AO MASTERCLASS
COURSE ON ADVANCED CORRECTIVE OSTEOTOMIES
NOVEMBER 4TH-7TH, 2009 CREMONA, ITALY

organized by [Certified ISO 9001:2000]

Supported by:
- ROYAL CANIN
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FIRST DAY, WEDNESDAY NOVEMBER 4TH 2009

08.50 Welcome, faculty introduction, organization of the Course
09.00 Introduction of the Center of Rotation of Angulation (CORA) - Concept and glossary of Terms
09.15 Workbook - Joint reference Lines, Anatomical and Mechanical Axix (TBL)
09.25 CORA method of planning corrective osteotomies
09.45 Graphical Method of Deformity Plane Determination
10.05 Workbook - Graphical Method of Deformity Plane Determination
10.30 Coffee break
10.50 Wedge and dome osteotomies
11.25 Execution of the planned Osteotomy
11.40 Multi Level Angular Deformity
12.00 Radiographic evaluation of Radius and Ulna
12.15 Normal Radial and Ulnar Angles
12.25 Workbook - Radial (JRL) and Anatomical Axis
12.30 Simple closing Wedge Osteotomy of the Radius and Ulna
12.45 Discussion and Questions
13.00 Lunch break
14.00 Study Break
14.30 Exercise - Preoperative Planning of a Simple Closing Wedge Osteotomy
15.00 Oblique plane Closing Wedge Osteotomy
15.25 Exercise: Preoperative Planning of a Oblique Plane Closing Wedge Osteotomy
16.00 Case Presentation - Angular Deformity of Radius and Ulna
16.15 Use of Circular External Fixation for Correction of Angular Deformity
16.40 Coffee break
17.00 Case presentation: acute correction of a deformity with CEF
17.15 Homework Assignment - Angular Limb Deformity
17.20 Lab A: Simple Closing Wedge Osteotomy on Plastic Bones
18.20 Lab B: Oblique Plane Closing Wedge Osteotomy on Plastic Bones
19.20 Discussion and Questions
19.30 Opening ceremony: “Salami” Party

The opening ceremony will be held in the magnificent Palazzo Trecchi one of the most meaningful and magnify cent building of the Cremonensis Renaissance which gave hospitality to Kings, Emperors, Cardinals, famous people and Captains among who we remember Luigi XII of France, Carlo V of Spain and Garibaldi. Nowadays it is the headquarter of SCIVAC where the course is held. During the opening ceremony the participants will have the opportunity to familiarize and to meet the faculty while enjoying the typical cheeses, salami and wines of the region.

The ceremony is kindly sponsored by Synthes Italy

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SECOND DAY, THURSDAY NOVEMBER 5TH 2009

08.30 Lab C: Multiple Level Osteotomy Correction on Plastic Bones
09.30 Corrective Osteotomies for Malunions
09.45 Corrective osteotomy of distal tibia for pes varus
10.00 Corrective osteotomies for Elbow Joint Incongruity
10.20 Homework Results - Angular Limb Deformity
10.25 Discussion and Questions
10.30 Coffee break
11.50 Skeletal Deformities Associated with Patellar Luxation and Pathophysiology
12.10 Normal Femoral and Tibial Angles
12.25 Workbook - Femoral and Tibial JRL and Axes
12.40 Radiographic assessment and Preoperative Planning of Corrective Osteotomy for Dogs with Patellar Luxation
13.00 Lunch break
14.00 Study Break
14.30 Corrective Osteotomy for Dogs with Patella Luxation
14.50 Exercise: preoperative Planning Femoral and Tibial Corrective Osteotomies for Patellar Luxation
15.20 Lab. D: Femoral and Tibial Corrective Osteotomies for Patellar Luxation on Plastic Bones
16.40 Coffee break
16.50 Comparison of Techniques for Trochlear Groove Deepening and Tibial Tuberosity Transposition
17.10 Corrective Osteotomy for Patellar Luxation - Assessment and Function
17.30 Case Presentation - Patella Luxation
17.45 Homework Assignment - Patellar Luxation
17.50 Tibial Plateau Slope in Cranial Cruciate Disease - How does TPLO Stabilize the Stifle?
18.10 Placement of the Osteotomy for TPLO
18.30 Comparison of Plates Designed for TPLO and TPLO Procedure
19.00 Discussion and Questions
19.30 End of the second day

THIRD DAY, FRIDAY NOVEMBER 6TH 2009

08.30 Homework Results - Patellar Luxation
08.35 Correction of Excessive Tibial Plateau Slope
09.00 Exercise - Preoperative TPLO Planning - Normal and excessive Slope
09.35 LAB E Part 1: AO TPLO LCP Plate on Plastic Bones
10.30 Coffee break
10.50 LAB E Part 2: 2. Correction of Excessive Tibial Plateau Slope on Plastic Bones
12.10 Correction of Rotational and Angular Deformity During TPLO
12.30 TPLO in small dogs
12.50 Homework Assignment - TPLO
13.00 Lunch break
14.00 Study Break
14.30 Physiologic TPLO in Growing Dogs with partila ephyphysiodesis
14.50 Complications of and Outcome after TPLO
15.10 Meniscal Release - Should it be done?
15.25 TPLO Case Presentation
15.45 Homework Results - TPLO
15.55 TTA, principles - How does TTA stabilize the Stifle?
16.15 Patient Selection and Preoperative Planning for TTA
16.30 Exercise - Preoperative TTA Planning
16.40 Coffee break
17.00 TTA, surgical tips
17.30 Complications of and Outcome after TTA
17.50 Homework Assignment - TTA
18.00 LAB F - TTA procedure on Plastic Bones
19.00 Tibial tuberosity recession in the caudal cruciate ligament deficient knee
19.20 Discussion and Questions
19.30 End of the third day
20.15 Social Dinner

Meeting in Duomo Square and departure by bus to “Trattoria della Pace” in Castelvetro Piacentino It is an old “trattoria” in the countryside of Cremona just after the bridge of Po River (10 minutes by bus) You will really enjoy tasting our typical “Torta fritta”!

FOURTH DAY, SATURDAY NOVEMBER 7TH 2009

08.30 Homework Results - TTA
08.40 Principles of locking compression plates (LCP)
09.00 Clinical applications of LCP 2
09.00 Different systems of internal fixation with locked screws
09.40 Minimally invasive joint fracture repair
10.00 Minimal invasive plate osteosynthesis (MIPO)
10.20 Discussion and Questions
10.30 Coffee break
10.50 Interlocking nailing in complex fractures
11.10 Catastrophic implant failures
11.30 Double Pelvic Osteotomy (DPO) vs TPO, principles and surgical tips
12.00 Complications of and Outcome after DPO
12.20 Bone graft, bone substitutes and promoters of osteogenesis
12.50 Discussion and Questions
13.00 Lunch break
14.00 LAB G - Principles of application of LCP and minimal-invasive treatment of a tibia fracture with LCP on plastic bones
16.00 Discussion and Questions
16.20 End of the Course and delivering of Participation Diplomas