


**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**



**Pre-congress: Wednesday, September 15<sup>th</sup>, 2010 - At the University of Bologna, Faculty of Veterinary Medicine**

Lab/time	<b>Small Animal Arthrodesis wetlab</b>  Min 12 Max 20 seats	<b>EQUINE Stemcell and PRP Lab</b> Min 8 Max 16 seats	<b>EQUINE MRI Reading Lab</b> Min 10 Max 30 seats	<b>EQUINE Lameness Locator™ Lab</b> Min 8 Max 18 seats
08:30	<b>Faculty:</b> D. Griffon, B. Peirone, A. Piras, R. Vannini General indications and basic general principles of arthrodesis Bone grafting techniques – autograft, allograft and DBM Carpal arthrodesis – panarthrodesis vs partial arthrodesis Partial carpal arthrodesis - surgical techniques Pancarpal arthrodesis - surgical techniques	Lecture 1 – Principles of treatment of tendinopathies (R. Smith) Lecture 2 – Regenerative medicine for tendon injuries (R. Smith)	Lecture 1: Principles of MRI: technique and artefacts (N. Bolas) Lecture 2: MRI of the foot Part 1 (S. Powell) Lecture 3: MRI of the foot Part 2 (M. Martinelli)	Equine Gait Analysis (K. Keegan) Introduction to Lameness Locator™ (K. Keegan)
10:40	<b>Coffee break</b>			
11:00	Practical 1 – partial (T-plate) and pancarpal arthrodesis (3.5/2.7mm hybrid plate) and use of DBM	Lecture 3 – Technique for bone marrow aspiration (R. Smith) Lecture 4 – Sampling handling and delivery (G. McGarrell, VetCell Biosciences Ltd) Lecture 5 – Stem cell implantation technique (R. Smith) Lecture 6 – Post implantation rehabilitation (R. Smith) Alternative biological therapies (R. Smith)	Practical exercise: Image Reading MRI of the foot (S. Powell, C. Judy, N. Bolas, T. Schulze, M. Martinelli)	Lameness Locator™ (K. Keegan, M. Schramme, A. Spadari)
12:30	<b>Lunch break</b>			
13:30	Partial tarsal arthrodesis – indications and surgical techniques Pantarsal arthrodesis – dorsal & medial plating: indications and surgical techniques Complications	Group A: Live horse demonstration (G. McGarrell) Group B: Injection practical (R. Smith)	Lecture 4: MRI of the pastern, fetlock and metacarpal/metatarsal regions (C. Judy) Practical exercise: Image reporting (S. Powell, C. Judy, N. Bolas, T. Schulze, M. Schramme, M. Martinelli)	
15:00	<b>Coffee break</b>			
15:20	Practical 2 – calcaneoquartal arthrodesis and pantarsal arthrodesis (dorsal and medial plating)	Group A: Injection practical (R. Smith) Group B: Live horse demonstration (G. McGarrell) Final discussion	Practical exercise: Case discussion (S. Powell, C. Judy, N. Bolas, T. Schulze, M. Schramme, M. Martinelli)	
17:30	<b>End of the Course</b>	<b>End of the Course</b>	<b>End of the Course</b>	

