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Short presentation

Jakob Willesen received his degree as Doctor of Veterinary Medicine (DVM) in 1999. Since year 2000 he has worked at the University Hospital for Companion Animals. In 2008 Jakob Willesen was awarded the PhD degree for his work with the French Heartworm (*Angiostrongylus vasorum*) in dogs.

Jakob Willesen's primary work and research are within the field of Internal Medicine in Companion Animals and comprises among others:

Clinical cardiology

Respiratory disease

Cardiopulmonary parasites

Jakob Willesen is also the editor of www.kardiologi.ku.dk

Potential conflict of interest:

Through our university employment we are often in collaboration with veterinary pharmaceutical companies. We have no personal or financial involvement in this projects.

As private person outside my activities at the university I do, on occasion, give lectures to dogs owners, veterinarians or companies as part of their training of employees.

Employment

Associate Professor

Section for Surgery, Neurology and Cardiology

Frederiksberg C

14 May 2000 → nu

Associate Professor

Section for Surgery, Neurology and Cardiology

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15 May 2000 → nu

Research outputs

ECHOCARDIOGRAPHY IN THIRTY AMERICAN FLAMINGOS (PHOENICOPTERUS RUBER) AND A CASE OF SUSPECTED NEURALLY MEDIATED REFLEX SYNCOPE

Schrøder, Anders Simon, Willesen, Jakob, Perrin, K. L., Bertelsen, Mads Frost & Koch, Jørgen, 5 Mar 2024, In: Journal of Zoo and Wildlife Medicine. 55, 1, p. 195-199 5 p.

Clinical bleeding diathesis, laboratory haemostatic aberrations and survival in dogs infected with *Angiostrongylus vasorum* : 180 cases (2005-2019)

Thomsen, A. S., Petersen, M. P., Willesen, Jakob, Bach, Maiken Bayer Thode, Kieler, Ida Nordang, Kristensen, Annemarie T., Koch, Jørgen & Nielsen, Lise Nikolic, 2024, In: Journal of Small Animal Practice. 65, 4, p. 234-242

Dirofilaria repens in a dog imported to Denmark: A potential for emerging zoonotic disease

Jensen, Asger Lundorff, Krogh, Anne Kirstine Havnsøe, Lundsgaard, J. F., Willesen, Jakob, Lyngby, Janne Graarup, Schrøder, Anders Simon, Bach, Maiken Bayer Thode & Berg, R. P. K. D., 2023, In: Veterinary Parasitology: Regional Studies and Reports. 41, 100872.

Evaluation of cardiac troponin I as a predictor of death in critically ill cats

Pelander, L., Bach, Maiken Bayer Thode, Ljungvall, I., Willesen, Jakob, Koch, Jørgen, Dreimanis, K., Telling, A., Damsgard, R. M., Ohlsson, Å., Häggström, J. & Langhorn, Rebecca, 2023, In: Journal of Veterinary Internal Medicine. 37, 2, p. 403-411

Epidemiology of heart disease in English Bull Terriers and echocardiographic characteristics of mitral valve abnormalities

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Hemostatic Dysfunction in Dogs Naturally Infected with *Angiostrongylus vasorum*—A Narrative Review

Willesen, Jakob, Langhorn, Rebecca & Nielsen, Lise Nikolic, 2022, In: Pathogens. 11, 2, 249.

Non-invasive assessment of left ventricular relaxation property using color M-mode-derived intraventricular pressure gradients in cats

Matsuura, K., Bach, Maiken Bayer Thode, Takahashi, K., Willesen, Jakob, Koch, Jørgen & Tanaka, R., 2022, In: Journal of Veterinary Cardiology. 41, p. 236-248

Outcome clinical audit: Analyses of interventional closure of patent ductus arteriosus in dogs

Martin, M., Pedro, B., Dickson, D., Neves, J., Harris, J., Martinez-Pereira, Y., Oliveira, M. I., Willesen, Jakob, Vatne, L., Culshaw, G. J. & Linney, C., 2022, In: Journal of Veterinary Cardiology. 43, p. 27-40 14 p.

Detection of congestive heart failure by mitral annular displacement in cats with hypertrophic cardiomyopathy – concordance between tissue Doppler imaging–derived tissue tracking and M-mode

Bach, Maiken Bayer Thode, Grevsen, J. R., Kiely, M. A. B., Willesen, Jakob & Koch, Jørgen, 2021, In: Journal of Veterinary Cardiology. 36, p. 153-168 16 p.

