



RESEARCH COMMUNICATIONS OF THE 29th ECVIM-CA CONGRESS

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**MiCo Exhibition & Conference Centre,
Milano, Italy, 19th to 21st September 2019**

LIST OF ORAL RESEARCH COMMUNICATIONS

ESVC – European Society of Veterinary Cardiology

Thursday 19 September

15.55-16.10	ESVC-O-1	Belachsen	Acute effect of oral pimobendan on left atrial function and mitral valve regurgitation severity in dogs with stage B2 myxomatous mitral valve disease – A pilot study
16.10-16.25	ESVC-O-2	Ward	Retrospective evaluation of the safety and tolerability of pimobendan in cats with obstructive versus nonobstructive hypertrophic cardiomyopathy
16.25-16.40	ESVC-O-3	Crosara	Aorto-septal angle, isolated basal septal hypertrophy and systolic murmur in 122 cats

Friday 20 September

11.20-11.35	ESVC-O-4	Menciotti	Accuracy of noninvasively determined pulmonary artery pressure in dogs with myxomatous mitral valve disease (MMVD)
11.35-11.50	ESVC-O-5	Ksiazek	Left atrial tear in dogs with myxomatous mitral valve disease - clinical presentation, echocardiographic features and long-term survival
11.50-12.05	ESVC-O-6	Claretti	Echocardiographic evaluation of left ventricular dimension and systolic function before and 24 hours after percutaneous closure of patent ductus arteriosus in 120 dogs
12.05-12.20	ESVC-O-7	Adin	Delayed Electrolyte Depletion and Azotemia in a Furosemide Rate Continuous Infusion Model
12.20-12.35	ESVC-O-8	Culshaw	Changes in renal endothelin activity with cardiac, renal and other chronic diseases in dogs
12.35-12.50	ESVC-O-9	Spalla	High grade AV Block and third degree AV Block in cats: a retrospective study of epicardial pacemaker implantation (2006-2018) focusing on signalment, presentation and survival

14.25-14.40	ESVC-O-10	van Hoek	Diet-induced reduction of cardiac wall thickness, Troponin-I and IGF-1 in cats with asymptomatic hypertrophic cardiomyopathy
14.40-14.55	ESVC-O-11	Patata	Biomarker discovery in cats with cardiomyopathy
14.55-15.10	ESVC-O-12	Hanås	Blood pressure measurement by High Definition Oscillometry in different clinical settings in healthy cats
15.10-15.25	ESVC-O-13	Busato	Does pleural effusion protect against arterial thromboembolism in feline congestive heart failure?
15.25-15.40	ESVC-O-14	Ferasin	Iatrogenic heart murmur: a new cause of systolic murmurs in cats
15.40-15.55	ESVC-O-15	Giraud	Point Of Care Ultrasound of the Caudal Vena Cava in Canine Degenerative Mitral Valve Disease.
16.30-16.45	ESVC-O-16	Bourguignon	Echocardiographically determined left ventricular volume indices obtained from two views in dogs show good agreement
16.45-17.00	ESVC-O-17	Greet	Supraventricular tachycardia in 23 cats; comparison with 21 cats with atrial fibrillation (2004-2014)
17.00-17.15	ESVC-O-18	Perego	Electrocardiographic patterns of ventricular pre-excitation in the dog
17.15-17.30	ESVC-O-19	Perego	Use of the cutting balloon technique for the treatment of subvalvular pulmonary stenosis
17.30-17.45	ESVC-O-20	Costa	Imaging and clinical features of canine right atrial appendage aneurysm: a single-centre cross-sectional study in 10886 dogs
17.45-18.00	ESVC-O-21	Franchini	Predictors of reoccurrence of congestive signs in dogs with ACVIM-Stage C myxomatous mitral valve disease (MMVD)

SCH – Society of Comparative Hepatology

Thursday 19 September

09.45-10.00	SCH-O-1	Ferreira	Lactulose drives a reversible reduction and qualitative modulation of the faecal microbiota diversity in healthy dogs
10.00-10.15	SCH-O-2	Verwey	Prevalence of bactibilia in apparently healthy dogs
10.15-10.30	SCH-O-3	Devriendt	Hyaluronic acid as a liver function test to assess extrahepatic portosystemic shunt closure in dogs after surgical attenuation

ESVCP – European Society of Veterinary Clinical Pathology

Thursday 19 September

12.05-12.20	ESVCP-O-1	Škor	Plasma lactate dehydrogenase as a prognostic marker for nodal diffuse large B-cell lymphoma in dogs
12.20-12.35	ESVCP-O-2	Prasinou	The paradigm of erythrocyte membrane lipidome in healthy dogs: first evaluation of the optimal interval values of a fatty acid cluster
12.35-12.50	ESVCP-O-3	Zoia	Grade of severity, type of fibrinolysis and degree of agreement between rotational thromboelastometry (ROTEM) and FDPs, D-dimer and fibrinogen concentrations: a case-control study of 64 dogs with or without abdominal and/or pleural effusions
14.25-14.40	ESVCP-O-4	Zoia	Rotational thromboelastometry (ROTEM) fibrinolytic activity in dogs with abdominal and/or pleural effusions: a case control study in 64 dogs
14.40-14.55	ESVCP-O-7	Johnsen	Investigation of the relationship between ionised and total calcium in dogs with ionised hypercalcaemia
14.55-15.10	ESVCP-O-6	Dewhurst	The effect of boric acid on bacterial culture of non-cystocentesis canine and feline urine samples