 **SMALL ANIMAL**
 **EQUINE**
 **BOVINE**
 **FREE COMMUNICATION**

# PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010

## Pre-Congress: Wednesday, September 15<sup>th</sup>, 2010 - At the Congress Center

Room/time	Bianca	Europa 800 seats  <b>SIVE Satellite Symposium</b> Present and future in the diagnosis and treatment of equine joint diseases: <b>Meeting with Wayne McIlwraith</b>	Italia 285 seats  <b>Osteoarthritis Seminar</b>	Indaco 140 seats  <b>FIXIN Seminar</b>	Magenta 500 seats  <b>Sports Medicine Seminar</b>	Rossa Min 10 Max 20 seats  <b>TTA drylab</b>	Gialla Min 10 Max 20 seats  <b>SA Hybrid external Fixation drylab</b>	Verde Min 10 Max 20 seats  <b>TTO drylab</b>
09.00-11.00		<b>Chair: G. Ricardi</b> Advances in diagnosis of equine joint disease <b>Identification of new targets for joint therapy and their relationship to treatment</b>	<b>Chair: J. Innes</b> <b>Disease staging</b> Owner questionnaires - where are we? (J. Innes, USA) Force plate measures (M. Conzemius) Activity Monitors (D. Lascelles)	<b>Chair: M. Petazzoni</b> Mechanics: Recent novelties and improvements (A. Urizzi) Fractures in Dogs, Thoracic limb (A. Ferretti) Fractures in Dogs, Pelvic limb (S. Lozier) Fractures in cats (B. Verdonck)	<b>Chair: J. Houlton</b> Working Sheepdogs (S. Butterworth) Southern hemisphere dogs (R. Eaton-Wells) Gun dogs (J. Houlton) Carpal injuries – can we extrapolate Greyhound information? (K. Johnson)	<b>Chair: S. Tetric</b> Biomechanics of TTA (S. Tetric) TTA Instruments & Implants (S. Tetric) Preoperative planning (R. Boudrieau) Surgical Technique (A. Vezzoni)	<b>Chair: G. Rovesti</b> Instruments for use in small animals Old and new concepts in linear (LEF) and circular external fixation (CEF) for fracture stabilization Use of the hybrid external fixation (HEF) for radius-ulna and tibia stabilization Use of HEF for humerus and femoral fracture	<b>Chair: G. Robins</b> Faculty: G. Robins, M. Owen, J. Lapsch Concept of TTO Decision making Pre-operative planning
11.00-11.30	<b>COFFEE BREAK</b>							
11.30-13.00		<b>New concepts in the treatment of subchondral bone cysts of the stifle and management of other traumatic lesions of the stifle</b>	<b>Imaging OA</b> MRI of cartilage - an overview (C. Cook) Quantitative MR of elbows (J. Innes) dGEMRIC of canine cartilage (M. Conzemius)	MIPO technique (D. Hulse) New Products (M. Petazzoni) Humeral Sliding Osteotomy - my experience (B. Verdonck)	Cruciate injuries - are performance dogs different? (E. Comerford) Shoulder injuries - is treatment a realistic option? (J. Cook) Feeding for performance (D. Morgan)	Practical Exercise: planning Practical Exercise on Plastic Bones	Drylab: Preassembling of the frame and basic techniques for fracture reduction Drylab: Frame application to the radius-ulna and tibia	TTO Instrumentation TTO Step by Step Aftercare and outcomes
13.00-14.00	<b>LUNCH</b>							
14.00-16.00		<b>Current treatments (conventional and biological) for equine joint disease</b> Discussion Final assessment	<b>Biomarkers and clinical trials</b> Serum biomarkers (K. Hayashi) Gene Microarray (J. Cook) Metabolomics (P. Clegg) Clinical trial design, statistical issues and sample size estimates (F. Brock)	TPLO (B. Beale) TPLO in small dogs (A. Vezzoni) TTO (R. Properzi) cTTA (M. Petazzoni) DPO uni/bilateral (A. Vezzoni)	Exercise associated collapse - metabolic causes (M. Herrtage) EIC in Labradors (L. Ferasin) Physiotherapy - who feels better? (M. Conzemius)	Video of TTA Surgery with commentary Results and complications (A. Vezzoni)	New hybrid configurations and new materials Destabilization and dynamization Drylab: Frame application to the humerus	Video presentation Practical exercise on plastic bones
16.00-16.30	<b>COFFEE</b>							
16.30-17.30			<b>Disease management</b> Alternative analgesics (D. Lascelles) Stem cells - fact or fiction? (M. Conzemius) Discussion	Nonunions and malunions (U. Reif) Implant removal (U. Reif) Corrective Osteotomies (M. Petazzoni)	Management of tendon/ligament injuries in performance dogs (J. Dee)	Clinical Experience, TTA vs. TPLO (R. Boudrieau) Patient selection for TTA (A. Vezzoni) Meniscal release Clinical Performance – Feedback and Financial Matters - (S. Tetric)	Drylab: Frame application to the humerus Interactive evaluation of clinical cases Course debriefing 18:00 End of the course	Complications Tips and tricks Discussion

 **SMALL ANIMAL**
 **EQUINE**
 **BOVINE**
 **FREE COMMUNICATION**

[illegible]

