

INFORMAZIONI PERSONALI

Domenech Oriol

ESPERIENZA PROFESSIONALE

2016–alla data attuale

Istituto Veterinario di Novara, Granozzo con Monticello (NO) (Italia)  
 Medico veterinario specialista in cardiologia veterinaria, responsabile del servizio di cardiologia.  
 Direttore “Residency Program” ECVIM-CA (Cardiologia)

ISTRUZIONE E FORMAZIONE

1992–1996

Universidad Autonoma de Barcelona, Facoltà di Medicina Veterinaria, Barcellona (Spagna)  
 Laurea in Medicina Veterinaria

2002–2006

Specializzando in Cardiologia degli Animali da Compagnia, Medico veterinario, insegnamento attività clinica a studenti  
 Diploma del College Europeo di Medicina Interna ECVIM-CA (Cardiologia)

2006–2008

Università di Murcia, Murcia (Spagna)  
 Studente post-doc, ricerca clinica.  
 “Master Science (MS)”

COMPETENZE PERSONALI

Lingua madre catalano - spagnolo

Lingue straniere

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
italiano	C1	C1	C2	C2	C2
inglese	C1	C2	C2	C2	C2

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato  
 Quadro Comune Europeo di Riferimento delle Lingue

Competenze organizzative e gestionali

Responsabile del servizio di Cardiologia , Direttore “Residency Program” ECVIM-CA (Cardiologia)

Competenze professionali

ATTIVITA' DI DOCENZA  
 UNIVERSITA': Lezioni di cardiologia presso la Facoltà di Medicina Veterinaria dell' Università di Pisa.  
 CONGRESSI: Numerose presentazioni a congressi nazionali ed internazionali di medicina veterinaria e cardiologia, in Europa e negli Stati Uniti.  
 CORSI: Relatore a numerosi corsi nazionali ed internazionali di clinica medica veterinaria e cardiologia.

ULTERIORI INFORMAZIONI

- Pubblicazioni**
- Bussadori C, Domenech O, Longo A, Pradelli D, Bussadori R (2002).  
"Percutaneous catheter-based treatment of pulmonic stenosis and patent ductus arteriosus in a dog" J Vet Cardiol 4(2): 29-34.
- Pradelli D, Quintavalla C, Domenech O, Bussadori C (2003)  
Tumour thrombus: direct endoluminal 'caudal caval vein-right atrium' extension in a dog affected by adrenal neoplasia.  
Vet Res Commun. 2003 Sep;27 Suppl 1:787-9
- Kovacevic A, Riesen SC, Lombard CW, Domenech O (2004)  
ECG of the month. Supraventricular tachycardia with second-degree AV block Mobitz type I. J Am Vet Med Assoc. 2004 Feb 1;224(3):365-7
- Domenech O, Santilli R, Pradelli D, Bussadori C (2005).  
"The implantation of a permanent transvenous endocardial pacemaker in 42 dogs: a retrospective study Med Sci Monit 11(6): 168-175.
- Quintavalla, C., Pradelli D. , Domenech O, Bussadori C. (2006).  
"Transesophageal echocardiography of the left ventricular outflow tract, aortic valve and ascending aorta in Boxer dogs with heart murmurs."  
Vet Radiol Ultrasound 47(3): 307-312.
- Hoglund, K., Bussadori C, Domenech O, Haggstrom J, Pradelli D, Kvarn C (2007). "Contrast echocardiography in Boxer dogs with and without aortic stenosis."  
J Vet Cardiol 9(1): 15-24.
- Bussadori, C., Carminati M, Domenech O. (2007).  
"Transcatheter closure of a perimembranous ventricular septal defect in a dog." J Vet Intern Med 21(6): 1396-1400.
- Domenech O, Bussadori C (2008).  
"New treatment options for the patent ductus arteriosus". Clin Vet Peq Anim 28 (2): 143-149
- Domenech O, Bussadori C, Sancho J , Fernandez-del Palacio MJ (2009).  
"Usefulness of the transesophageal echocardiography to study the patent ductus arteriosus morphology in dogs compared to angiocardiology".  
Clin. Vet. Peq. Anim 29 (2):110-114
- Sanchez X, Prandi D, Domenech O (2010).  
"Comparison of radiology and echocardiography in detecting left atrial enlargements in dog". Clin. Vet. Peq. Anim 30 (3):177-182
- Oliveira P, Domenech O, Silva J, Vannini S, Bussadori R, and Bussadori C (2011). "Retrospective Review of Congenital Heart Disease in 976 Dogs."  
J Vet Intern Med 25(3): 477-483.
- Locatelli C, Domenech O, Silva J, Oliveira P, Sala E, Brambilla P, Bussadori C (2011).  
"Independent predictors of immediate and long-term results after pulmonary balloon valvuloplasty in dog." Journal Veterinary Cardiology 13 (1) : 21-30.