15.10-15.25	ESVCP-O-5	Cervone	Prospective evaluation of inter- and intra-observer agreement for standard visual dipstick urinalysis in dogs and cats and comparison with an automated method
15.25-15.40	ESVCP-O-8	Bennaim	Dilution and storage effects on free T4 concentrations measured by equilibrium dialysis or analogue immunoassay
15.40-15.55	ESVCP-O-9	Vizi	Detection of canine serum hepcidin with LC/MS method in healthy dogs
15.55-16.10	ESVCP-O-10	Guzmán Ramos	Evaluation of hypocholesterolaemia in dogs

ESVNU - European Society of Veterinary Nephrology and Urology

Thursday 19 September

14.25-14.40	ESVNU-O-1	Amram	Serum symmetric dimethylarginine in dogs and cats with acute kidney injury treated with intermittent hemofiltration
14.40-14.55	ESVNU-O-2	Faucher	Non-obstructive "acute on chronic" kidney disease in the cat: is it possible to predict survival?
14.55-15.10	ESVNU-O-3	Ferreira	Effect of measurement location on systolic blood pressure (SBP) readings in out-patient and in-patient dogs
15.10-15.25	ESVNU-O-4	Rossi	Immune-complex glomerulonephritis in cats: a retrospective study based on clinico-pathological data and morphological features
15.25-15.40	ESVNU-O-5	Mantelli	Short course of immune-suppressive doses of prednisolone is associated with renal hyperfiltration and changes in hydration and electrolyte status in healthy beagle dogs
15.40-15.55	ESVNU-O-6	Snell	Characterization and in vitro susceptibility of clinical feline UPEC isolates to an E. coli probiotic as a potential therapeutic for urinary tract infection
15.55-16.10	ESVNU-O-7	Baumgartner	Prognostic factors in dogs with common causes of proteinuria
16.10-16.25	ESVNU-O-8	Bijsmans	The effect of dietary sodium on urinary calcium and calcium oxalate relative supersaturation (CaOx RSS) in dogs
16.25-16.40	ESVNU-O-9	Caccamo	Proliferative urethritis in dogs: long-term follow up and prognosis

ISCAID - International Society for Companion Animal Infectious Diseases

Thursday 19 September

11.20-11.35	ISCAID-O-1	Carrai	Detection of canine and feline parvovirus shedding in asymptomatic shelter cats in Australia using a minor groove binder probe real-time PCR assay
11.35-11.50	ISCAID-O-2	Petini	Prognostic value of systemic inflammatory response syndrome (SIRS) presence, serum acute phase proteins, cholesterol and total thyroxine concentrations in cats with feline panleukopenia: a retrospective cohort study in 70 cats (2010-2018)
11.50-12.05	ISCAID-O-3	Bordicchia	Clinical and epidemiological features of the first reported outbreaks of feline calicivirus virulent systemic disease in Australia and in vitro efficacy of three antiviral compounds: nitazoxanide, 2'-C-methylcytidine and NITD-008
12.05-12.20	ISCAID-O-4	Bergmann	Antibody response to feline calicivirus vaccination in healthy adult cats
12.20-12.35	ISCAID-O-5	Felten	Correlation of feline coronavirus shedding in faeces with serum coronavirus antibody titre
12.35-12.50	ISCAID-O-6	Dandrieux	A retrospective multi-centre study on treatment and outcome in disseminated aspergillosis in 41 dogs
14.25-14.40	ISCAID-O-7	Cervone	Canine Trichuris vulpis infection: a retrospective study of 45 cases
14.40-14.55	ISCAID-O-8	Lutz	Patterns of antimicrobial use for selected canine diseases in Switzerland in 2016

14.55-15.10	ISCAID-O-9	Hubbuch	Comparison of antimicrobial prescription in selected diseases in cats in Switzerland between 2016 and 2018: a trend towards more prudent antimicrobial use
15.10-15.25	ISCAID-O-10	Schmidt	Evaluation of hand hygiene compliance in small animal clinics and practices in Switzerland using the CleanHands application
15.25-15.40	ISCAID-O-11	Schmidt	Evaluation of infection prevention and control standards and carriage of multidrug-resistant organisms in working staff in small animal clinics and practices in Switzerland
15.40-15.55	ISCAID-O-12	Schuller	Prevalence, acquisition and persistence of rectal and naso-/oropharyngeal carriage of multidrug-resistant organisms in dogs and cats presented to veterinary practices and their owners