**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**

**Congress: Thursday, September 16<sup>th</sup>, 2010 - Afternoon**

Room /time	Europa	Bianca 140 seats  LA Main Program Subchondral Bone Injury	Italia 285 seats  SA Main Program	Magenta 500 seats  SA Main Program	Indaco Min 20 Max 50 seats  IEWG workshop	Rossa 50 seats  In-depth Seminars	Gialla 50 seats  In-depth Seminars	Verde 50 seats
14:00-16:30		<b>Chair: C. Riggs</b> Subchondral bone necrosis in the human knee and hip joints (B. Eyes) Palmar osteochondral disease (POD) in the fetlock: definition, pathophysiology and diagnosis (C. Riggs) Palmar osteochondral disease (POD) in the fetlock: Epidemiology, prevention and treatment (P. Clegg) MRI of subchondral bone injury in horses (M. Schramme) Current standards of treatment for subchondral cyst-like lesions (A. Nixon)	<b>SA Complications</b> <b>Chair: T. Turner</b> Multi-resistant bacteria: current status including management (D. Lloyd) Implant-associated infections (N. Erhart) Implant mechanical failure (R. Boudrieau) Nosocomial (surgical) infections (D. Lloyd) Negligence claims: can you reduce them? (J. Houlton)	<b>The stifle 1</b> <b>Chair: R. Vannini</b> Tibial epiphysiodesis: results (A. Vezzoni) TTO: results (G. Robins) Tightrope: results (J. Cook) Tibial epiphysiodesis: complications (A. Vezzoni) TTO: complications (G. Robins) Tightrope: complications (J. Cook) Biomechanics of osteotomies and contact mechanics of meniscal surgery (A. Pozzi) Managing cruciate disease: where are we heading? (R. Boudrieau)	<b>cont.</b> Free communications: Evaluation of incongruities in the canine elbow with FCP by a standardised X ray method in dogs. (I. Pfeil) Compartmental Bone Induction Stimulus (COBIS) for early treatment of Osteochondral disease (Coronoid disease, OCD) (P. Kramers) <b>Film reading session:</b> training how to score according to IEWG [simultaneous translation in Italian] (M. Flückiger, E. Auriemma) Results of screening programmes in relevant breeds (B. Tellhelm) <b>Closing remarks</b>	<b>In-depth Seminar on Challenging Fractures</b> <b>Chair: R. Palmer</b> Challenging acetabular and pelvic fractures (R. Boudrieau) Challenging elbow fractures (N. Fitzpatrick) Challenging juxta-articular fractures (A. Piras) Challenging polytrauma cases (R. Palmer) Challenging feline fractures including the patella (S. Langely-Hobbs)	<b>In-depth Seminar on Limb Deformities</b> <b>Chair: J. Tomlinson</b> Cora method applied to veterinary orthopaedics (D. Fox) Normal bone angles and malalignment (J. Tomlinson) Front limb deformities (D. Fox) Rear limb deformities (J. Tomlinson)	
16:30-17:00	COFFEE AND EXHIBITION							
17:00-17:30	Opening Ceremony							
17:30-18:30	<b>State of the Art Lecture</b> Tissue engineering with mesenchymal stem cells in human orthopaedics – what do we know today? <b>(Professor Frank Barry)</b> Chair: O. Lepage							

