



Alessandro Boero Baroncelli

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DATE AND PLACE OF BIRTH: 20/11/1980, TURIN, ITALY

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Instruction

April 2012 PhD in Clinical Veterinary Science

January 2005 Doctor Veterinary Medicine

October 2004 Degree in Veterinary Medicine at the University of Turin (score 102/110). Thesis: **“Trattamento artroscopico dell’ osteocondrite dissecante della testa omerale nel cane”**. (Arthroscopic treatment of the osteochondritis dissecans of the shoulder joint in dogs).

Work and Professional Experience

MAY 2012 - PRESENT, SMALL ANIMAL SURGEON, UNIVERSITY OF TURIN, GRUGLIASCO (TO) I work one day a week with Prof. Bruno Peirone at the Veterinary Teaching Hospital in Turin.

JANUARY 2008 - APRIL 2012, PhD COURSE IN VETERINARY CLINICAL SCIENCE, DEPARTMENT OF ANIMAL PATHOLOGY, UNIVERSITY OF TURIN, GRUGLIASCO (TO).

My PhD program was focused on locking plates in small animal orthopaedics. I worked two days a week with Prof. Bruno Peirone at the Veterinary Teaching Hospital to study the clinical application of locking plates used for surgical procedures such as: fracture fixation, TPLO, and arthrodesis. During the same period I am working as well with Prof. Cristina Bignardi at the Department of Mechanics of the “Politecnico di Torino”, in collaboration with Ullrich Reif to study mechanical properties of different locking systems.

January 2007 - PRESENT, FREELANCE ACTIVITY AS ORTHOPAEDIC CONSULTANT IN PIEMONTE AND LIGURIA, ITALY

I act as an orthopedic surgeon in 6 different small animal clinics. Every year I examine around 200 cases of which 100 undergo surgical procedures such as fracture repair, cruciate ligament repair, TPLO, arthrodesis, closed and open reduction of luxations.

January 2005 - PRESENT, PRIVATE PRACTICE ACTIVITY AS ORTHOPAEDIC SURGEON, GENERAL PRACTITIONER, AND MEDICAL AND SURGICAL EMERGENCY CARE, CLINICA ALBESE PER ANIMALI DA COMPAGNIA, ALBA (CN)

I work two days a week. I am the orthopedic surgeon of the clinic. I provide assistance to the hospitalized animals (intensive care and medical management, postoperative patients, etc), I perform clinical visit of patients.

Externships

March 24th 2011 - April 22th 2011 Externship in orthopaedics, Small Animal Hospital, College of Veterinary Medicine, Florida State University, Gainesville, Florida under supervision of Dr. Antonio Pozzi.

May 1st 2010 - May 30th 2010 Externship in orthopaedics, Tierklinik Dr. Reif, Schwabisch Gmund (D) under supervision of Dr. Ullrich Reif.

April 1st 2009 - May 1st 2009; Training at the Biomechanical Research Group within the AO Research Institute, Davos (CH) under supervision of Markus Windolf. I gained experience in the following fields: Planning a biomechanical study; Conducting a biomechanical experiments by means of a servo-hidraulic material test machine; Handling and preparation of human cadaveric specimen for test purposes; Data acquisition and evaluation.

Publications

Boero Baroncelli A., Peirone B.: Trattamento di una frattura di Monteggia in un cane (Treatment of a Monteggia fracture in a dog). Veterinaria anno 23, n.1 Febbraio 2009.

Boero Baroncelli A, Baroni G, Olivieri M, Piga P, Peirone B: APPLICAZIONE CLINICA DELLA PLACCA LCP SYNTHES NEL TRATTAMENTO DELLE FRATTURE DELLO SCHELETRO APPENDICOLARE DEL CANE (Clinical application of the Synthes LCP for the treatment of appendicular skeletal fractures in dogs) . Veterinaria anno 25, n.4 2011.

Boero Baroncelli A, Peirone B, Winter MD, Reese D, Pozzi A: Retrospective Comparison between Minimally Invasive Plate Osteosynthesis an Open Plating for Tibial Fractures in Dogs. Vet Comp Ortop Traumatol 2012; 25(5): 410-417.

Peirone B, Rovesti GL, **Boero Baroncelli A**, Piras LA: Minimally Invasive Plate Osteosynthesis Fracture Reduction Techniques in Small Animals. Vet Clin Small Anim 2012, 42(5): 853-1108.