ESCG – European Society of Comparative Gastroenterology

Friday 20 September

09.45-10.00	ESCG-O-1	Ruggerone	The fecal microbiota and unconjugated fecal bile acids in dogs with diabetes mellitus
10.00-10.15	ESCG-O-2	Stavroulaki	Impact of antibiotic administration on fecal bacterial groups potentially associated with dysbiosis in kittens
10.15-10.30	ESCG-O-3	Bermudez Sanchez	Fecal microbial metabolism is altered in dogs with chronic enteropathy
11.20-11.35	ESCG-O-4	Swales	The pug breed demonstrates a worse response to treatment of protein-losing enteropathy than other breeds of dog
11.35-11.50	ESCG-O-5	Petrelli	Is measuring serum folate pointless? Retrospective analysis of prevalence and clinical significance of hypo- or hyperfolataemia in dogs with chronic enteropathies
11.50-12.05	ESCG-O-6	Moberg	Dogs with acute haemorrhagic diarrhoea syndrome not receiving antibiotics have a good prognosis despite initial high AHDS-score and systemic inflammation
12.05-12.20	ESCG-O-7	Ziese	Faecal bile acid profiles in dogs with acute haemorrhagic diarrhoea syndrome over time and compared to healthy dogs
12.20-12.35	ESCG-O-8	Kaufmann	Long-term consequences of acute hemorrhagic diarrhea syndrome in dogs

ESVIM – European Society of Veterinary Internal Medicine

Friday 20 September

16.30-16.45	ESVIM-O-1	Hirt	Pulmonary deposition of nebulized ^{99m} Tc-DTPA after pharmacologically induced airway narrowing in healthy dogs
16.45-17.00	ESVIM-O-2	Fastrès	Assessment of lung microbiota in healthy dogs: impact of breed and living conditions
17.00-17.15	ESVIM-O-3	Grobman	Protein biomarkers in regurgitation, vomiting, and cough: proteomic characterization of canine gastric fluid by liquid chromatography mass spectrometry (LCMS)
17.15-17.30	ESVIM-O-4	Jaffey	Serum 25-hydroxyvitamin D in dogs with sinonasal aspergillosis
17.30-17.45	ESVIM-O-5	Jaffey	Plasma mRNA cathelicidin expression in hospitalized critically ill dogs
17.45-18.00	ESVIM-O-6	Jaffey	Hereditary methemoglobinemia in dogs caused by cytochrome b5 reductase deficiency associated with variants in CYB5R3

Saturday 21 September

16.30-16.45	ESVIM-O-7	Jones	Differences in clinical presentation of common dog breeds diagnosed with primary IMHA
16.45-17.00	ESVIM-O-8	de Laet	Diagnostic imaging findings in a referral population of dogs diagnosed with immune-mediated haemolytic anaemia
17.00-17.15	ESVIM-O-9	Ebelt	Determination of Blood Groups DEA 1, DEA 4, DEA 5, Dal, and Kai 1/2 in Different Canine Breeds

17.15-17.30	ESVIM-O-10	Ferri	Systemic AA-amyloidosis in shelter cats and shedding of amyloid fibrils
17.30-17.45	ESVIM-O-11	Rabozzi	Treatment of non-lactate metabolic acidosis in hypovolemic and normovolemic dogs: chloride-free iso-osmolar solution with elevated Strong Ion Difference versus Ringer's Lactate solution

ESVONC – European Society of Veterinary Oncology

Friday 20 September

14.25-14.40	ESVONC-O-1	Aupperle-Lellbach	BRAF-mutation in carcinomas of various sites in the canine urinary tract
14.40-14.55	ESVONC-O-2	Kleiter	Re-irradiation is a valuable treatment option for dogs and cats with cancer after failing first line therapy
14.55-15.10	ESVONC-O-3	Borgatti	Impact of Repeated Cycles of EGF Bispecific Angiotoxin (eBAT) Administered at a Reduced Interval from Doxorubicin Chemotherapy on Tolerability and Survival of Dogs with Splenic Hemangiosarcoma
15.10-15.25	ESVONC-O-4	Škor	Humoral hypercalcemia of malignancy in canine lymphoma WHO types and its impact on survival
15.25-15.40	ESVONC-O-5	Rigas	High risk mast cell tumours with favourable outcome in 16 young dogs
15.40-15.55	ESVONC-O-6	Willcox	Diphenhydramine Does Not Reduce Infusion-Related Ventricular Arrhythmias in Dogs Treated with Doxorubicin
16.30-16.45	ESVONC-O-7	Škor	Time to change from WHO staging to Ann-Arbor system in canine nodal diffuse large B-cell lymphoma?
16.45-17.00	ESVONC-O-8	Willcox	Accuracy of PET for Detection of Lymph Node Metastasis in Canine Oral Malignant Melanoma
17.00-17.15	ESVONC-O-9	Fournier	Efficacy of diosmectite in the management of chemotherapy-induced diarrhoea in dogs: an open-label randomised clinical trial
17.15-17.30	ESVONC-O-10	Fournier	Contrast-enhanced ultrasound for sentinel lymph node identification in the routine staging of canine mast cell tumours: a feasibility study
17.30-17.45	ESVONC-O-11	Ossowska	Dorsal rhinotomy in 18 dogs with intranasal tumors
17.45-18.00	ESVONC-O-12	Wood	The Use of Low-dose Radiation Therapy for the Treatment of Small & Intermediate Cell Gastrointestinal Lymphoma in Cats

