

## Scientific Publications Iris van Soens

De Decker S., **Van Soens I.**, Tshamala M., Gielen I., Saunders J., Polis I., Bhatti S., Van Meervenve S., Van Ham L. Spinal arachnoid cysts in dogs: a retrospective study of 14 cases. *Flemish Veterinary Journal* 75:153-164, 2006

Gadeyne C., De Decker S., **Van Soens I.**, Bhatti S., Van Meervenve S., Martlé V., Saunders J., Polis I., Van Ham L. Fibrocartilaginous embolism: a retrospective study of 57 suspected cases. *Flemish Veterinary Journal* 76:117-123, 2007

De Decker S., **Van Soens I.**, Haers H., Tshamala M., Waelbers T., Bhatti S., Van Ham L. Complications in a dog with disc associated wobbler syndrome. *Flemish Veterinary Journal* 78: 148-152, 2008

Van Meervenve S., Bhatti S., Martlé V., **Van Soens I.**, Bosmans T., Gielen I., Van Ham L. Hemifacial spasm associated with an intracranial mass in two dogs *Journal of Small Animal Practice*. 49(9):472-5, 2008

**Van Soens I.**, Polis I., Struys M., Nijs J., Bhatti S., Van Ham, L. Magnetic stimulation of peripheral nerves in normal dogs: a pilot study. *The Veterinary Journal* 178(2):288-90, 2008.

Verhaeghe A., **Van Soens I.**, Bhatti S., Van Ham L. Dystrofinedeficiëntie bij hond en kat: een literatuurstudie. *Flemish Veterinary Journal* 77: 227-237, 2008.

Ameel L., Martlé V., Van Meervenve S., **Van Soens I.**, Vanhaesebrouck A., Bhatti S., De Decker S., Tshamala M., Paulissen W., Van Ham L. Discospondylitis in the dog: a retrospective study of 18 cases. *Flemish Veterinary Journal* 78: 347-353, 2009.

De Decker S., Bhatti S., Duchateau L., Tshamala M., Martlé V., **Van Soens I.**, Van Meervenve S., Saunders J., Van Ham L. Clinical evaluation of 51 dogs treated conservatively for disc associated wobbler syndrome. *Journal of Small Animal Practice* 50(3), 136-142, 2009

De Decker S., Tshamala M., Bhatti S., **Van Soens I.**, Saunders J., Waelbers T., L. Van Ham L. Surgical treatment of disc associated wobbler syndrome by a standard ventral slot technique: a retrospective study of 12 cases. *Flemish Veterinary Journal*, 78: 338-345, 2009.

Martlé V., Caemaert J., Tshamala M, **Van Soens I.**, Bhatti S., Gielen I., Piron K., Chiers K., Tiemessen I., Van Ham L. Successful surgical Treatment of a Canine Intranasal Meningoencephalocele. *Veterinary Surgery* 38(4), 515-519, 2009

Naert L., Van Meervenve S., **Van Soens I.**, Bhatti S., Martlé V., De Decker S., Vanhaesebrouck A., Van Ham L. Retrospective study of 20 dogs and 1 cat with tetanus (2001-2008). *Flemish Veterinary Journal* 78: 91-96, 2009

**Van Soens I.**, Struys M., Polis I., Tshamala M., Nollet H., Bhatti S., Van Ham L. Effects of sedative and hypnotic drug combinations on transcranial magnetic motor evoked potential, bispectral index and ARX-derived auditory evoked potential index in dogs. *The Veterinary Journal* 181: 163-170, 2009

**Van Soens I.**, Struys M., Polis I., Bhatti S., Van Meervenve S., Martlé V., Nollet H., Tshamala M., Vanhaesebrouck A., Van Ham L. Magnetic stimulation of the radial nerve in dogs and cats with brachial plexus trauma: a report of 53 cases. *The Veterinary Journal* 182, 108-113, 2009

**Van Soens, I.**, Mols, N., Van Meervenve, S., Bilzer, T., Binst, D., Verhaeghe, A., Saunders, J., Van Ham, L. A case of muscular dystrophy in a Belgian cat. *Flemish Veterinary Journal* 78: 111-116, 2009

Bolckmans A., Gielen I., **Van Soens I.**, Bhatti S., Poncelet L., Chiers K., Van Ham L. Necrotising encephalitis in the Yorkshire Terrier: a retrospective study (1990-2008). *Flemish Veterinary Journal* 79:452-459, 2010.