Boero Baroncelli A, U Reif, C Bignardi, B Peirone: Effect of screw insertion torque on push-out and cantilever bending properties of 5 different angular stable systems. Accepted for publication on Vet Surg.

Boero Baroncelli A, Abellonio F, Pagano TB, Esposito I, Peirone B, Papparella S, Paciello O: Muscular Dystrophy in a Dog Resembling Human Becker Muscular Dystrophy. J Comp. Path. 2014.

Membership in Professional Associations

AOVET, member from 2010.

SCIVAC, Società Culturale Italiana Veterinari Animali da Compagnia (Italian Cultural Society of Companion Animal Veterinary), member from 2005.

SIOVET, Società Italiana Ortopedia Veterinaria (Italian Society of Veterinary Orthopaedic), member from 2005.

Course attended

2011 (November 12th - 15th) **AOTrauma Course**. Osteosintesi miniinvasiva e artroscopio assistita dell'arto inferiore (MIO course on human cadavers). Corso su preparati anatomici e casi clinici. Lucerna, Svizzera.

2011 (September 19th - 21th) **Traumatologia Felina**. Chairman Prof. Bruno Peirone. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy

2010 (November 17th - 19th) **Traumatologia Dentale e Maxillofacciale**. Chairman Dr. D. Bonello Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy

2010 (March 25th - 27th) **International Workshop Computed Tomography**. Chairman Dr. F. Rossi. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2010 (January 25th - 28th) **International Wetlab All About the Cruciate**. Chairman Dr. A. Vezzoni . Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2009 (November 4th - 7th) **International Course. AO Masterclass Course on Advanced Corrective Osteotomies**. Chairman Dr. A. Vezzoni. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2009 (May 13th - 16th) **International Course. AO Masterclass Course on Distal Extremities Surgery and Traumatology**. Chairman Dr. A. Piras. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2008 (November 27th - 29th) **10° Veterinary ASAMI Course, Ilizarov technique**. Chairman Dr. A. Ferretti. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2008 (June 5th - 7th) **Fissazione Scheletrica Esterna (External Fixation)**. Chairman Dr. A. Ferretti . Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

2008 (March 26th - 29th) **Corso di Fisioterapia Riabilitativa del Cane**. Chairman Dr. Darryl Millis Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy

2007 (June 14th - 16th) **Chirurgia Articolare e Periarticolare**. Chairman Dr. F. M. Martini. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy

2007 (December 10th-14th) **Corso di medicina d'urgenza**. Chairman Dr... Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy

2005 (October th) **AO principles course in Small Animal**. Chairman Prof. B. Peirone. Palazzo Trecchi, Centro Studi SCIVAC, Cremona, Italy.

Seminars Attended

2013 (April 13th-14th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: **Ortopedia e Traumatologia del cane Toy**, Palazzo Trecchi, Cremona, Italy.

2011 (March 12th-13th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: **"Strategia per la revisione chirurgica nel fallimento dei trattamenti ortopedici"** (**Revision strategies for implant failure in small animal orthopaedics**) Palazzo Trecchi, Cremona, Italy

2010 (March 13th-14th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: **"I mezzi di sintesi in ortopedia veterinaria"** (**Review of available implants in veterinary orthopaedics**) Palazzo Trecchi, Cremona, Italy

2009 (November 21th-22th) 2nd annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **"Approccio multimodale all' Osteoartrosi"** (**Treatment of osteoarthritis**) Palazzo Trecchi, Cremona, Italia.

2009 (March 21th-22th) 1st annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **"Ortopedia felina"** (**Feline orthopaedics**) Palazzo Trecchi, Cremona, Italia

2008 (November 8th-9th) 2nd annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **"Ortopedia e traumatologia geriatrica"** (**Geriatric small animal orthopaedics and traumatology**) Palazzo Trecchi, Cremona, Italia.

2008 (1-2 March) 1st annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **"Ortopedia e traumatologia pediatrica"** (**Orthopaedic and traumatology in pediatric patient**). Palazzo Trecchi, Cremona, Italia.

2008 (February 15th) **Seminario di Fissazione Interna FIXIN (Fixin course)**. Chairman Dr. M. Petazzoni. Bologna, Italy.

2007 (November 10th-11th) 2nd annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **"Patologie muscolari e tendinee nel cane"** (**Muscular and tendon disease in dog**). Palazzo Trecchi, Cremona, Italy.

2006 (November 18th-19th) 2nd annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **“Le deviazioni assiali dell’arto anteriore e posteriore” (Forelimb and hindlimb deformity)**. Palazzo Trecchi, Cremona, Italy.