ESVE – European Society of Veterinary Endocrinology

Saturday 21 September

09.00-09.15	ESVE-O-1	Mack	The Relationship of SDMA and Creatinine in Cats with Subnormal Total T4 After Hyperthyroidism Treatment
09.15-09.30	ESVE-O-2	Kelly	Prevalence of 'Atypical' Addison's disease among a population of dogs diagnosed with hypoadrenocorticism
09.30-09.45	ESVE-O-3	Petini	The predictive role of the transtubular potassium gradient (TTKG) for Addison syndrome in hyperkaliemic dogs: a cross-sectional study
09.45-10.00	ESVE-O-4	Golinelli	Comparison of different monitoring methods in dogs with hypercortisolism treated with trilostane
10.00-10.15	ESVE-O-5	Tardo	Feline plasma adrenocorticotrophic hormone: validation of a chemiluminescent assay and concentrations in cats with hypercortisolism, primary hypoadrenocorticism and other diseases
10.15-10.30	ESVE-O-6	Denyer	Major Histocompatibility Complex (MHC) class II haplotypes associated with increased risk of canine diabetes mellitus – a breed-specific study

10.30-10.45	ESVE-O-7	Copley	Comparison of nine canine serum thyroxine measurement methods and impact of T4 cross-reacting autoantibodies
11.20-11.35	ESVE-O-8	Hazuchova	Analysis of GWAS data in Domestic Shorthair and Burmese cats identifies diabetes-associated loci near the DPP9 and within the DPP10 gene
11.35-11.50	ESVE-O-9	Kraemer	Glycemic variability in newly diagnosed diabetic cats treated with the GLP-1 analogue exenatide extended-release
11.50-12.05	ESVE-O-10	del Baldo	Clinical performances of flash glucose monitoring system in diabetic dogs
12.05-12.20	ESVE-O-11	Davison	Whole Genome Sequencing to explore genetic risk factors in canine diabetes mellitus
12.20-12.35	ESVE-O-12	Linari	Evaluation of 1,2-o-dilauryl-rac-glycero glutaric acid - (6'-methylresorufin) ester (DGGR) lipase assay in dogs with naturally occurring hypercortisolism
12.35-12.50	ESVE-O-13	Bennaim	Comparison of measurement of free thyroxine concentration by a chemiluminescent analogue immunoassay to equilibrium dialysis in dogs with non-thyroidal illness
12.50-13.05	ESVE-O-14	Tièche	Organoid cultures of follicular-cell thyroid carcinoma: a novel canine model for translational thyroid cancer research

ESVCN – European Society of Veterinary Comparative Nutrition

Saturday 21 September

14.25-14.40	ESVCN-O-1	Jeusette	Dietary lemon balm and fish peptides enhance the efficacy of L-tryptophan to reduce urinary cortisol, a stress marker in cats
14.40-14.55	ESVCN-O-2	Nybroe	Metabolic effects of a diet with <i>Enterococcus faecium</i> NCIMB 10415 for healthy adult dogs

LIST OF POSTER RESEARCH COMMUNICATIONS

ESVC – European Society of Veterinary Cardiology

ESVC-P-1	Baisan	Heart rate variability of dogs in various stages of degenerative mitral valve disease
ESVC-P-2	van Israel	Comparison of serum digoxin concentrations from blood collected in Vacutainer® tubes with or without gel
ESVC-P-3	Caivano	Transverse right ventricle strain and strain rate assessed by 2-dimensional speckle tracking echocardiography in dogs with pulmonary hypertension
ESVC-P-4	Lee	Potential renoprotective effect of angiotensin-receptor antagonists in dogs with myxomatous mitral valve disease
ESVC-P-5	Takamura	Perioperative management with peripheral arteries in dogs undergoing open heart surgery
ESVC-P-6	Martinelli	Effects of in-hospital diuretic therapy on electrolytes concentration, renal function and survival in 85 dogs with acute congestive heart failure
ESVC-P-7	Yilmaz	Platelet proteomic profile in dogs with heart failure
ESVC-P-8	Ware	Vitamin D Status in Cats with Cardiomyopathy compared to Normal Cats
ESVC-P-9	Cheng	Identification of increased desmin aggregates consistent with intermediate filament dysfunction in feline hypertrophic cardiomyopathy
ESVC-P-10	Guglielmini	Prevalence and risk factors for atrial fibrillation in dogs with myxomatous mitral valve disease
ESVC-P-11	Poissonnier	Left atrial volume assessment in 160 Cavalier King Charles Spaniels with and without degenerative mitral valve disease (2017-2019)