Transthoracic two-dimensional and three-dimensional echocardiography for the measurement of mitral valve area planimetry in English Bull Terriers with and without heart disease

Chompoosan, Chayanon, Schrøder, A. S., Bach, Maiken Bayer Thode, Møgelvang, R., Willesen, Jakob, Langhorn, Rebecca & Koch, Jørgen, 2021, In: Journal of Veterinary Cardiology. 36, p. 169-179 11 p.

Field safety and efficacy of an orally administered combination of sarolaner, moxidectin and pyrantel (Simparica Trio[®]) for the prevention of angiostrongylosis in dogs presented as veterinary patients

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Investigation into cardiovascular assessment of captive adult scarlet ibis (*Eudocimus ruber*)

Perrin, K. L., Willesen, Jakob, Koch, Jørgen, Langhorn, Rebecca, Krogh, Anne Kirstine Havnsøe, Nielsen, Søren Saxmose & Bertelsen, Mads Frost, Mar 2019, In: Journal of Zoo and Wildlife Medicine. 50, 1, p. 190-198

Thromboelastography-guided transfusion in dogs with hypocoagulable disorders: A case series

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A Virtual Veterinary Emergency Clinic: investigation of students perceptions and self-efficacy beliefs

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Cremer, Signe Emilie, Koch, Jørgen, Graversen, N., Gravgaard, Anne Sofie, Langhorn, Rebecca, Kristensen, Annemarie T., Willesen, Jakob & Nielsen, Lise Nikolic, 2018, In: Veterinary Clinical Pathology. 47, 3, p. 386-395 10 p.

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Global Measurement of coagulation in plasma from healthy cats – a potential tool for detection of thrombosis

Langhorn, Rebecca, Koch, Jørgen, Kristensen, Annemarie T., Willesen, Jakob, Graversen, N., Gravgaard, Anne Sofie & Nielsen, Lise Nikolic, 2018.

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Udredning og kirurgisk behandling: af en Cavalier King Charles-spaniel med et pulmonært fremmedlegeme

Nielsen, Michelle Brønne Møller, Willesen, Jakob, Müller, Anna V, Poulsen, Helle Harding & Miles, James Edward, 2018, In: Dansk Veterinaertidsskrift. 2018, 8, p. 32-36 5 p.

Left atrial volume and function in dogs with naturally occurring myxomatous mitral valve disease

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Perrin, K. L., Garner, M. M., Stidworthy, M. F., Langhorn, Rebecca, Willesen, Jakob, Koch, Jørgen & Bertelsen, Mads Frost, Jul 2016. 1 p.

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Cardiac troponins in dogs and cats

Langhorn, Rebecca & Willesen, Jakob, Jan 2016, In: Journal of veterinary internal medicine / American College of Veterinary Internal Medicine. 30, 1, p. 36-50 15 p.

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Breed differences in natriuretic peptides in healthy dogs

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Prediction of long-term outcome by measurement of serum concentration of cardiac troponins in critically ill dogs with systemic inflammation

Langhorn, Rebecca, Thawley, V., Oyama, M. A., King, L. G., Machen, M. C., Trafny, D. J., Willesen, Jakob, Tarnow, I. & Kjelgaard-Hansen, M., 2014, In: Journal of Veterinary Internal Medicine. 28, 5, p. 1492-1497 6 p.

Angiostrongylus vasorum – an update from the experts

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A coprological investigation of gastrointestinal and cardiopulmonary parasites in hunting dogs in Denmark

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Evaluation of a high-sensitivity assay for measurement of canine and feline serum cardiac troponin I

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Spontaneous pneumothorax secondary to granulomatous pneumonia caused by *Angiostrongylus vasorum* in a dog in Denmark

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Antibiotikavejledning til familiedyr

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Madsen, M. F., Toft, N., Houe, Hans, Granström, S. M. R., Willesen, Jakob & Koch, Jørgen, 2012, In: Veterinary Record. 170, 565, 5 p.

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Prevalence of hypertrophic cardiomyopathy in a cohort of British shorthair cats in Denmark

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Acute haemoabdomen associated with *Angiostrongylus vasorum* infection in a dog: a case report

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Hematological changes in 42 dogs naturally infected with Angiostrongylus vasorum

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Angiostrongylus vasorum (french heartworm) in dogs - epidemiological and clinical aspects

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1 Media contribution

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