**SMALL ANIMAL SESSION**
 **EQUINE SESSION**
 **BOVINE SESSION**
 **FREE COMMUNICATION**

**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**

**Congress: Friday, September 17<sup>th</sup>, 2010 – Morning**

Room /time	Europa SCIVAC/SIOVET Satellite Symposium  New trends in canine and feline orthopaedics	Bianca 140 seats  LA Main Program Advanced Imaging	Italia 285 seats  SA Main Program Facial trauma	Magenta 500 seats  SA Main Program Hip trauma	Indaco 140 seats  Bovine Orthopaedics	Rossa 50 seats  In-depth Seminars	Gialla 50 seats  LA Free Comm on Fractures	Verde 50 seats  SA Free Comm
09:00-11:00	<b>Chair: C. M. Mortellaro</b> Elbow dysplasia – what are the new surgical options and are they successful? (B. Beale) Partial tears of the cranial cruciate ligament - is it really that controversial? (B. Beale) How to improve meniscal visualization (A. Pozzi) Pearls and pitfalls of tibial osteotomies TPLO, TTA, CWTO (A. Pozzi)	<b>Chair: M. Schramme</b> Prepurchase MRI of professional football players – what have we learned? (B. Eyes) Prepurchase MRI of horses – definition and clinical implications (T. Schulze) Contrast MRI in the horse (C. Judy) Low field MRI aspects of palmar/plantar metacarpal/metatarsal pain syndrome (S. Powell)	<b>Chair: N. Ehrhart</b> Imaging facial trauma (A. Brueshschwein) Mandibular/maxillary fractures (R. Boudrieau) Skull fractures (T. Turner) Treatment of large defects (unilock system) and bone augmentation techniques (R. Boudrieau)	<b>Chair: J. Innes</b> Fractures of the femoral head and neck (U. Matis) Acetabular fractures (L. Pluhar) Traumatic hip luxations in cats (U. Matis) Traumatic hip luxations in dogs (R. Whitelock)	<b>Chair: K. Nuss</b> Clinical lameness examination (Karl Nuss) Ultrasonographic examination (J.Kofler) Radiographic examination – a new digital atlas (A. Steiner)	<b>In-depth Seminar on Juvenile HD</b> <b>Chair: T. Dueland</b> Early diagnosis and case selection (A. Vezzoni) JPS: 7 years follow-up results (T. Dueland) DPO: mechanism of action (D. Fox) DPO: clinical results (A. Vezzoni) Preliminary data on locked vs. non-locked TPO plate fixation (R. Palmer)	<b>Chair: W. Back</b> Multiple Rib Fracture Repair in a Standardbred Foal (R. Rinnovatt) Clinical Management of Fractured Tibia in a Bull with the Use of Interlocking Nail without Reaming (R. Pandey) Evaluation of Biomarkers of Bone Formation and Serum Minerals Variations for Prediction of Fracture Healing Versus Non-Union Process in Sheep as a Model for Orthopedic Research (I. Dias) Development of First Phalanx Osseous Cyst-Like Lesion after Fracture Repair: Two Cases (F. Beccati) Use of Hydroxyapatite Pin Coating for the Prevention of Transfixation Pin Loosening in Horses (T.Lescun) Evaluation of the Antibacterial Effect of Platelet Concentrates and other Equine Blood Components against Methicillin Resistant Staphylococcus Aureus (M. E. Álvarez)	<b>Chair: J. Houlton</b> Clinical and biomechanical evaluations after radial shockwave therapy in 8 dogs presenting a severe hip osteoarthritis (S.G. Sawaya) Effect of extracorporeal shock wave therapy on elbow osteoarthritis in dogs (D. Mills) Kinematic analysis of stair and decline slope walking of the pelvic limb in healthy dogs (D. Mills) Novel modular limb salvage endoprosthesis for treatment of primary appendicular tumors in dogs: short term outcome (N. Fitzpatrick) Constrained Total Knee Replacement, a novel prosthesis for salvage arthroplasty in the dog and cat (N. Fitzpatrick) Treatment of radius-ulna and tibia fractures using by circular external skeletal fixation system in 9 cats (S. Ulsan) Treatment of distal radius and ulna fracture in toy breed dogs by means of circular external skeletal fixation: a retrospective study (L. A. Piras)