- ESVC-P-12 Passavin Hematological abnormalities in dogs with congenital arterial stenosis: a prospective study of 56 cases (2017-2019)
- ESVC-P-13 Poissonnier Use of torasemide in cats with congestive heart failure: 17 cases (2016-2019)
- ESVC-P-14 Guarnera Use of torasemide as a second line diuretic in dogs with congestive heart failure
- ESVC-P-15 Mazzoldi Echocardiographic predictors of first onset of atrial fibrillation in dogs with myxomatous mitral valve disease
- ESVC-P-16 Romito Usefulness of Holter-derived Lorenz plots analysis to discriminate different cardiac rhythms in dogs
- ESVC-P-17 Adin Visual Representations of Cardiac Arrhythmias in Dogs using Lorenz Plots
- ESVC-P-18 Borenstein First case of successful transcatheter pulmonary valve implantation in a dog with severe pulmonary regurgitation
- ESVC-P-19 Claretti Normal aortic annulus dimensions in Boxer dogs according to sex and body weight
- ESVC-P-20 Domanjko Petric Inflammatory and oxidative stress markers are associated with survival in canine cardiovascular patients
- ESVC-P-21 Domanjko Petric Right heart remodelling in brachycephalic obstructive airway syndrome
- ESVC-P-22 Baron Toaldo Effect of a single dose of Pimobendan on right ventricular and atrial function in healthy cats
- ESVC-P-23 Harjen Ambulatory electrocardiography and serial cardiac specific troponin I measurement in twenty-two dogs envenomated by the European Adder (*Vipera berus*)
- ESVC-P-24 Parmentola E point to septal separation (EPSS): difference of measurement from the right parasternal long axis and short axis view in dogs
- ESVC-P-25 Takahashi Investigation report of the effect of long flight prolonged air travel on dogs with heart mitral valve disease
- ESVC-P-26 Lekane Clinical, ECG and echocardiographic findings in a canine case series of presumptive myocardial infarction

SCH – Society of Comparative Hepatology

- SCH-P-1 Borusewicz The use of MRI and gadoxetic acid to differentiate hepatic parenchymal hyperplastic lesions in dogs

ESVCP – European Society of Veterinary Clinical Pathology

- ESVCP-P-1 Martín Serological and molecular detection of *Leishmania infantum* in stray cats in an endemic region of Spain
- ESVCP-P-2 Franco-Martínez Serum and salivary adiponectin dynamics in dogs before and after ovariohysterectomy
- ESVCP-P-3 Baxarias Effect of storage on nitroblue tetrazolium reduction test in dogs
- ESVCP-P-4 Kocaturk Identification of serum proteins in dogs naturally infected with *Anaplasma phagocytophilum* and *Borrelia burgdorferi*
- ESVCP-P-5 Tulone Hypergammaglobulinemia as a marker of hepato-pancreatic involvement in enteropathic cats
- ESVCP-P-6 Gori C-Reactive Protein/Albumin ratio in canine acute pancreatitis
- ESVCP-P-7 Navarro Urine capillary electrophoresis reference intervals for healthy dogs
- ESVCP-P-8 Cantos Barreda Martínez Does the time at sampling influence the measurement of anti-*Leishmania* antibodies in serum and saliva of dogs with clinical leishmaniasis?
- ESVCP-P-9 Pierini Platelet abnormalities and platelet-to-lymphocyte ratio (PLR) in canine immunosuppressant-responsive enteropathy (IRE): a retrospective study on 41 patients
- ESVCP-P-10 Galizzi The urine aldosterone to creatinine ratio (UAldo:C) determined by enzyme-linked immunosorbent assay (ELISA) in healthy dogs and dogs with myxomatous mitral valve disease

ESVNU – European Society of Veterinary Nephrology and Urology

- ESVNU-P-1 Breu Uroliths in dogs from Europe and China - a comparative study
- ESVNU-P-2 Fidalgo Significant Feline Proteinuria: a retrospective study of its aetiology in 61 cats

ESVNU-P-3	Paz	The role of vector-borne diseases in the aetiology of overt canine proteinuria: a retrospective study in 106 dogs
ESVNU-P-4	Falus	Evaluation of the diagnostic value of urinary albumin to protein ratio in proteinuric dogs
ESVNU-P-5	Neagu	N-acetyl- β -D-glucosaminidase index as an early renal tubular damage marker in male cats with obstructive lower urinary tract disease
ESVNU-P-6	Pagnamenta	Non-symptomatic bacteriuria is common in young female boxer dogs
ESVNU-P-7	Gori	Evaluation of symmetric dimethylarginine (SDMA) in canine acute pancreatitis
ESVNU-P-8	From	Evaluation of a point-of-care lateral flow immunoassay for detection of significant bacteriuria in dogs and cats
ESVNU-P-9	Perondi	Antioxidant enzyme activity in dogs with acute uraemia managed with haemodialysis
ESVNU-P-10	Pantaleo	Risk factors for urinary tract infection in dogs with natural occurring leptospirosis: a retrospective cohort study of 76 dogs
ESVNU-P-11	Manczur	Accuracy of refractometric urine specific gravity determination in cats
ESVNU-P-12	Duque	Early detection of tubular damage in dogs infected with <i>Leishmania infantum</i> : use of N-acetyl- β -D-glucosaminidase (NAG) and glutamyl transferase (GGT)
ESVNU-P-13	Duque	Usefulness of urine neutrophil gelatinase-associated lipocalin (NGAL) and Cystatin C (CysC) in the diagnosis of renal disease in dogs affected with leishmaniasis
ESVNU-P-14	Zambarbieri	Complicated UTI in dogs: uropathogens, antimicrobial resistance and comorbidity
ESVNU-P-15	Scarpa	Cats at risk or with spontaneous CKD. What affects survival and prognosis?

