

Jakob Willesen
Associate Professor, Associate Professor
Section for Surgery, Neurology and Cardiology
Section for Surgery, Neurology and Cardiology
Postal address:
Dyrlægevej 16, 1870 Frederiksberg C
Postal address:
Dyrlægevej 16
1870
Frederiksberg C
Email: jw@sund.ku.dk
Phone: +4540223993
Web address: <https://www.kardiologi.ku.dk>



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 Willesens 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

Frederiksberg C

15 May 2000 → nu

Research outputs

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
Chompoosan, Chayanon, Schrøder, A. S., Höllmer, M., Bach, Maiken Bayer Thode, Møgelvang, R., Willesen, Jakob, Langhorn, Rebecca & Koch, Jørgen, 2022, In: Journal of Small Animal Practice. 63, 5, p. 372-380 9 p.

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
Becksei, C., Willesen, Jakob, Schnyder, M., Wozniakiewicz, M., Miroshnikova, N. & Mahabir, S. P., 2020, In: Parasites and Vectors. 13, 1, 10 p., 385.

Genome wide association study of 40 clinical measurements in eight dog breeds
Momozawa, Y., Merveille, A. C., Battaille, G., Wiberg, M., Koch, Jørgen, Willesen, Jakob, Proschowsky, Helle Friis, Gouni, V., Chetboul, V., Tiret, L., Fredholm, Merete, Seppälä, E. H., Lohi, H., Georges, M. & Lequarré, A. S., 2020, In: Scientific Reports. 10, 6520.

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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
Langhorn, Rebecca, Bochsén, L., Willesen, Jakob, Sørensen, Tina Møller & Kristensen, Annemarie T., 2019, In: Acta Veterinaria Scandinavica. 61, 1, 8 p., 35.

A Virtual Veterinary Emergency Clinic: investigation of students perceptions and self-efficacy beliefs
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Analytical validation of platelet microparticle quantification in cats

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

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Interbreed variation in serum serotonin (5-hydroxytryptamine) concentration in updates healthy dogs

Hoglund, K., Haggstrom, J., Hanås, S., Merveille, A. -, Gouni, V., Wiberg, M., Willesen, Jakob, Mc Entee, K., Sorensen, L. M., Tired, L., Seppala, E. H., Lohi, H., Chetboul, V., Fredholm, Merete, Lequarre, A. - & Ljungvall, I., 2018, In: *Journal of Veterinary Cardiology*. 20, 4, p. 244-253

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

Höllmer, M., Willesen, Jakob, Tolver, Anders & Koch, Jørgen, Feb 2017, In: *Journal of Veterinary Cardiology*. 19, 1, p. 24-34 11 p.

Occurrence and clinical significance of *Aelurostrongylus abstrusus* and other endoparasites in Danish cats

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Performance of the Angio Detect™ in-clinic test kit for detection of *Angiostrongylus vasorum* infection in dog samples from Europe

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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.

Prevalence of *Aelurostrongylus abstrusus* in Danish Cats

Hansen, A., Vinther, L. M., Skarbye, L. K., Salling Olsen, C., Mejer, H. & Willesen, Jakob, Jul 2016. 1 p.

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Langhorn, Rebecca, Willesen, Jakob, Tarnow, I., Kjelgaard-Hansen, M. & Koch, Jørgen, 13 Apr 2016, In: *Veterinary Record*. 178, 21, 2 p., 532.

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Genotype-phenotype correlation between the cardiac myosin binding protein C mutation A31P and hypertrophic cardiomyopathy in a cohort of Maine Coon cats: a longitudinal study

Granström, S. M. R., Godiksen, M. T. N., Christiansen, M., Pipper, C. B., Martinussen, Torben, Møgelvang, R., Søgaard, P., Willesen, Jakob & Koch, Jørgen, Dec 2015, In: Journal of Veterinary Cardiology. 17, Suppl. 1, p. S268-S281 14 p.

Occurrence of *Aelurostrongylus abstrusus* (Railliet, 1898) in Danish cats: A modified lung digestion method for isolating adult worms

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The shepherds' tale: a genome-wide study across 9 dog breeds implicates two loci in the regulation of fructosamine serum concentration in Belgian shepherds

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Willesen, Jakob, Rahbek, C. & Koch, Jørgen, 5 Jul 2014. 1 p.

Breed differences in natriuretic peptides in healthy dogs

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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

Langhorn, Rebecca, Willesen, Jakob, Tarnow, I. & Kjelgaard-Hansen, M., 2013, In: *Veterinary Clinical Pathology*. 42, 4, p. 490-498 9 p.

Left atrial volume and phasic function in clinically healthy dogs of 12 different breeds

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Prognostic importance of myocardial injury in critically ill dogs with systemic inflammation

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Spodsberg, E. H., Miles, James Edward, McEvoy, Fintan & Willesen, Jakob, 2013, In: *Journal of Small Animal Practice*. 54, 2, p. 114 1 p.

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Canine Cardiac Troponin I Significantly Complements Established Prognostic Composite Score In Dogs With Systemic Inflammation.

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Clinical implications of infection with a novel metastrongyloid species in the red panda (*Ailurus fulgens*)

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Aortic stenosis in the Dogue de Bordeaux

Höllmer, M., Willesen, Jakob, Tolver, Anders & Koch, Jørgen, 2008, In: Journal of Small Animal Practice. 49, 9, p. 432-437 6 p.

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Kjelgaard-Hansen, M. J., Luntang-Jensen, M., Willesen, Jakob & Jensen, Asger Lundorff, 2007, In: *Veterinary Journal*. 173, 2, p. 361-365 5 p.

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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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Willesen, Jakob, Jensen, Asger Lundorff, Kristensen, Annemarie T., Kjelgaard-Hansen, M. J., Jessen, R. & Koch, Jørgen, 2005, *In the context of biodiversity and health: programme, list of participants & abstracts*. p. 13 1 p.

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Willesen, Jakob (Lecturer)

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3rd International *Angiostrongylus vasorum* symposium

Willesen, Jakob (Speaker)

2 Jul 2014 → 4 Jul 2014

ACVIM

Willesen, Jakob (Speaker)

4 Jun 2014 → 7 Jun 2014

***Angiostrongylus vasorum* - what is it and why you should worried**

Willesen, Jakob (Lecturer)

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***Angiostrongylus vasorum* - why care in Scandinavia?**

Willesen, Jakob (Lecturer)

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BSAVA

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BSAVA

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Kardiopulmonære nematoder hos hund og kat

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Willesen, Jakob (Lecturer)

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Jakob Willesen

12/03/2005

1 Media contribution

Parasit truer hundes helbred

Jakob Willesen

26/11/2005

1 Media contribution

2023	Lorem ipsum dolor sit amet
2022	Lorem ipsum dolor sit amet
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2020	Lorem ipsum dolor sit amet
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