

Curriculum Vitae

Personal details

Name: Davide Surname: Mancusi

Date of birth: 05/09/1988

Gender: M Nationality: Italian

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Career summary

Since April 2014: works at the veterinary teaching hospital (OVU) of the Faculty of Veterinary Medicine in Grugliasco in the field of orthopedic and emergency surgery for companion animals.

Involved in many research projects in the field of small animal orthopedic surgery under the supervision of Professor Bruno Peirone and Professor Lisa Adele Piras.

In charge of the canine gait analysis laboratory at the Veterinary Teaching Hospital (OVU) of the Department of Veterinary Science at the University of Turin.

Education

Since November 2022: student of the 38th cycle of the PhD program in Veterinary Sciences for Animal Health and Food Safety at the Faculty of Veterinary Sciences of the University of Turin. Project title: "Computer-assisted gait analysis evaluation of functional recovery of canine patients after Zurich Cementless Total Hip Replacement with special focus on cup positioning".

October 2020: Specialized at the "Specialization School in Pathology and Clinic of Companion Animals - Surgical Pathway" at the Faculty of Veterinary Sciences of the University of Turin. Thesis title: "Functional recovery evaluation of dogs undergoing Zurich cementless total hip replacement by means of computer assisted gait analysis".

April 2014: Master's degree in Veterinary Medicine from the University of Turin with a score of 105/110 and a publication-worthy distinction. Thesis title: "Correlation of femoral torsion and patellar luxation in dogs".

Fields of interest

Particular interest in total hip replacement surgery, regenerative medicine, osteoarthritis and canine kinetic gait analysis.

Public and private scholarship awarded

- July 2016: "Post-operative analgesia in TPLO surgery: a comparison between cimalgex and tramadol"
- September 2016: "Intra-articular PRP injection for the treatment of canine elbow osteoarthritis: a clinical trial"

- February 2017: “The effectiveness of a marine-based fatty acids compound (PCSO-524) in the treatment of canine osteoarthritis: a multicenter study”
- January 2018: “Brospect for the prevention and treatment of passive edema in the postoperative period of dogs undergoing TPLO surgery”
- June 2021: “Evaluation of functional recovery in dogs undergoing uncemented total hip replacement using the Zurich model through the use of a force platform”
- November 2022: “Computer-assisted gait analysis evaluation of functional recovery of canine patients after Zurich Cementless Total Hip Replacement with a special focus on cup positioning.”

Grant awarded

March 2024: AO VET Seed Grant (Project No. AOVETS-II-22-01M) “Comparison of the accuracy of cup positioning in total hip replacement in dogs between two cup impactors: a cadaveric study.”

Professional affiliations

Since 2022: AO VET membership.

Oral presentations

- March 8, 2017: Research Days. Faculty of Veterinary Sciences, Grugliasco (TO), Italy.
- April 8-9, 2017: Free communication SIOVET, Cremona, Italy.
- June 2017: Invited speaker. Presented a one-day CPD course on Platelet Regenerative Therapy. Sheffield, UK.
- April 8, 2018: Free communication SIOVET, Cremona, Italy.
- July 19-20, 2018: Research Days. Faculty of Veterinary Sciences, Grugliasco (TO), Italy.
- March 2, 2019: Free communication SIOVET, Cremona, Italy.
- March 28-29, 2019: Research Days. Faculty of Veterinary Sciences, Grugliasco (TO), Italy.
- May 24-26, 2019: Free communication at the International Multispecialty Congress SCIVAC, Rimini, Italy.
- September 25-28, 2024: Free communication at the 23rd ESVOT Congress, Lisbon, Portugal.

Posters

- Mancusi D, Piras LA, Olimpo M, Botto R, Peirone B, “ *Validation of a new system of PRP preparation for non-transfusional use in dog*”, 18th ESVOT Congress 2016, London, 8th-10th September
- Mancusi D, Piras LA, Olimpo M, Botto R, Peirone B, “*PRP intra-articular injection for treatment of canine osteoarthritis: preliminary findings*”, 18th ESVOT Congress 2016, London, 8th-10th September
- Mancusi D, Piras LA, Olimpo M, Malaspina C, Maugeri S, Peirone B, “*Canine unicompartimental elbow for treatment of medial compartment disease of the dog*”, 5th World Veterinary Orthopaedic congress Esvot-Vos, 19th ESVOT Congress 2018, Barcelona, 12th-15th September

- Mancusi D, Piras LA. “Complex surgical treatment of a radio-ulnar nonunion in a dog”, ESVOT Congress 2023, Venezia, 5-7th October

Publications

1. Pes A, Piras LA, Malaspina C, Mancusi D. Patellar fracture and dental anomaly syndrome (PADS): personal experience in 3 clinical cases. *Veterinaria*. 2024; 38(1): 31–37.
2. Piras LA, Olimpo M, Lafuente P, Tomba A, Del Magno S, Lardone E, Peirone B, Mancusi D. Surgical Treatment of Nonmineralized Supraspinatus Tendinopathy in Dogs: A Retrospective Long-Term Follow-Up. *Animals (Basel)*. 2023 Feb 8;13(4):592. doi: 10.3390/ani13040592. PMID: 36830379; PMCID: PMC9951642.
3. Mancusi D, Malaspina C. Diagnostic corner: Orthopedics. *Veterinaria*. 2023; 36(1):27-29.
4. Sarotti D, Lardone E, Piras L, Mancusi D, Franci P. A comparison of 0.375% ropivacaine psoas compartment block and 2% prilocaine spinal anaesthesia in dogs undergoing tibial plateau levelling osteotomy. *BMC Vet Res*. 2022 May 12;18(1):172. doi: 10.1186/s12917-022-03277-6. PMID: 35549713; PMCID: PMC9097125.
5. Piras LA, Mancusi D, Olimpo M, Gastaldi L, Rosso V, Panero E, Staffieri F, Peirone B. Post-operative analgesia following TPLO surgery: A comparison between cimicoxib and tramadol. *Res Vet Sci*. 2021 May; 136:351-359. doi: 10.1016/j.rvsc.2021.03.010. Epub 2021 Mar 13. PMID: 33773391.
6. Olimpo M, Mancusi D, Peirone B, Piras LA. Patient selectin and treatment options for patellar luxation. *Veterinaria*. 2020; 34(3): 121-131.
7. Mancusi D, Olimpo M, Peirone B, Piras LA. Etiopathogenesis, clinical and diagnostic framework of patellar luxation. *Veterinaria*. 2020; 34(3):109-120.

Turin, September 2024

Signature

Daide Mancusi