ISCAID – International Society for Companion Animal Infectious Diseases

ISCAID-P-2	Carnés	Circulating immune complexes levels correlate with the progression of canine leishmaniasis
ISCAID-P-3	Cabré	Clinicopathological findings in canine leishmaniasis and its association with signalment
ISCAID-P-4	Su	Correlation between the molecular epidemiology of canine <i>Babesia</i> species and the distribution of vector ticks on dogs in Taiwan
ISCAID-P-5	Liu	Risk factors of <i>Babesia gibsoni</i> infection from client-owned dogs
ISCAID-P-6	Pacifico	<i>Acantocheilonema reconditum</i> in hunting dogs from Southern Italy: distribution, risk factors and haemato-biochemical findings
ISCAID-P-7	Sarpataki	Effect of human antiretroviral compound Tenofovir in the treatment of cats naturally infected with feline immunodeficiency virus (FIV)
ISCAID-P-8	Gatellet	The many faces of Lyme borreliosis in dogs: a review of 29 suspected clinical cases
ISCAID-P-9	Piantedosi	Distribution and risk factors of canine hemotropic mycoplasmas in hunting dogs from Southern Italy
ISCAID-P-10	Palerme	Prevalence of vector-borne diseases in free-roaming cats
ISCAID-P-11	Walker	Retrospective analysis of cases tested for leptospirosis at a university teaching hospital
ISCAID-P-12	Guzmán Ramos	Canine urine culture and antimicrobial susceptibility patterns over an eight-year period: increasing antimicrobial and multidrug resistance

ESCG – European Society of Comparative Gastroenterology

ESCG-P-1	Benvenuti	Foxp3 and histopathological lesions in relation to outcomes in canine immunosuppressant-responsive enteropathy (Ire): prospective analysis in 57 dogs
ESCG-P-2	Tabar	Prevalence and significance of increased TLI concentrations in clinical practice

ESCG-P-3	Lyngby	Serum 25-hydroxyvitamin D3 in dogs with acute gastrointestinal diseases
ESCG-P-4	Gori	Evaluation of abdominal ultrasound features in relation with canine Spec cPL, the severity of disease and mortality in suspected canine acute pancreatitis
ESCG-P-5	Candido	Gastric mucosal pathology in Belgian Shepherd dogs with and without clinical signs of gastric disease
ESCG-P-6	Cristóbal Verdejo	Effect of stem cell therapy on serum cobalamin levels in dogs diagnosed with chronic enteritis without cobalamin supplementation
ESCG-P-7	Becher	Neutrophil-to-lymphocyte ratio (NLR) as a biomarker in dogs with chronic inflammatory enteropathies
ESCG-P-8	Hanifeh	Calprotectin concentrations are increased in the intestinal mucosa of dogs with chronic inflammatory enteropathies
ESCG-P-9	Benvenuti	Neutrophil-to-lymphocyte ratio (NLR) in canine patients with immunosuppressant-responsive enteropathy (IRE)
ESCG-P-10	Ambrosini	A Novel Canine-Specific Model System to Study Intestinal P-Glycoprotein-Mediated Drug Transport
ESCG-P-11	Johnsen	Investigation of the efficacy of a novel diet in the management of chronic enteropathies in dogs
ESCG-P-12	Jergens	Effect of dietary fat content on mucosal microbiota and serum metabolome in healthy beagles
ESCG-P-13	Crisi	The erythrocyte membrane lipidome in dogs with chronic enteropathy
ESCG-P-14	Da Riz	Hypercobalaminaemia and its possible association with disease severity in dogs: a retrospective study of 47 cases
ESCG-P-15	Pignataro	In vitro model (SCIME) to study the intestinal microbiota in dog
ESCG-P-16	Hernandez	Expression and distribution of Toll-Like Receptor (TLR)2, TLR4, TLR5 and TLR9 in the colonic mucosa of dogs with Inflammatory Bowel Disease
ESCG-P-17	Weiß	Serum Vitamin A and E concentrations in dogs with pancreatitis
ESCG-P-18	Galiazzo	Water immersion vs gas insufflation in canine duodenal endoscopy: is the future underwater?

ESVIM – European Society of Veterinary Internal Medicine

ESVIM-P-2	Bottero	Retrospective study of 23 cases of canine nasal polyposis, of which 10 were treated endoscopically
ESVIM-P-3	Keiner	Diagnostic utility of reticulocyte haemoglobin content (RETIC-HGB) to detect iron-limited erythropoiesis in cats
ESVIM-P-4	Slawuta	A comparison of the diagnostic utility of the classic model, the value of the Anion Gap (AG), corrected Anion Gap (AGcorr) and the chloride/sodium ratio in the diagnosis of acid-base balance disturbances in cats with chronic kidney disease (CKD)
ESVIM-P-5	Schulz	Evaluation of different cleaning methods for bacterial decontamination of feline aerosol chambers
ESVIM-P-6	Lubas	Evaluation of clinico-pathological alterations including some leukocyte ratios and survival rate in dogs with IMHA transfused and not transfused: a retrospective study
ESVIM-P-7	di Loria	Expression of serum exosomal miRNA 122 in dogs naturally infected by <i>Leishmania infantum</i>
ESVIM-P-8	Tulone	Anemia and hypoferremia in cats with hepato-pancreatic and intestinal involvement
ESVIM-P-10	Lam	Lung ultrasound findings in dogs using a regionally based protocol (Vet BLUE) versus entire thorax scanning
ESVIM-P-11	Drut	Comparison of plasma metabolomic profiles of healthy adult cats with low or high plasma homocysteine concentration
ESVIM-P-12	Gianesini	Association between immune-mediated hemolytic anemia (IMHA) and acute pancreatitis in dogs
ESVIM-P-13	Easley	Evaluation of Serum Procalcitonin in Dogs with Induced Endotoxemia as a Biomarker for Sepsis