De Decker S., Gielen I., Duchateau L., **Van Soens I.**, Bavegems V., Bosmans T., Van Bree H., Van Ham L. Low field magnetic resonance imaging (MRI) findings of the caudal cervical region in clinically normal Doberman Pinschers and Foxhounds. *American Journal of Veterinary Research* 71:428-434, 2010

De Decker S., Gielen I., Duchateau L., Oevermann A., Polis I., **Van Soens I.**, Van Bree H., Van Ham L. Evolution of clinical signs and predictors of outcome after conservative treatment for disk associated cervical spondylomyelopathy in dogs. *Journal of the American Veterinary Medical Association* accepted December 2010

Vanhaesebrouck A., Bhatti S., Bavegems V., Gielen I., **Van Soens I.**, Vercauteren G., Polis I., Van Ham L. Inspiratory stridor secondary to palatolingual myokymia in a Maltese dog. *Journal of Small Animal Practice* 51: 173-175, 2010

Vanhaesebrouck A., **Van Soens I.**, Poncelet L., Duchateau L., Bhatti S., Polis I., Diels S., Van Ham L. Clinical and Electrophysiological Characterization of Myokymia and Neuromyotonia in Jack Russell Terriers. *Journal of Veterinary Internal Medicine* 24:882-889, 2010.

**Van Soens I.**, Struys M., Van Ham L. Muscle potentials evoked by magnetic stimulation of the sciatic nerve in unilateral sciatic nerve dysfunction. *Journal of Small Animal Practice* 51: 275-279, 2010

Bhatti S., Vanhaesebrouck A., **Van Soens I.**, Martlé V., Polis I., Rusbridge C., Van Ham L. Myokymia and neuromyotonia in 37 Jack Russell Terriers. *The Veterinary Journal* 189: 284-288, 2011

De Decker S., Gielen I., Duchateau L., Lang J., Dennis R., Menendez N., Van Bree H., **Van Soens I.**, Binst D., Waelbers T., Van Ham L. Intra and interobserver agreement of low field magnetic resonance imaging in dogs with and without clinical signs of disk associated wobbler syndrome: a randomized, blinded study. *Journal of the American Veterinary Medical Association* 238:74-80, 2011

De Decker S., **Van Soens I.**, Duchateau L., Gielen I., Van Bree H., Binst D., Waelbers T., Van Ham L. Transcranial magnetic stimulation in Doberman Pinschers with clinically relevant and irrelevant spinal cord compression due to disk associated wobbler syndrome. *Journal of the American Veterinary Medical Association* 238:81-8, 2011

**Van Soens I.** and Van Ham L. Assessment of motor pathways by magnetic stimulation in human and veterinary medicine. *The Veterinary Journal* 187: 174-181, 2011

De Decker S., Gielen I.M., Duchateau L., Oevermann A., Polis I., **Van Soens I.**, van Bree H.J., Van Ham L.M. Evolution of clinical signs and predictors of outcome after conservative medical treatment for disk-associated cervical spondylomyelopathy in dogs. *Journal of the American Veterinary Medical Association* 240(7):848-57, 2012.

Vanhaesebrouck A.E., Maes S., **Van Soens I.**, Baeumlin Y., Saey V., Van Ham L.M. Bilateral obturator neuropathy caused by an intrapelvic fibrosarcoma with myofibroblastic features in a dog. *Journal of Small Animal Practice*. 53(7):423-7, 2012.