Sanchez X, Prandi D, Badiella L, Vazquez A, Llabres-Diaz, Bussadori C, Domenech O A new method of computing the vertebral heart scale by means of direct standardisation. J Small Animal Practice, 2012 :53:641-645 .

Silva J, Domenech O, Mavropoulou A, Oliveira P, Locatelli C, Bussadori C.

Transesophageal echocardiography guided patent ductus arteriosus occlusion with a duct occluder. J Vet Inter Med. 2013; 27(6):1463-70

Locatelli C, Spalla I, Domenech O, Sala E, Brambilla PG, Bussadori C.

Pulmonic stenosis in dogs: survival and risk factors in a retrospective cohort of patients. J Small Anim Pract. 2013; 54(9): 445-452

Domenech O, Romito G, Voghera S, Auriemma E, Zini E

Trattamento chirurgico di un chemodectoma della base del cuore in un cane. Veterinaria 2013; 4: 23-29.

Romito G, Côté E, Domenech O.

ECG of the Month. Sinus tachycardia due to albuterol-induced hypokalemia. J Am Vet Med Assoc. 2013; 243(8) : 1108-1110.

Domenech O, Marchesotti F.

Insufficienza cardiac nel cane. Meccanismi di attivazione e controllo del RAAS e riscontri clinici. Dove agisce la terapia. SUMMA 2013

Marchesotti F, Romito G, Pellizza M, Domenech O

Peritonite settica e pitorace in un bracco italiano. SUMMA 2014; 3: 21-26

Domenech O, Oliveira P.

Transesophageal echocardiography in the dog. Vet J. 2013;198(2):329-338

Lacava G, Zini E, Marchesotti F, Domenech O, Romano F, Manzocchi S, Venco L, Auriemma E.

Computed tomography, radiology and echocardiography in cats naturally infected with *Aelurostrongylus abstrusus*.

J Feline Med Surg. 2016, Mar 9

Vezzosi T, Buralli C, Marchesotti F, Porporato F, Tognetti R, Zini E, Domenech O.

Diagnostic accuracy of a smartphone electrocardiograph in dogs: comparison with standard 6-lead electrocardiography.

Veterinary Journal, 2016: 33-7, 2016.

Cavaliere L, Romito G, Domenech O, Venco L.

Heartworm Removal Guided by Transesophageal Echocardiography in a Dog with Naturally Acquired Caval Syndrome.

J Am Anim Hosp Assoc. 2016 Nov 14

Vezzosi T, Marchesotti F, Tognetti R, Domenech O.

ECG of the month: spontaneous regression of a third-degree atrioventricular block in a dog with aortic

endocarditis.

J Am Vet Med Assoc. 2016; 248(9):1004-6

Wess G, Domenech O, Dukes-McEwan J, Häggström J, Gordon S.

European society of veterinary cardiology screening guidelines for dilated cardiomyopathy in Doberman Pinschers.

J Vet Cardiol. 2017; 19:405-415.

Vezzosi T, Tognetti R, Buralli C, Arnaboldi C, Calogero G, Marchesotti F, Domenech O (2017). ECG of the month: : influence of respiration on atrial fibrillation in a dog with hypothermia Journal of the American Veterinary Medical Association.2017; 251: 44-46.

Lacava G, Zini E, Marchesotti F, Domenech O, Romano F, Manzocchi S, Venco L, Auriemma E. Computed tomography, radiology and echocardiography in cats naturally infected with *Aelurostrongylus* *Abstrusus*.