ESVIM-P-14	Cortese	Effect of a weight loss program on metabolic and immunological profile, blood leptin level and cardiovascular parameters in obese dogs
ESVIM-P-15	Beaujard	Life expectancy and causes of mortality of dogs at the National Veterinary School of Toulouse between September 2007 and September 2017 : retrospective study
ESVIM-P-16	Aromaa	Comparison of habitual physical activity levels in French Bulldogs and normocephalic dogs – a pilot study
ESVIM-P-17	Canonne-Guibert	Normal or mild increased C-reactive protein values in 16 dogs with bronchial and pulmonary infection with <i>Bordetella bronchiseptica</i>
ESVIM-P-18	Viitanen	Polycythemia is uncommon in dogs with chronic hypoxic pulmonary disease
ESVIM-P-19	Greci	A statistical analysis to predict persistence of canine sinonasal aspergillosis at endoscopic follow-up by comparing three different scoring systems: a retrospective study of 47 cases treated with one hour 1% clotrimazole per-endoscopic infusion and undergoing endoscopic follow-up
ESVIM-P-20	Spada	Evaluation of feline packed red blood cell units obtained by blood sedimentation and stored for 42 days for transfusion purposes
ESVIM-P-21	Flageollet	Bronchoscopic findings in dogs with bronchial vegetal foreign bodies : a retrospective study of 52 cases (2010-2019)
ESVIM-P-22	Vangrinsven	Assessment of nasal microbiota in healthy dogs of different breeds
ESVIM-P-23	Peano	Canine sino-nasal aspergillosis in Italy (38 cases)

ESVONC – European Society of Veterinary Oncology

ESVONC-P-1	Bottero	Multicentric and prospective study on 271 cases of endonasal neoforations in the dog
ESVONC-P-2	Thumser-Henner	Sensitivity of canine and human cancer cell lines towards thermoradiotherapy
ESVONC-P-3	Lanore	Interest of the association of abdominal ultrasound and alanine transaminase (ALT) measurements in the determination of hepatic infiltration in case of nodal diffuse large B-cell lymphoma (DLBLCL)
ESVONC-P-5	Campigli	Pet owner feedback on psychological support service in an Italian veterinary hospital: a survey data
ESVONC-P-6	Mosca	Evaluating the myelosuppressive effects of a single dose of vincristine in dogs with lymphoma

ESVE – European Society of Veterinary Endocrinology

ESVE-P-1	Codea	Hypothyroidism and its association with extra hepatic biliary diseases in dogs: a retrospective case-control study
ESVE-P-2	van den Berg	Planar and SPECT imaging of canine thyroid tumors: 68 cases
ESVE-P-4	Pérez-López	Ultrasonographic evaluation of adrenal gland thickness in healthy dogs and in dogs with hyperadrenocorticism
ESVE-P-5	Ledda	Ultrasonographic accuracy in primary adrenal insufficiency: a retrospective cohort study of 182 dogs
ESVE-P-6	Graham	Effect of sample dilution on free T4 depends on physiological state and analytical method
ESVE-P-7	Canonne-Guibert	Survival in cats with diabetes mellitus and chronic pancreatitis: a preliminary study of 36 cases
ESVE-P-8	Niessen	Efficacy of once daily Protamine Zinc Recombinant Human Insulin (ProZinc®) in canine diabetes mellitus
ESVE-P-9	Garcia	Brachycephalic morphotype and pituitary tumor size in dogs with Cushing's disease
ESVE-P-10	Pierini	Critical illness-related corticosteroid insufficiency (CIRCI) in dogs with systemic inflammatory response syndrome (SIRS)
ESVE-P-11	Nerhagen	Prednisolone induced hyperglycaemia and diabetes mellitus in cats
ESVE-P-12	Malerba	Accuracy and precision of insulin administration using human and veterinary pen-injectors and syringes

- ESVE-P-13 Carotenuto fractional excretion of electrolytes in dogs with primary hypoadrenocorticism before and after treatment
- ESVE-P-14 Kiss Effects of bodyweight, age and pituitary hyperadrenocorticism on the adrenal gland size of dogs, measured by ultrasonography

ESVCN – European Society of Veterinary Comparative Nutrition

- ESVCN-P-1 Koizumi Studies on estimation of ideal body weight by morphometry in dogs

Brachycephalic morphotype quantitatively evaluated was not associated with pituitary tumor size in dogs with CD. Our results are in contrast with a previous study focusing on pituitary samples collected mainly by necropsy and embracing dog with and without CD. The sole inclusion of dogs with CD in our study may explain this discrepancy. A possible predisposition of BD to undifferentiated, rapidly growing non-functioning pituitary tumors remains to be assessed.