**Van Soens I.**, Struys M.M., Bhatti S.F., Van Ham L.M. Reference values and clinical application of magnetic peripheral nerve stimulation in cats. *Veterinary Journal* 193(1):290-2, 2012.

Mauler D.A., **Van Soens I.**, Bhatti S.F., Cornelis I., Martlé V.A., Van Ham L.M. Idiopathic generalised tremor syndrome in two cats. *Journal of Feline Medicine and Surgery* 16(4):378-80, 2014.

Bossens K., Bhatti S., **Van Soens I.**, Gielen I., Van Ham L. Diffuse idiopathic skeletal hyperostosis of the spine in a nine-year-old cat. *Journal of Small Animal Practice*. 57(1):33-5, 2016.

**Van Soens I.**, De Vlaminck C., Pille F., Vlaminck L., Duchateau L., Van Ham L. Recording of cord dorsum potentials in calves. *Research in Veterinary Science*. 102:100-2, 2015.

Girod M., Allerton F., Gommeren K., Tutunaru A.C., de Marchin J., **Van Soens I.**, Ramery E., Peeters D. Evaluation of the effect of oral omeprazole on canine cerebrospinal fluid production: A pilot study. *The Veterinary Journal*, 209:119-24, 2016.

Royaux E, Van Ham L, Broeckx BJ, **Van Soens I.**, Gielen I, Deforce D, Bhatti SF. Phenobarbital or potassium bromide as an add-on antiepileptic drug for the management of canine idiopathic epilepsy refractory to imepitoin. *The Veterinary Journal*, 220:51-54, 2017

## Proceedings

Peremans K., Audenaert K., **Van Soens I.**, Jacobs F., Blanckaert P., Van Bree H., Verschooten F., Slegers G., Dierckx R., 2002. Age-related changes in regional cerebral blood flow and binding index of the 5-HT<sub>2A</sub> receptor in the canine brain. 49th Annual Meeting of the Society of Nuclear medicine. European Journal of Nuclear Medicine, 29, suppl 1, S385.

Van Ham L., Bhatti S., Vermeersch K., **Van Soens I.**, Muyshondt L., 2004. Continuous muscle fiber activity in Jack Russell terriers. Proceedings of the 22<sup>nd</sup> Annual Veterinary Medical Forum, Minneapolis, USA.

Van Ham L., Nollet H., Bhatti S., Vermeersch K., **Van Soens I.**, Muyshondt L., 2004. Magnetic stimulation: uses and experience in veterinary medicine. Proceedings of the 22<sup>nd</sup> Annual Veterinary Medical Forum (American College of Veterinary Internal Medicine), Minneapolis, USA.

**Van Soens I.**, Bhatti S., Gielen I., Van Ham L., 2004. Dandy-Walker like syndrome in an adult cat and a kitten. Proceedings of the XVII Symposium of the ESVN: Large and Exotic Animal Neurology, Glasgow, Scotland.

Van Meervenne S., **Van Soens I.**, Bhatti S., Gielen I., Polis I., De Vos J., Van Ham L., 2005. Survival times in 50 dogs with intracranial masses after lomustine therapy. Proceedings of the XVIII Symposium of the ESVN: Nervous system Regeneration, München, Germany.

**Van Soens I.**, Van Meervenne S., Bilzer T., Tshamala M., Van Ham L., 2005. Dancing Maltese terrier disease. Proceedings of the XVIII Symposium of the ESVN: Nervous system Regeneration, München, Germany.

**Van Soens I.**, Struys M., Polis I., Tshamala M., Van Ham L., 2006. Effects and monitoring of sedation and anesthesia for transcranial magnetic motor evoked potentials in dogs. Proceedings of the XIX Symposium of the ESVN: Neuroimaging, Barcelona, Spain.

Martlé V., Caemaert J., Tshamala M., **Van Soens I.**, Bhatti S., Gielen I., Piron K., Chiers K., Tiemessen I., Van Ham L., 2007. Successful surgical treatment of a canine intranasal meningoencephalocoele. Proceedings of the XX Symposium of the ESVN: Infectious and inflammatory diseases of the nervous system, Bern, Switzerland.