11.00-11.30	<b>COFFEE AND EXHIBITION</b>							
11:30-13:00	<b>Chair: C. M. Mortellaro</b> How to succeed in repairing medial patellar luxations in small dogs and cats (B. Beale) Medial patellar luxation and CCL rupture in the large and small patient. (A. Pozzi) Pearls and pitfalls of extracapsular stabilization techniques (A. Pozzi)	<b>Advanced Imaging cont.</b> MRI of the equine stifle (C. Judy) MRI case presentations and round table (B. Eyes, S. Powell, M. Schramme, T. Schulze and C. Judy)	<b>Chair: J. Cook</b> Is the biceps tendon involved in FCP? (D. Hulse) Sliding humeral osteotomy: current status and complications (N. Fitzpatrick) Fragment removal: what's the evidence? (B. van Ryssen) IEWG update (M. Flückiger)	<b>Chair: M. Conzemius</b> Failed tendon repair (J. Dee) Failed humeral condylar fracture fixation (T. Turner) Failed lateral suture stabilisation (B. Beale)	<b>Bovine Orthopaedics cont.</b> Septic arthritis (T. Schmid) Hygromas, bursae and tendon sheaths (K. Nuss) Tenovaginoscopy (A. Steiner)	<b>In-depth Seminar on Biomedtrix: Current Concepts in Total Joint Replacement</b> Total Hip Replacement (M. Kowaleski) Hip Replacement in Small Patients (B. Liska) Total Knee Replacement (B. Liska) Total Elbow Replacement (R. Acker)	<b>LA Free Comm on Tendons</b> <b>Chair: O. Lepage</b> Single Injection of Autologous Platelet Rich Plasma (PRP) in Suspensory Ligament Lesions in Horses: A Clinical Trial (A. Spadari) Histopathological Evaluation of Treatment of Superficial Digital Flexor Tendinitis with Autologous Mesenchymal Stem Cells in Horses (M. M. Dehghan) Use of Bone Marrow Mesenchymal Stem Cells in Case of Excision of Superficial Flexor Tendon in the Horse: a Case Report (N. Romagnoli) Radial Shock Wave Therapy for Tendon Healing and Tendon Adhesion Prevention: Characterisation of Surgically Induced Goat Model of Tendinitis (A. Kavaguchi De Grandis) A Conservative Treatment Technique for Gastrocnemius Muscles Rupture in Young Calves (7 Cases) (A. Bertuglia)	<b>SA Free Comm</b> <b>Chair: J. Houlton</b> Deformity reduction device (DRD jig): a new device for deformity corrections (E. Panichi) Surgical correction of antebrachial deformity in a dog by means of a deformity reduction device (F. Cappellari) Pantarsal arthrodesis in 11 cats using a novel dorsal plate: technique and complications (B. Stapley) The effect of titanium mesh in the management of segmental long bone defect: an experimental study in a canine model (S. Zol) Treatment of significant bone defects with distraction and compression using autogenous cortico-cancellous bone graft in a dynamized external fixator construct in 4 dogs and 1 cat (T. Sparrow) Minimally invasive plate osteosynthesis using two perpendicular oriented plates for the treatment of tibial fractures in 23 cats (K. Ash)
13.00-14.00	<b>LUNCH AND EXHIBITION</b>							