Disclosures

No disclosures to report.

ESVE-P-10

Critical illness-related corticosteroid insufficiency (CIRCI) in dogs with systemic inflammatory response syndrome (SIRS)

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Critical illness-related corticosteroid insufficiency (CIRCI) is an inadequate corticosteroid activity in relation to the patient's current degree of stress or illness. CIRCI occurs in 30-60% of critically-ill human patients and up to 48% of dogs with sepsis.

This study investigated the frequency of CIRCI in systemic inflammatory response syndrome (SIRS) dogs and associations between CIRCI and hypotension and mortality.

A single-center prospective study was performed between December 2016 and May 2017 (ethical approval n°63 711/2016). SIRS was diagnosed if dogs presented at least two of the following criteria at the admission in ICU: 1) rectal temperature > 39.0°C or < 38.0°C; 2) heart rate > 120 bpm; 3) respiratory rate > 20 bpm; 4) white blood cells < 6 × 10³/μL or > 16 × 10³/μL or > 3% of band neutrophils. Dogs were excluded if they have a history of or suspected adrenal illness or if they received glucocorticoids within the previous 72 hours or long acting formulations within the previous month or other drugs known to affect the hypothalamic-pituitary-adrenal axis.

ACTH stimulation test was performed in all dogs immediately after inclusion in the study and dogs with a Δ cortisol (difference between post-ACTH stimulation and basal cortisol) ≤ 3 μg/dL supported diagnosis of CIRCI. Non-invasive blood pressure (petMAP™graphic II, Ramsey Medical) was measured in all dogs and hypotension was defined as a mean arterial pressure (MAP) < 60 mmHg. Information about survival at 28 days after admission were collected. Dogs were divided into survivors and non-survivors. Dogs that were euthanized for financial reasons were excluded. D'Agostino-Pearson's test tested data for normality. Age, basal cortisol and MAP were compared between dogs with or without CIRCI. Δ cortisol, basal cortisol and MAP were compared between survivors and non-survivors using *t*-test. Association between CIRCI, hypotension and mortality were evaluated with Fisher's exact test. For all analyses, a *P*-value ≤ 0.05 was considered significant.

Twenty-one dogs met the inclusion criteria and were enrolled in the study. CIRCI and hypotension was detected in 10/21 (48%) and 7/21 (33%) dogs, respectively. Age, MAP, basal cortisol and hypotension were similar between dogs with or without CIRCI. 14/21 dogs (67%) died within 28 days from admission. As independent factor,

hypotension and basal hypercortisolemia were associated with higher risk of death (*P* = 0.04 and *P* = 0.0251, respectively).

CIRCI seems to occur frequently in SIRS dogs. However, only presence of hypotension or basal hypercortisolemia was associated with increased mortality risk.

Disclosures

No disclosures to report.

ESVE-P-11

Prednisolone induced hyperglycaemia and diabetes mellitus in cats

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Prednisolone is a commonly used drug in cats. Potential adverse effects include glucocorticoid-induced hyperglycaemia (GIH) and diabetes mellitus (GIDM) but predisposing factors for the development and the overall incidence rate of GIH and GIDM are currently unknown. The aims of this study were: (1) to evaluate the incidence rate of GIH and GIDM, and (2) evaluate for predisposing risk factors of GIH and GIDM in cats receiving prednisolone.

The electronic records of a tertiary referral centre were searched for cats receiving prednisolone at a dose of >1.9 mg/kg/day of >3 weeks duration, and that had follow-up data available of >6 weeks during a study period between January 2010 and June 2017. In total 143 cats were included in the study. Of these cats, 14 cats (9.8%) were diagnosed with GIH or GIDM. Nine cats (6.3%) developed GIDM, with 8 requiring insulin therapy and 1 was euthanized due to diabetic ketoacidosis. The remaining 5 cats (3.4%) were identified as GIH with none requiring insulin treatment. Twelve out of 14 cats (85.7%) developed GIH or GIDM within 3 months after the initiation of prednisolone therapy, the remaining two cats developed GIDM after 27 and 32 months. Four of the cats developing GIDM/GIH were < 2 years of age. Comparison between cats developing GIH or GIDM to those that did not, showed no statistical difference in the baseline (pre-prednisolone) blood glucose, presence of glucosuria, body weight and body condition score. A trend towards cats developing GIDM/GIH if receiving >3.0 mg/kg starting dose (OR 2.7) was seen, however this was not statistically significant (*P* 0.097).

We conclude that in a tertiary referral population, approximately 10% of cats receiving prednisolone develop GIH or GIDM. There was a trend towards cats receiving higher doses of prednisolone being more likely to develop GIH/GIDM.

Disclosures

No disclosures to report.

ESVE-P-12

Accuracy and precision of insulin administration using human and veterinary pen-injectors and syringes

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