



DELEGATES: 36

## ORTOPEDIA - AOVET MASTER COURSE HOW TO AVOID, RECOGNIZE AND MANAGE COMPLICATIONS IN SMALL ANIMAL FRACTURE

April 1<sup>st</sup>-3<sup>rd</sup>, 2019

### COURSE DESCRIPTION

This AOVET course will focus on potential sources of complications and how to avoid them. If something goes wrong, early recognition and proper management is important and can be crucial in order to win the game in face of a complication. During the course the participant will not only learn to recognize and diagnose the different problems but also get guidelines to select the optimal state of the art in their treatment. In the labs plastic bone models (dry lab) will be used. This course is designed for orthopedic surgeons who have taken already a basic and preferably an advanced course.

### Course Chair

BRUNO PEIRONE, DVM, PhD,  
University of Turin, Italy



### Lab Chair

MIKE KOWALESKI, DVM, DACVS DECVS Tufts University,  
Boston, USA

### Faculty

DEREK FOX, DVM, MS, DACVS, Missouri, USA  
TOBY GEMMILL, DVM, DECVS Willows Referral Centre, UK  
MIKE KOWALESKI, DVM, DACVS DECVS Tufts University,  
Boston, USA  
BRUNO PEIRONE, DVM, PhD, University of Turin, Italy  
LUCA VEZZONI, DVM, Cremona, Italy

### Day 1, Monday April 1<sup>st</sup>, 2019

08:00	Registration
08:20	Welcome, introduction of the course
08:30	What is a surgical complication?
08:50	Failure to plan is planning to fail - importance of preoperative planning
09:10	Ready for takeoff - do you use a checklist?
09:30	The timing of fracture treatment in polytrauma patients: relevance of damage control in orthopedic surgery
09:50	Size is important: guidelines for implant selection
09:30	Coffee break
10:00	Plenary Case discussion 1: Implant failure: what can we learn?
12:00	Questions and Answers
12:30	Lunch
14:00	Practical Exercise 1: Challenging with comminuted distal tibia fracture
15:30	Keep it clean from skin to skin - how to reduce the risk of contamination and postoperative infection
15:50	Positioning and options for fracture reduction
16:10	Coffee break
16:30	Post-operative instructions for dummies: make sure they understand what you tell them!
16:50	Immediate postoperative assessment of the patient
17:10	Plenary Case discussion 2: Something is not the way it should be - assessment of post op radiographs
18:30	End of day 1

### Day 2, Tuesday April 2<sup>nd</sup>, 2019

08:30	It's bleeding! - haemorrhage & hemostasis
08:50	Limits of intraoperative imaging (radiation, limits of the technique, insufficient imaging or incorrect positioning)
09:10	Minimal invasive surgery - maximal complications: when to stop MIS?
09:30	When it comes from simple to worse - intraoperative complications

10:00	Coffee break
10:30	Plenary Case discussion 3: Minimally Invasive Fracture repair: fracture assessment and planning
12:00	Lunch
13:30	Practical Exercise 2: Challenges with Minimally Invasive Fracture repair
14:30	Identification and treatment of surgical site infection and other soft tissue complications
14:50	Bug attack! Management of osteomyelitis
15:10	Plenary Case discussion 4: Identification and treatment of chronic osteomyelitis
16:10	Coffee break
16:30	Practical Exercise 3: Revision surgery for osteomyelitis
17:50	Diagnosis and treatment of a septic joint
18:10	End of day 2

### Day 3, Wednesday April 3<sup>rd</sup>, 2019

08:30	Tension Band Wiring: biomechanically simple but technically unforgiving
08:50	Practical Exercise 4: Olecranon Fracture
10:10	Coffee break
10:30	Plenary Case discussion 5: Avoiding and managing complications with tension forces
12:00	Lunch
13:00	The fracture is not healing well - delayed, atrophic and non-unions
13:20	Malunions - when and how to revise?
13:40	Screw striptease - challenges of implant removal
14:10	Practical Exercise 5: Challenging with comminuted femoral fracture
15:20	Case discussion 6: Disturbed fracture healing - how to make this fracture healing?
16:00	Coffee break
16:30	Plenary discussion 7: "Pants down - case presentations": my worst disasters
17:30	Round up - what we have learnt
18:00	End of the course - certificate Ceremony

 Simultaneous translation service provided

### INFO

LOCATION: Cremona, Palazzo Trecchi

### CONTACT FOR INFORMATION AND REGISTRATION

Oriana Sarman, AOVET Education (CH)  
Oriana.Sarman@aovet.org  
www.aovet.org/courses