 **SMALL ANIMAL SESSION**

 **EQUINE SESSION**

 **BOVINE SESSION**

 **FREE COMMUNICATION**



**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**


**Congress: Friday, September 17<sup>th</sup> 2010 - Afternoon**

Room /time	Europa SCIVAC/SIOVET Satellite Symposium  New trends in canine and feline orthopaedics	Bianca 140 seats LA Main Program Biologic Therapeutics in Equine orthopaedics – A critical review of the evidence	Italia 285 seats SA Main Program	Magenta 500 seats SA Main Program	Indaco 140 seats Bovine Orthopaedics	Rossa 50 seats In-depth Seminars	Gialla 50 seats	Verde 50 seats SA Free Comm
14:00-15:45	<b>Chair: F. M. Martini</b>  Hindlimb lameness in the cat – what if it's not a fracture or an abscess? (S. Langley-Hobbs)  Forelimb lameness in the cat – what if it's not a fracture or an abscess? (S. Langley-Hobbs)  Cat fracture quiz (S. Langley-Hobbs)  Discussion	<b>Chair: A. Stewart</b>  Critical review of the clinical use of IRAP (W. McIlwraith)  Critical review of the clinical use of PRP and BMAC (A. Nixon)  Critical review of the clinical use of Tiludronate (O. Lepage)  Critical review of Regenerative Cell Therapy: fat-derived, tendon derived, synovium-derived cells (A. Stewart)  Results of treatment with bone marrow derived mesenchymal stem cell therapy (R. Smith)  Indications for and results of intra-articular use of stem cells (W. McIlwraith)	<b>Tools to measure clinical success</b>  <b>Chair: K. Johnson</b>  Limitations of force plate analysis (M. Conzemius)  Validating clinical outcome measures (D. Lascelles)  Pressure mats (E. Vigieure)  Instrumented treadmill analysis (S. Stegmeier)	<b>Hot Topics</b> <b>Chair: R. Vannini</b>  TPLO in the cat (U. Matis) Concomitant MPL and CCL (M. Kowaleski) Partial CCL rupture: to debride or not (K. Bruecker) CCWO: when to do? (B. Beale) Cora-based tibial osteotomy (D. Hulse) Ulnar osteotomies: when, where, why, how? (L. Pluhar) Small breed FCP (J-F. Bardet) Old dog FCP (B. Van Ryssen) Acute FCP with normal elbow (B. Beale)	<b>Bovine Orthopaedics, cont.</b>  Long bone fractures in cattle (T. Schmid)  Surgery of the bovine digits (J. Kofler)	<b>In-depth Seminar on Physiotherapy</b>  <b>Chair: D. Marcellin</b>  Companion animal rehabilitation - Were are we? An evidence-based review  Rehabilitation Engineering - What is it and how does it apply to companion animal rehabilitation?		<b>Chair: J. Houlton</b>  Risk for a dog to have simultaneous phenotypic expression of both hip and elbow dysplasia. A study based on 1411 radiographic examinations of both joints sent for official screening (T. Cachon)  Assessment of the osteoinductive properties of freeze-dried canine demineralized bone matrix (DBM) (J. Innes)  Determination of the platelets and TGF-beta1 concentration in the plasma rich in growth factors of the canine species (I. Serra)  Effect of Glupamid (N-palmitoyl-D-glucosamine) on knee osteoarthritis pain (B. Costa)  Evaluation of the effect of bovine demineralized bone matrix and coralline hydroxyapatite on radial fracture healing in rabbits (A. Aliabadi)  Implantation of autologous bone marrow mononuclear cells as a minimal invasive therapy of Legg-Calvé-Perthes' disease in the dog (A. Crovace)  Genejammer enhances adenoviral BMP-2 gene delivery to canine bone marrow-derived mesenchymal stem cells (T. Smith)
15:45-16:15	<b>COFFEE AND EXHIBITION</b>							
16:15-17:00	<b>State of the Art Lecture</b> The fate of the post-traumatic knee – What do we know today? ( <b>Professor Stefan Lohmander</b> ) <b>Chair: A. Vezzoni</b>							
17:00-18:30	<b>POSTER SESSION (Chair O. Lepage) and WINE AND CHEESE</b>							