J Feline Med Surg. 2017; 19:446-453.

Vezzosi T, Mannucci T, Pistoresi A, Toma F, Tognetti R, Zini E, Domenech O, Auriemma E, Citi S. Assessment of lung ultrasound B-Lines in dogs with different stages of chronic valvular heart disease. Journal of Veterinary Internal Medicine.2017, 31: 700-704

Morabito S, Auriemma E, Zagarella P, Mercuriali E, Domenech O, Gandini G, Gagliardo T, Zini E, Specchi S. Computed tomographic and angiographic assessment of spinal extradural arteriovenous fistulas in a dog.

Can Vet J.2017; 58:275-279.

Cavaliere L, Romito G, Domenech O, Venco L.

Heartworm removal guided by transesophageal echocardiography in a dog with naturally acquired caval syndrome.

J Am Anim Hosp Assoc.2017; 53:96-100.

Vezzosi T, Domenech O, Iacona M, Marchesotti F, Zini E, Venco L, Tognetti R Echocardiographic evaluation of the right atrial area index in dogs with pulmonary hypertension. Journal of Veterinary Internal Medicine.2018, 32: 42-47.

Patata V, Vezzosi T, Marchesotti F, Domenech O ECG of the month: : Atrial flutter

Journal of the American Veterinary Medical Association.2018; 252: 808-810.

Auriemma E, Armienti F, Morabito S, Specchi S, Rondelli V, Domenech O, Guglielmini C, Lacava G, Zini E, Khouri T.

Electrocardiogram-gated 16-multidetector computed tomographic angiography of the coronary arteries in dogs. Vet Rec. 2018 Oct 20;183(15):473

Tommaso Vezzosi, Oriol Domenech, Giulia Costa, Federica Marchesotti, Luigi Venco, Eric Zini, Maria Josefa Fernández del Palacio, Rosalba Tognetti

Echocardiographic evaluation of the right ventricular dimension and systolic function in dogs with pulmonary hypertension

J Vet Intern Med. 2018 Sep-Oct; 32(5): 1541–1548

Patata V, Caivano D, Porciello F, Rishniw M, Domenech O, Marchesotti F, Giorgi ME, Guglielmini C, Poser H, Spina F, Biretoni F

Pulmonary vein to pulmonary artery ratio in healthy and cardiomyopathic cats. *J Vet Cardiol.* 2019 Dec 24;27:23-33

Vezzosi T, Domenech O, Cipollini C, Cantile C, Côté E, Tognetti R. ECG of the Month. *J Am Vet Med Assoc.* 2019 Dec 1;255(11):1234-1236

Federica Marchesotti, Vincenzo Rondelli, Marco Pesaresi, Stefano Nicoli, Tommaso Vezzosi, Edoardo Auriemma, Guido Lanzillo, Andrea Cuccio, Toufic Khouri, Annette Dejong, Oriol Domenech  
Combined interventional procedure and cardiopulmonary bypass surgery in a dog with cor triatriatum dexter, patent foramen ovale, and pulmonary stenosis  
*Journal of Veterinary Internal Medicine.*2019, 33: 2227-34.

Cristina Carnabuci, Rosalba Tognetti, Tommaso Vezzosi, Federica Marchesotti, Valentina Patata, Oriol Domenech  
Left shift of the ventricular mean electrical axis in healthy Doberman Pinschers *J Vet Med Sci.* 2019 Apr; 81(4): 620–625.

Federica Marchesotti, Tommaso Vezzosi, Rosalba Tognetti, Francesca Marchetti, Valentina Patata, Barbara Contiero, Eric Zini, Oriol Domenech  
Left atrial anteroposterior diameter in dogs: reference interval, allometric scaling, and agreement with the left atrial-to-aortic root ratio  
*J Vet Med Sci.* 2019 Nov; 81(11): 1655–1662

Vezzosi T, Tognetti R, Buralli C, Marchesotti F, Patata V, Zini E, Domenech O.  
Home monitoring of heart rate and heart rhythm with a smartphone-based ECG in dogs. *Vet Rec.* 2019 Jan 19;184(3):96

#### CAPITOLO LIBRO

Bussadori C, Domenech O. Transesophageal echocardiography, In *clinical echocardiography of the dog and cat*, Elsevier 2016: 85-93.