2006 (April 1st-2nd) 1st annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **“Patologie dell’anca del cane” (Hip disease in dogs)**. Palazzo Trecchi, Cremona, Italy.

2005 (November 26th-27th) 2nd annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria. Palazzo Trecchi, Cremona, Italy.

2005 (April 16th-17th) 1st annual meeting SIOVET, Società Italiana di Ortopedia Veterinaria: **“Patologie del ginocchio del cane” (Stifle disease in dogs)**. Palazzo Trecchi, Cremona, Italy.

International Congresses Attended

2014 (October 2nd-4th) **16rd ESVOT Congress**, Venezia, Italy

2014 (July 3th-5th) **24th Annual Scientific Meeting ECVS**, Copenhagen, Denmark

2014 (June 28th - 30th) **74th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2013 (July 3th-5th) **24th Annual Scientific Meeting ECVS**, Rome, Italy

2012 (September 13th-15th) **16rd ESVOT Congress**, Bologna, Italy

2012 (May 7th - 10th) **72th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2012 (March 3th-10th) 39th Veterinary Orthopaedic Society Annual Meeting VOS, Crested Butte, Colorado

2011 (July 7th-9th) **20th Annual Scientific Meeting ECVS**, Gent, Belgium

2011 (May 27th - 29th) **69th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2010 (September 15th-18th) **3rd WVOT Congress**, Bologna, Italy

2010 (July 1st-3rd) **19th Annual Scientific Meeting ECVS**, Scandic Marina Congress Centre, Helsinki, Finland.

2010 (May 28th - 30th) **65th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2009 (May 29th - 31th) **62th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2008 (September 12th-14th) **14th ESVOT Congress**, Ludwig-Maximilians Universitat, Munich, Germany.

2008 (May 30th - June 1st) **59th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

2007 (June 1st-3rd) **56th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy.

National Congresses Attended

2005 (May 27th-29th) **50th National Congress SCIVAC**, Palacongressi della Riviera, Rimini, Italy.

2004 (May 27th-30th) **48th National Congress SCIVAC**, Palacongressi della Riviera, Rimini, Italia.

Podium Presentations and Abstracts

2014 (June 28th - 30th) **74th SCIVAC Congress: Uso dei mini-Impianti bloccati in traumatologia**. Palacongressi della Riviera, Rimini, Italy

2013 (April 13th-14th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: **Ortopedia e Traumatologia del cane Toy: Rassegna degli impianti di fissazione interna adatti per i cani toy**. Palazzo Trecchi, Cremona, Italy.

2012 (May 7th - 10th) **A Boero Baroncelli**, B Peirone, L Piras, MD Winter, D Reese, A Pozzi: Retrospective Comparison Between Minimally Invasive Plate Osteosynthesis and Open Plating for Tibial Fractures in Dogs. **72th SCIVAC Congress**, Palacongressi della Riviera, Rimini, Italy

2012 (March 6th) **A Boero Baroncelli**, U Reif, C Bignardi, B Peirone: Effect of screw insertional torque on push-out and cantilever bending properties of 5 different angular stable systems. Free Communication, VOS annual meeting, Crested Butte, Colorado.

2012 (15-17 Marzo) Relatore al Minimally Invasive Plate Osteosynthesis international course. SCIVAC, Palazzo Trecchi, Cremona.

2011 (September 21th) Feline traumatology course. Le fratture di Salter Harris. SCIVAC, Palazzo Trecchi, Cremona.

2011 (September 20th) Feline traumatology course. Mezzi di sintesi nel gatto. Cosa c'è di nuovo? SCIVAC, Palazzo Trecchi, Cremona.

2011 (September 19th) Feline traumatology course. Anatomia e Radiologia dello scheletro appendicolare del gatto. SCIVAC, Palazzo Trecchi, Cremona.

2011 (July 8th) **A Boero Baroncelli**, U Reif, C Bignardi, B Peirone: Effect of screw insertional torque on mechanical properties of 5 different angular stable systems. Free Communication, ECVS annual meeting, Gent, Belgium.

2011 (April 15th) Surgery round: Skeletal traction in dogs. College of veterinary medicine, University of Florida, Gainesville (US).

2011 (March 19th) Traumatology Modular Course. Course 1: Surgical Approach and IM pin Techniques: Tie-in technique. Faculty of Veterinary Medicine Bucarest (RO).

2011 (March 19th) Traumatology Modular Course. Course 1: Surgical Approach and IM pin Techniques: Bone grafting and graft harvesting technique. Faculty of Veterinary Medicine Bucarest (RO).