Van Meervenne S., Bhatti S., Martlé V., **Van Soens I.**, Bosmans T., Gielen I., Van Ham L., 2007. Hemifacial spasm associated with an intracranial mass in two dogs. Proceedings of the XX Symposium of the ESVN: Infectious and inflammatory diseases of the nervous system, Bern, Switzerland.

**Van Soens I.**, Struys M., Polis I., Bhatti S., Van Meervenne S., Martlé V., Nollet H., Tshamala M., Vanhaesebrouck A., Van Ham L., 2007. Magnetic stimulation of the radial nerve in dogs and cats with unilateral brachial plexus trauma: 53 cases. Proceedings of the XX Symposium of the ESVN: Infectious and inflammatory diseases of the nervous system, Bern, Switzerland.

De Decker S., Caemaert J., Tshamala M., Bosmans T., Gielen I., **Van Soens I.**, Van Ham L., 2008. Surgical treatment of disc associated wobbler syndrome by a distractable, intervertebral titanium cage: a preliminary study of 5 cases. Proceedings of the 21th Annual Symposium of the European Society of Veterinary Neurology, Rhodes, Greece.

De Decker S., Bhatti, S., Duchateau L., Tshamala M., Martlé V., **Van Soens I.**, Van Meervenne S., Saunders J., Van Ham L., 2008 Clinical evaluation of 51 dogs treated conservatively for disc associated wobbler syndrome. Proceeding of the XXI Symposium of the ESVN, Rhodes, Greece

De Decker S., Bhatti S., Duchateau L., Tshamala m., Martlé V., **Van Soens I.**, Van Meervenne S., Saunders J., Van Ham L., 2008. Short and long term outcome in 63 dogs treated conservatively or surgically for disc associated wobbler syndrome. Proceedings of the 26th Annual Veterinary Medical Forum (American College of Veterinary Internal Medicine), San Antonio, Texas, USA.

De Decker S., Gielen I., Duchateau L., **Van Soens I.**, Bavegems V., Polis I., van Bree H., Van Ham L., 2009. Low field magnetic resonance imaging (MRI) in clinically normal Doberman Pinschers and Foxhounds in the caudal cervical region. Proceedings of the ACVIM Forum & Canadian Veterinary Medical Association Convention, Montréal, Canada, Journal of Veterinary Internal Medicine 23:709

De Decker S., Gielen I., Duchateau L., Lang J., Dennis R., Corzo-Menéndez N., van Bree H., **Van Soens I.**, Binst D., Waelbers T., Van Ham L., 2009. Low field magnetic resonance imaging in dogs with and without clinical signs of disc associated wobbler syndrome: a randomized, blinded study. Proceedings of the XXII Symposium of the ESVN: Neuro-oncology, Bologna, Italy.

De Decker S., **Van Soens I.**, Duchateau L., Gielen I., van Bree H., Binst D., Waelbers T., Van Ham L., 2009. Transcranial magnetic stimulation in Doberman Pinschers with and without clinical signs of disc associated wobbler syndrome: useful tool to differentiate between clinically relevant and irrelevant spinal cord compression? Proceedings of the XXII Symposium of the ESVN: Neuro-oncology, Bologna, Italy.

Vanhaesebrouck A., Poncelet L., **Van Soens I.**, Duchateau L., Schenk H., Polis I., Bhatti S., Diels S., Van Ham L., 2009. Generalized myokymia and neuromyotonia in Jack Russell Terriers: a clinical and electrophysiological study. Proceedings of the XXII Symposium of the ESVN: Neuro-oncology, Bologna, Italy.

**Van Soens I.**, De Vlamynck C., Pille F., Vlamincck L., Van Ham L. Recording of cord dorsum potentials in calves, 2013. Proceedings of the XXVI Symposium of the ESVN: Neuro-emergency and critical care, Paris, France.