



ORTOPEDIA

AOVET MASTER COURSE ON ADVANCED CORRECTIVE OSTEOTOMIES FOR FRONT LIMB DEFORMITIES

March 28th-30th, 2019

COURSE DESCRIPTION

The aim of the course is to cover all diagnostic and surgical aspects to correct front limb skeletal deformities.

DELEGATES: 26

Course Chair

DEREK FOX, DVM, MS, DACVS,
Missouri, USA
ALDO VEZZONI, Med Vet,
SCMPA, Dipl ECVS, Cremona, Italy



Lab Assistance

ENRICO PANICHI, DVM, Arenzano, Italy
LUCA VEZZONI, DVM, Cremona, Italy

Faculty

DEREK FOX, DVM, MS, DACVS, Missouri, USA
GAYLE JAEGER, DVM, MSpVM, DACVS, Veterinary Referral
Center, Malvern PA, USA
MIKE KOWALESKI, DVM, DACVS DECVS Tufts University,
Boston, USA
BRUNO PEIRONE, DVM, PhD, University of Turin, Italy

Day 1, Thursday March 28th, 2019

08:30	Registration of the participants
09:00	Welcome and info about the Course and Contents
SESSION 1 Center of Rotation of Angulation (CORA) Methodology	
09:10	Pathobiology of ALDs (Angular Limb Deformities)
09:30	Introduction the CORA Methodology
09:50	CORA Method of Planning Corrective Osteotomies
10:10	Workbook Exercise 1: Joint Orientation Lines and Axes
10:25	Graphic Method of Deformity Plane Determination, part 1
10:45	Graphic Method of Deformity Plane Determination, part 2
11:05	Coffee break
11:25	Workbook Exercise 2: Graphical Method of Plane Determination
SESSION 2 Rules of Osteotomies: Describe the three rules of osteotomies based on Paley's methodology using circular ring fixators	
11:40	Concepts of Osteotomies and Paley's Three Rules
12:00	CESF (Circular External Skeletal Fixation) Introduction and Concepts
12:15	CESF Nomenclature and IMEX System
12:35	CORA Plane of Deformity as it Relates to CESF Application
12:50	Workbook Exercise 3: Planning CESF Position Based on Oblique Plane CORA
13:10	Discussion and Sum-up of the morning
13:20	Lunch
SESSION 3 Concepts of osteotomies related to radius and ulna. Apply concepts of osteotomies to deformities of the radius and ulna	
14:40	Distraction Osteogenesis for ALDs (concepts of latency, rate and rhythm)
14:55	Clinical Application of CESF for ALDs
15:15	Lab A: Pre-Op Planning for Simple Frontal Plane ALD with CESF
15:30	Lab B: Pre-Op Planning for Simple ALD with Distraction Osteogenesis by Offsetting ACA
15:45	Lab C: Planning for Oblique Plane ALD with CESF
16:05	Coffee break
16:25	Radiographic Evaluation of the Radius and Ulna
16:40	Normal Radial and Ulnar Axes, Joint Orientation Lines, and Joint Reference Angles
SESSION 4 Radial and Ulnar Angular Deformities - Apply concepts of osteotomies by utilizing planning sessions on drawings of realistic models of radial and ulnar angular deformities	
17:00	Executing a Closing Wedge Osteotomy
17:30	Workbook Exercise 4: Determining Joint Orientation Lines, Axes and Joint Angles of the Radius and Ulna
18:00	Workbook Exercise 5: Homework Assignment Clinical Case - Radial/Ulnar Angular Limb Deformity
18:10	Discussion and Sum-up of the first day
18:30	End of day 1

Day 2, Friday March 29th, 2019

SESSION 5 Practical Exercises with Circular External Skeletal Fixators (CESF). Apply techniques learned during the Workbook Session to realistic models in a practical laboratory setting that will be used in conjunction with models of radial and ulnar angular deformities	
08:30	PRACTICAL EXERCISE A: Simple Frontal Plane ALD with CESF

08:50	PRACTICAL EXERCISE B: Simple ALD with Distraction Osteogenesis by Offsetting ACA
09:10	PRACTICAL EXERCISE C: Oblique Plane ALD with CESF
09:30	Move from Practical Lab Room to Lecture Room
09:40	Correction of Torsion Along with Angulation
10:00	Workbook Exercise 5: Homework Assignment Clinical Case - Radial/Ulnar Angular Limb Deformity - Results
10:20	Lab D: Preoperative Planning for Uniapical Frontal Radial ALD with CESF
10:40	Coffee break
11:00	Lab E: Preoperative Planning for Uniapical Frontal Radial ALD - Convert to Closing Wedge with Bone Plate
11:20	Lab F: Preoperative Planning for Uniapical Oblique Plane Radial ALD with CESF
11:40	Lab G (Uniapical Frontal Radial ALD - Convert to Closing Wedge with Plate) DF
12:00	Multiapical Radial/Ulnar Deformities
12:20	Workbook Exercise 6: Multiapical Radial/Ulnar Deformity Planning
12:50	Use of a special jig for limb alignment, DRD
13:10	Discussion and Sum-up of the morning
13:20	Lunch
SESSION 6 Practical Exercises on Angular Limb Deformities. Apply concepts of corrections on bone models with realistic angular deformities. Apply concepts of corrections on bone models with realistic angular deformities	
14:40	PRACTICAL EXERCISE D: Uniapical Frontal Radial ALD with CESF
15:10	PRACTICAL EXERCISE E: Uniapical Frontal Radial ALD - Convert to Closing Wedge with Bone Plate Wedge with Bone Plate
15:40	PRACTICAL EXERCISE F: Uniapical Oblique Plane Radial ALD with CESF
16:10	PRACTICAL EXERCISE G: Uniapical Oblique Plane Radial ALD with Closing Wedge
16:40	Coffee break
SESSION 7 Practical Exercises on Angular Limb Deformities: Apply concepts of corrections on cadaver limb	
17:00	Radial and ulnar osteotomy and plate fixation, surgical technique
17:20	PRACTICAL EXERCISE H: Wet-lab osteotomy and plate fixation in cadavers (isolated front limb)
18:40	End of day 2

Day 3, Saturday March 30th, 2019

SESSION 8 Other osteotomies of the forearm and case discussion	
09:00	Surgical treatment of CEL (Congenital Elbow Luxation) with corrective osteotomies
09:20	Surgical treatment of CEL with dynamic ExFix
09:40	Overall alignment of the entire forelimb
10:10	Proximal abducting ulnar osteotomy (PAUL) to change the mechanical axis of the front limb in medial compartment disease of the elbow in adult dogs
10:30	Coffee break
10:50	Fireside discussion on surgical planning of clinical cases
12:30	Lunch
13:50	Fireside discussion on front limb corrective surgery in clinical cases: tricks, problems, complications
15:50	Discussion and Sum-up of the course
16:20	Greetings coffee

Simultaneous translation service not provided

INFO

LOCATION: Cremona, Palazzo Trecchi

CONTACT FOR INFORMATION AND REGISTRATION

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