#### COMUNICAZIONI CONGRESSI ECVIM O ACVIM

C. Bussadori, M. Carminati, O. Domenech, C. Locatelli, R. Toschi Corneliani

A NEW EMPLOYMENT OF AMPLATZER VASCULAR PLUG: IMPLANTATION IN TWO DOGS WITH PATENT DUCTUS ARTERIOSUS.

ECVIM-CA Congress 2006, Amsterdam.

C. Bussadori, O. Domenech, F. Armada.

CORRELATION BETWEEN ECHOCARDIOGRAPHIC PARAMETERS AND CLINICAL SEVERITY IN 663 SMALL BREED DOGS WITH ENDOCARDIOSIS.

ECVIM CA Congress 2006, Amsterdam

O.Domenech, F. Armada., L. Menegazzo, C.Bussadori.

PATENT DUCTUS ARTERIOSUS MEASUREMENTS OBTAINED BY TRANSTHORACIC AND TRANSESOPHAGEAL ECHOCARDIOGRAPHY COMPARED WITH ANGIOGRAPHY.

ACVIM Forum 2006, Seattle.

Elena Dall'Aglio , M. D. M., Oriol Domenech, Claudio Bussadori.

LONGITUDINAL AND CIRCUMFERENTIAL 2D BASED STRAIN AND STRAIN RATE VALUES IN CLINICALLY NORMAL BOXER AND DOBERMANN DOGS

ECVIM-CA. Congress 2008, Ghent.

O. Domenech, J. Silva, S. Vannini, C. Bussadori.

Left sinus of Valsalva to left atrial fistula associated with endocarditis in a dog with subaortic stenosis. ECVIM-CA Congress 2008, Ghent.

C. Locatelli · O. Domenech, F. Armada<sup>2</sup>, S. Vannini<sup>2</sup>, R. ToschiCorneliani<sup>3</sup>, P. Brambilla<sup>1</sup>, C. Bussadori<sup>2</sup> (PULMONARY BALLON VALVULOPLASTY IN 95 DOGS: EFFECT OF VALVE MORPHOLOGY ON IMMEDIATE AND LATE OUTCOME

ECVIM-CA Congress 2008. Ghent.

R. Toschi Corneliani , C. Locatelli, O. Domenech<sup>3</sup>, F. Armada, S. Vannini, C.

Bussadori (2008). RETROSPECTIVE STUDY OF PULMONIC STENOSIS IN 259 DOGS.

ECVIM-CA Congress 2008, Ghent.

R. Toschi Corneliani, M. V., C. Locatelli, V. Palermo, O. Domenech, C. M. Bussadori, P. G. Brambilla. (2009). CARDIAC TROPONIN I CONCENTRATIONS DURING AND AFTER PATENT DUCTUS ARTERIOSUS CORRECTION IN DOGS.

ECVIM-CA Congress 2009, Porto.

J. Silva , E. L., O. Domenech, P. Oliveira<sup>1</sup>, C. Bussadori.

PROVIDENCIA SPP ISOLATED IN A DOG WITH INFECTIVE ENDOCARDITIS. ECVIM-CA 2009, Porto.

Locatelli, C., O. Domenech, P Brambilla , E. Sala, C. Bussadori.

INDEPENDENT PREDICTOR FACTORS OF IMMEDIATE AND LONG TERM RESULTS 127 DOGS AFTER PULMONARY BALLON VALVULOPLASTY.

ECVIM-CA 2009 ,Porto.

O. Domenech<sup>1</sup>, J Silva , E. Laynez<sup>1</sup>, P. Oliveira<sup>1</sup>, C. Bussadori. Echocardiographic and angiographic comparison of patent ductus arteriosus measurements and their role on device size selection in 46 dogs.

ECVIM-CA Congress 2009, Porto

P. Oliveira, Domenech O, J. Silva, E. Laynez, C. Bussadori<sup>1</sup>.

PERCUTANEOUS CLOSURE OF patent ductus arteriosus WITH AMPLATZ® CANINE DUCT OCCLUDER IN 46 DOGS: outcome and prognostic survival factors.