**SMALL ANIMAL SESSION**
 **EQUINE SESSION**
 **BOVINE SESSION**
 **FREE COMMUNICATION**

**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**

**Congress: Saturday, September 18<sup>th</sup>, 2010 - Morning**

Room /time	Europa SCIVAC/SIOVET Satellite Symposium  New trends in canine and feline orthopaedics	Bianca 140 seats LA Main Program Lameness Diagnosis and treatment – Recent progress	Italia 285 seats  SA Main Program	Magenta 500 seats  SA Main Program	Indaco 140 seats  In-depth Seminars	Rossa 50 seats  In-depth Seminars	Gialla 50 seats  LA Free Comm on Joints	Verde 50 seats  SA Free Comm
09:00-11:00	<b>Chair: M. Petazzoni</b> The orthopedic examination - tips and tricks for a successful diagnosis (R. Vannini) Conservative treatment and external coaptation (S. Langley-Hobbs) Arthrodesis principles ( S. Langley-Hobbs) Arthrodesis complications (R. Vannini)	<b>Chair: R. Smith</b> How subjective is the detection of lameness and nerve block results in horses? (R. Smith) Analysis of gait patterns in sound and lame horses (K. Keegan) Lameness diagnosis with the aid of ground reaction forces (M. Weishaupt) The Lameness Locator (K. Keegan)	<b>Distal Limb trauma</b> <b>Chair: B. Peirone</b> Imaging the foot (A. Brueshschwein) Limb salvage procedures for trauma (N. Ehrhart) Digit amputation – outcomes in working dogs (R. Eaton-Wells) Digits injuries (A. Piras)	<b>Elbow 2</b> <b>Chair: B. van Ryssen</b> TATE™ : Total Elbow Replacement: Results and Complications (L. Dejardin) Iowa State TER: results and complications (split) (M. Conzemius) IOHC: outcomes and complications (R. Whitelock) RU incongruity in dogs with medial compartment disease (D. Griffon)	<b>In-depth Seminar on Case based Ultrasound-Arthroscopy Correlation</b>  <b>Chair: J. Cook</b> Ultrasound joint evaluation (C. Cook) Arthroscopy joint evaluation (J. Cook)	<b>In-depth-Seminar on Surgical Revisions in THR</b>  <b>Chair: A. Vezzoni</b> Revision of CFX THR (B. Liska) Revision of BFX THR (M. Kowaleski) Revisions of Kyon THR (A.Vezzoni) Round Table Discussion	<b>Chair: A. Spadari</b> Cytotoxicity of Contrast Media Iohexol for Arthrography on Bovine Chondrocytes (G. Hong) The Regulation of Superficial Zone Protein/Lubricin Expression in Equine Articular Chondrocytes (M. Stewart) Ovine Anterior Cruciate Ligament (ACL) Reconstruction With a New Bioactive Device: In-Vivo Study (V. Viateau) TLR Expression and Activities in Articular Chondrocytes (M. Stewart) The Use of Xylazine Hydrochloride (Rompun®) in the Analgesic Protocol for Claw Treatment in Lateral Recumbency on a Surgical Tipping Table in Lame Dairy Cows (A. Rizk) Biochemical characteristics of the equine autologous conditioned plasma (ACP™) (J-C. Ionita)	<b>Chair: J. Houlton</b> Orthogonal evaluation of changes in tibial plateau angles after TPLO in the cranial cruciate deficient stifle in dogs. A ten-year review (N. Vecchio) Palpation and dorsal acetabular rim radiographic view for early detection of canine hip dysplasia: a prospective study (M. Gattineau) The use of canine scrotum as a mesh graft to cover skin defects (V. Grigoropoulou) Tibial tuberosity fracture as a complication of tibial tuberosity advancement. Risk factors and management (I. Calvo) Prospective evaluation of the leipzig stifle distractor in 64 cases - A multicentric study (P. Winkels) Ostrich tendon (New xenogenic) transplantation in rabbits model (G. A. Kojouri) Study of the effect of hydroxyapatite on fracture healing of diabetic rats (H. Z. Moslem)
11.00-11.30	COFFEE AND EXHIBITION							
11:30-12:30	<b>Chair: M. Petazzoni</b> Fracture planning in cats (R. Vannini) Management of cruciate Ligament Rupture in small breed dogs and cats (R. Vannini) Radius Ulnar Fractures in Toy breed dogs (R. Vannini)	Mechanics of orthopaedic shoeing in horses – what is the evidence? (E. Eliashar) The ‘ice shoe’ for prevention and treatment of laminitis (L. D’Arpe)	<b>Patellar Luxation</b> <b>Chair: A. Vezzoni</b> CT and decision-making (D. Griffon) Femoral and tibial osteotomies: outcomes and complications (M. Kowaleski) Complications of patellar luxation surgery (S. Langley Hobbs)	<b>Legislation</b> <b>Chair: M. Ness</b> EU legislation: what clinicians need to know and how to stay out of trouble (S. Houlton) Clinical studies and practice: ethical and legal perspectives (J. Cook) Discussion (Chair: M. Ness)	<b>In depth-seminar Arthrex news</b> <b>Chair: B. Beale</b>  ACP-Autologus Conditioned Plasma (J. Cook) UCE-Unicompartmental Elbow replacement (J. Cook) Meniscal repair (A. Pozzi) Stifle distractor (A. Pozzi) Suture anchor/Fiberwire CrCL (D. Hulse) Swivel lock – ACL/MPL (B. Beale)	<b>In-depth Seminar on Pathogenesis of cruciate disease</b> <b>Chair: M. Conzemius</b> Genetics and anatomy (M. Conzemius) Hormones, Immunology and Trauma (E. Comerford) Inflammation and Bacteria (K. Hayashi)	<b>Chair: J. Houlton</b> Long term follow-up of lumbosacral distraction-fusion using combined dorsal and ventral fixation including a novel intervertebral spacer device (23 dogs) (N. Fitzpatrick) Geometric change of the humeroradial and humeroulnar articulation following dynamic proximal ulna osteotomy in dogs affected by radioulnar incongruence (H. Wiener) Computerized measurements of radiographic anatomical parameters of the elbow joint of Bernese mountain dogs (S. Stein) Effect of articular design on rotational constraint of two unlinked canine total elbow prosthesis (L. Dejardins) Postoperative analgesic efficacy of meloxicam compared to tolfenamic acid in cats undergoing orthopaedic surgery (P. Munson)	
12:30-13:00	ESVOT General Meeting							
13.00-14.00	LUNCH AND EXHIBITION							

