and appropriate landmarks for implant placement
- Use and selection of instruments and implants
- How to perform the lateral tibia fabellar suture and the commonly applied surgeries for patella luxation such as tibial crest transposition and sulcoplasties
- Post operative management of patients
- Recognising and resolving the complications associated with surgery
TTA Using Xgen (Forkless) Plate

Date: 2nd June 2016
Price: £600

Eastcott Veterinary Clinic and Hospital
Speakers: Duncan Midgley BVMS CertSAO MRCVS & Prof. Filippo Martini DVM

TTA has become one of the preferred techniques used in orthopaedic practice for the treatment of cranial cruciate ligament disease. It is more invasive than some of the other techniques and involves an osteotomy. We strongly recommend attending a practical course before attempting this technique. Securos Orthopaedic Institute has trained many veterinary surgeons worldwide to a level where they feel confident to use this technique in practice.

In the morning session we will initially focus on the pathophysiology of cranial cruciate ligament disease and the theory that surrounds TTA. In addition, there will be an opportunity to practise using digital imaging software.

Course Objectives:
- Biomechanics of the cruciate ligament deficient stifle and tibial tuberosity advancement
- Patient assessment and selection of candidates for surgery
- Pre-operative surgical planning and implant selection
- Familiarisation with, and appropriate use of, TTA instrumentation
- Surgical technique taught in a dry lab and wet lab
- Post-operative management of patients
- Potential complications and how to deal with them

This course has been designed to be highly practical, offering the opportunity to practise the technique twice, once on a saw bone and then in the wet lab.

VET Festival Courses

Dates: 3rd and 4th June 2016
Price: FOC

Loseley Park, Surrey
Speakers: Duncan Midgley BVMS CertSAO

Securos interactive taster sessions invite delegates of VET Festival to get ‘hands on’ with orthopaedics. In these short labs, Duncan will share his experiences and insight into commonly practiced surgical techniques. The sessions will comprise of an overview of the procedure, hints and tips including real case examples, followed by a Q&A.

Delegates will then get the opportunity to put all of this into practice on bone models which they can keep for use in the consultation room.

Places are complimentary and limited to eight surgeons per class.

Schedule for both days:

09.40am (40 mins)
Introduction to Orthopaedics
Femoral Fracture Repair using Plate/Rod Combination

12.25pm (40 mins)
Lateral Suture
Placement of Lateral Suture using the Securos PowerX System

2.25pm (1 hr)
XGEN (Forkless) TTA
Surgical Technique on Dry Bone

4.05pm (40 mins)
PAX Polyaxial Locking
Tibia Fracture Repair using PAX Locking System
Intermediate Fracture Management Forelimb (Day One)

Date: 29th June 2016
Price: £600

Eastcott Veterinary Clinic and Hospital

Speakers: Duncan Midgley BVMS CertSAO MRCVS & Prof. Filippo Martini DVM

The wet lab practical session will include surgical approaches to humeral shaft, condylar fractures and distal radial fractures particularly in toy breeds.

We start the morning by discussing the methods used to stimulate bone healing. This is followed by a session examining the decision making process that influences our choice of approach and implant system. We will examine our approach to clinical cases, starting with our pre-operative evaluation, and look at the factors that could influence our post-operative management, fracture healing and complications.

We conclude the morning session with approaches to specific fractures of the radius/ulna and humerus, and case studies. Delegates are invited to bring their own cases for discussion in this segment.

Course Objectives:
- Bone grafting and the synthetic alternatives to cancellous grafts
- Understanding the regional anatomy of, and applying it to, the surgical approaches to the humerus and radius
- Understanding the biomechanics of implant systems used in the treatment of fractures of the humerus and radius and ulna
- Decision making in the selection of implant systems
- Treating complications associated with forelimb fracture repair
- Practical application of implant systems to the humerus and radius in the wet lab using PAX and traditional compression plates

Intermediate Fracture Management Hindlimb (Day Two)

Date: 30th June 2016
Price: £600

Eastcott Veterinary Clinic and Hospital

Speakers: Duncan Midgley BVMS CertSAO MRCVS & Prof. Filippo Martini DVM

During the wet lab practical we will be using the PAX locking system as well as traditional compression plates.

The second day of the course will focus on fractures of the hindlimb. We will start with a session on the development and use of minimally invasive fracture repair techniques.

This will be followed by the approach to the management of specific fractures of the hindlimb and pelvis, including comminuted tibial shaft, fractures of the malleolar, sacroiliac luxations and iliac shaft fractures, as well as complex femoral fractures and non-unions.

The afternoon will be devoted to the application of these techniques in the wet lab.

Course Objectives:
- Understanding the regional anatomy of, and applying it to, the surgical approaches to the pelvis, femur and tibia
- Understanding the biomechanics of implant systems used in the treatment of fractures of the pelvis, femur and tibia
- Decision making in the selection of implant systems
- Treating complications associated with hindlimb fracture repair
- Practical application of implant systems to the pelvis, femur and tibia
Orthopaedic Courses
2016 Registration

Please select which courses you would like to attend

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<thead>
<tr>
<th>Dates 2016</th>
<th>Subject</th>
<th>Cost</th>
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*Eastcott Veterinary Clinic and Hospital  **Wear Referrals Veterinary Hospital  ***Leasey Park, Surrey

Please complete your details below

Title: 
First Name: 
Surname: 
Clinic Name: 
Address: 
Country: 
Postcode: 
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Please specify if you have any special dietary requirements: 

Payment details (please tick as appropriate)

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08450 702498  info@securos.co.uk  www.securos.co.uk