2011 (March 19th) Traumatology Modular Course. Course 1: Surgical Approach and IM pin Techniques: Fractures biomechanics and classification. Faculty of Veterinary Medicine Bucarest (RO).

2011 (March 18th) Traumatology Modular Course. Course 1: Surgical Approach and IM pin Techniques: Intramedullary pinning technique. Faculty of Veterinary Medicine Bucarest (RO).

2011 (March 18th) Traumatology Modular Course. Course 1: Surgical Approach and IM pin Techniques: Patient preparation and aseptic technique. Faculty of Veterinary Medicine Bucarest (RO).

2011 (March 13th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: Correzione di deformità post-traumatica bilaterale di tibia in un Pointer (Post-traumatic bilateral deformity correction in Pointer tibiae) Palazzo Trecchi, Cremona, Italy.

2011 (February 25th) Serata di approfondimento in ortopedia:” Un approccio moderno all’ortopedia e alla traumatologia (A modern approach to veterinary orthopaedics and traumatology) . Centro Veterinario Imperiese, Imperia, Italy.

2010 (November 17th - 19th) Corso di Traumatologia Dentale e Maxillo-facciale: Fratture della mandibola, metodiche di sintesi classiche e biomeccanica. SCIVAC, Palazzo Trecchi, Cremona.

2010 (September 15th - 18th) **A Boero Baroncelli**, U Reif, C Bignardi, V Tonti, B Peirone: Effect of screw insertional torque on push-out strength in 5 different angular stable systems. Best Free Communication, WVOC Bologna, Italy.

2010 (July 8th - 10th) A.L. Audenino, E.M. Zanetti, A. Marmotti, **A. Boero Baroncelli**, P. Costa, P. Serafini, C. Bignardi. A Novel Technique for Testing Osteointegration in Load Bearing Conditions. Secondo Congresso Nazionale di Bioingegneria, Torino, Italy

2010 (May 28th-30th) **A Boero Baroncelli**, A Esposito, F Cappellari, L Piras, B Peirone: Trattamento delle fratture di tibia mediante osteosintesi miniinvasiva (MIPO) con placche a stabilità angolare in 11 casi. 65th SCIVAC Congress, Palacongressi della Riviera, Rimini, Italy

2010 (March 13th-14th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: "Applicazione clinica delle placche Synthes a viti bloccate" (Clinical application of Synthes LCP). Palazzo Trecchi, Cremona, Italy

2009 (November 21th - 22th) Secondo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: "Trattamento di una pseudoartrosi di femore in un cane con fissatore interno FIXIN" (Treatment of a femur non-union in a dog by means of FIXIN Internal Fixator). Palazzo Trecchi, Cremona, Italy.

2009 (October 8th) Serata di approfondimento in ortopedia:" Primo approccio alla frattura e alle "Degloving injuries" Centro Veterinario Imperiese, Imperia, Italy.

2009 (June 19th) F. Cappellari, B. Peirone, P. Piga, G. Baroni, **A. Boero Baroncelli**, L. Piras: "Utilizzo della placca bloccata Synthes in traumatologia veterinaria" (Clinical application of Synthes LCP plate in veterinary traumatology). Atti del XVI Congresso Nazionale SICV, Facoltà di Medicina Veterinaria, Parma, Italy.

2009 (May 29th - 31th) **A Boero Baroncelli**, Gildo Baroni, Antonio Ferretti, Massimo Olivieri, Piermario Piga, Guido Pisani, Bruno Peirone: Utilizzo della placca LCP Synthes in Traumatologia Veterinaria 62th International SCIVAC Congress, Palacongressi della Riviera, Rimini, Italy.

2009 (March 22th) Primo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: "Trattamento di una frattura di femore in un gatto con fissatore interno FIXIN" (Case report: Treatment of a femoral fracture in a cat by means of FIXIN Internal Fixator). Palazzo Trecchi, Cremona, Italy.

2006 (April 1st-2nd) Secondo Incontro annuale SIOVET, Società Italiana di Ortopedia Veterinaria: "Trattamento medico e fisioterapico di una miopatia del complesso muscolo gracile - semitendinoso in un cane". Palazzo Trecchi, Cremona, Italy.

Posters

2014 (July 3th-5th) **24th Annual Scientific Meeting ECVS: CLINICAL APPLICATION OF THE SYNTHES LCP PLATE IN TRAUMATIC INJURIES CATS.** Copenhagen, Denmark