**SMALL ANIMAL SESSION**
 **EQUINE SESSION**
 **BOVINE SESSION**
 **FREE COMMUNICATION**

**PROVISIONAL SCIENTIFIC PROGRAM UPDATED July 1st, 2010**

**Congress: Saturday, September 18<sup>th</sup> 2010 - Afternoon**

Room /time	Europa SCIVAC/SIOVET Satellite Symposium New trends in canine and feline orthopaedics	Bianca 140 seats LA Main Program Joint Rehabilitation	Italia 285 seats SA Main Program Locking Plates	Magenta 500 seats SA Main Program Stifle 2	Indaco 140 seats In-depth Seminars	Rossa 50 seats In-depth Seminars	Gialla 50 seats	Verde 50 seats SA Free Comm
14:00-16:30	<b>Chair: A. Vezzoni</b> Arthroscopic-assisted arthrotomy....ride the wave of the future (B. Beale) MPL in large dogs...what is different? (B. Beale) Minimally invasive fracture fixation (A. Pozzi) Orthopedic Infections.....what is new? (B. Beale) Why did this fracture case go wrong? (B. Beale)	<b>Chair: O. Lepage</b> An update on Osteoarthritis (S. Laverty) Is there a role for arthroscopy in the management of OA? (W. McIlwraith) Cartilage resurfacing in the horse – Reality or fiction? (A. Nixon) Micropicking or Mosaic arthroplasty in human orthopaedics? – results and limitations (T. Briggs) A critical review of clinical neurtaceutical usage in horses (S. Laverty)	<b>Chair: B. Peirone</b> ALPS (R. Boudrieau) Synthes Locking plate (R. Vannini) SOP (M. Ness) Fixin (M. Petazzoni) Locking plates - why do we need them? (K. Johnson)	<b>Chair: B. van Ryssen</b> Clinical assessment of the stifle joint (M. Ness) US of the canine stifle (C. Cook) CT of the canine stifle (M. Tivers) MR imaging of the canine stifle (C. Cook) In vivo kinematics of the canine stifle (P. Boettcher)	<b>In-depth Seminar on Limb Alignment in patellar luxation</b> <b>Chair M. Kowaleski</b> Introduction (M. Kowaleski) Femoral and tibial deformities associated with patellar luxation (frontal plane, sagittal plane, torsion) (M. Petazzoni) Radiographic planning of femoral and tibial corrections: CORA method (M. Petazzoni) CT planning of femoral and tibial corrections (M. Kowaleski) Femoral corrective osteotomy: Technique (K. Bruecker) Tibial corrective osteotomy for combined MPL and CrCL rupture (M. Kowaleski)	<b>In-depth Seminar on Distal limb Trauma</b> <b>Chair A. Piras</b> Extreme fracture repair: the Wise (J Dee) Extreme fracture repair: the Weird (N. Fitzpatrick) Extreme fracture repair: the Wild (A. Piras) Use of the Fixin locking system for carpal and tarsal arthrodesis (M. Petazzoni) Stress fractures in the high performance athletes: when the advanced diagnostic imaging can tell us the story (M.S.Bergh)		<b>Chair: J. Houlton</b> The complication rate of the Helica-hip-endoprosthesis is 8.1% in 37 cases (G. Viefhues) Influence of locking bolt location (metaphyseal vs. diaphyseal) on the mechanical properties of an interlocking nail in the canine femur (M. Allen) Evaluation of bone healing with using a xenogenic bone plate and screws in a canine fracture model (N. S. Kim) In-vivo biomechanical evaluation of a novel angle-stable interlocking nail design in a canine tibial gap fracture model (L. Dejardins) A biomechanical evaluation of the effect of three drop wire configuration on the stiffness of single ring external fixator construct (D. Lewis) Comparative evaluation of two composite materials for use in circular and hybrid external fixation (G. L. Rovesti) Effect of screw insertional torque on push-out strength in 5 different angular stable systems (A. Boero Baroncelli) Assessment of maxillofacial fractures in the dog using cone beam computed tomography: an experimental ex-vivo study (B. van Thienen)
16.30-17.00	<b>COFFEE BREAK AND EXHIBITION</b>							
17:00-18:00	<b>State of the Art Lecture</b> Cartilage resurfacing with ACI and MACI: have they stood the test of time? ( <b>Professor Tim Briggs</b> ) <b>Chair: J. Innes</b>							
19:00	<b>BUSES TO BANQUET</b>							

**SMALL ANIMAL SESSION**
 **EQUINE SESSION**
 **BOVINE SESSION**
 **FREE COMMUNICATION**