ECVIM-CA Congress 2009, Porto

Locatelli C, Spalla I, Domenech O, Silva J, Oliveira P, Brambilla P, Bussadori C .

Survival in dogs affected by severe and moderate pulmonic stenosis: effect of pulmonary balloon valvuloplasty. ECVIM-CA 2010, Toulouse.

Oliveira P, Domenech O., Silva J , Bussadori, C. Retrospective study of congenital cardiac defects in 976 dogs. ECVIM-CA 2010, Toulouse.

R. Martinez 1, J. Silva1, O. Domenech1, P. Oliveira1, J. Häggström2, C. Bussadori1. False negative agitated saline echocardiographic contrast study in a reversed PDA. ECVIM-CA 2010, Toulouse.

Locatelli, C., Domenech O , Oliveira P , Silva J , Brambilla P , Bussadori C. TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN DOGS WITH PULMONIC STENOSIS. ECVIM-CA 2011, Sevilla

Sanchez D, Prandi D, Badiella LL, Hernandez-Lopez J, Manubens J, Domenech O, Oyama M, Garcia-Gausch L. New radiographic measurements of left atrial size in dogs with degenerative mitral valve disease: preliminary study.

ACVIM 2013, Seattle.

Sanchez D, Prandi D, Garcia-Gausch L, Badiella LL, Hernandez-Lopez J, Manubens J, Domenech O, Caro-Vadillo A, Oyama M

Usefulness of cardiac radiographic measurements to detect clinical stage of degenerative mitral valve disease: preliminary study.

ECVIM Congress 2013, Liverpool

Wess G, Domenech O, Dukes McEwan, Haggstrom J, O'Sullivan L, Gordon S Proposed Guidelines for DCM in Doberman Pinschers.

ECVIM-CA Congress 2015, Lisbon.

Marchesotti F , Vezzosi T, Zini E, Domenech O

Comparison of M –mode and two-dimensional echocardiography in evaluating the left atrium to aorta ratio in cats. ECVIM-CA Congress 2016, Goteborg.

Vezzosi T, Iacona M, Marchesotti F, Tognetti E, Venco L, Domenech O

Echocardiographic evaluation of right atrial area index in dogs with pulmonary hypertension. ECVIM-CA Congress 2016, Goteborg.

Vezzosi T, Tognetti R, Costa G, Marchesotti F, Venco L, Zini E, Domenech O.

Echocardiographic evaluation of right ventricular dimension and systolic function in dogs with pulmonary hypertension.

27th ECVIM-CA Congress 2017, St. Julian, Malta.

Patata V, D. Caivano, F. Porciello, M. Rishniw, O. Domenech, F. Marchesotti, M.E. Giorgi, C. Guglielmini, H. Poser, F. Spina, F. Birettoni.

Pulmonary vein to pulmonary artery ratio in healthy and cardiomyopathic cat. 27th ECVIM-CA Congress 2017, St. Julian, Malta.

Parmentola C, Patata V, Vezzosi T, Marchesotti F, Tognetti R, Domenech O. Indeterminate mean electrical axis of the QRS complex in the dog

28th ECVIM-CA Congress 2018, Rotterdam, Netherlands.

Vezzosi T, Carnabuci C, Marchesotti F, Tognetti R, Domenech O.

Left shift of the ventricular mean electrical axis in healthy Doberman Pinschers 28th ECVIM-CA Congress 2018, Rotterdam, Netherlands.

Parmentola C, Patata V, Marchesotti F, Vezzosi T, Domenech O.

E point to septal separation (EPSS): difference of measurement from the right parasternal long axis and short axis view in dogs

29th ECVIM-CA Congress 2019, Milan, Italy.

V. Patata, L. Carcangiu, S. Pisanu, G.M.G. Puggioni, V. Tedde, S. Tore, C. Parmentola, T. Vezzosi, F. Marchesotti,

O. Domenech, J.N. Matos, V.L. Fuentes, D.J. Connolly, H. Poser, C. Guglielmini, S. Uzzau, D. Pagnozzi, E. Zini Biomarker discovery in cats with cardiomyopathy

29th ECVIM-CA Congress 2019, Milan, Italy.