RÉFÉRENCES BIBLIOGRAPHIQUES COMPLÈTES

1. **Richard L. Meeson, Rory J. Todhunter, Gordon Blunn, George Nuki and Andrew A.** Pitsillides Spontaneous dog osteoarthritis — a One Medicine vision. Nature Reviews Rheumatology 2019;15:273–287.

2. **Wright A, Amodie D, Cernicchiaro N, Lascelles B, Pavlock A. PVM1** Diagnosis and treatment rates of osteoarthritis in dogs using a health risk assessment (HRA) or health questionnaire for osteoarthritis in general veterinary practice. Presented at The International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA, May 20, 2019.

3. **Johnston SA.** Osteoarthritis: Joint anatomy, physiology, and pathobiology. Vet Clin North Am: Small Anim Pract 1997;27:699-723.

4. **Enomoto M, Mantyh PW, Murrell J, Innes JF, Lascelles XBD.** Anti-nerve growth factor monoclonal antibodies for the control of pain in dogs and cats. Vet Rec. 2019 Jan 5;184(1):23.

5. **Hochman JR, Gagliese L, Davis AM, Hawker GA.** Neuropathic pain symptoms in a community knee OA cohort. Osteoarthritis Cartilage 2011 Jun;19(6):647-54.

6. **Raja SN, Carr DB, Cohen M, Finnerup NB, Flor H, Gibson S, Keefe FJ, Mogil JS, Ringkamp M, Sluka KA, Song XJ, Stevens B, Sullivan MD, Tutelman PR, Ushida T, Vader K.** The revised International Association for the Study of Pain definition of pain: concepts, challenges, and compromises. Pain 2020 Sep 1;161(9):1976-1982.

7. **Treede RD, Rief W, Barke A, Aziz Q, Bennett MI, Benoliel R, Cohen M, Evers S, Finnerup NB, First MB, Giamberardino MA, Kaasa S, Korwisi B, Kosek E, Lavand'homme P, Nicholas M, Perrot S, Scholz J, Schug S, Smith BH, Svensson P, Vlaeyen JWS, Wang SJ.** Chronic pain as a symptom or a disease: the IASP Classification of Chronic Pain for the International Classification of Diseases (ICD-11). Pain 2019 Jan;160(1):19-27.

8. *https://icd.who.int/browse11/l-m/en#/http://id.who.int/icd/entity/1581976053*

9. **Simonnet G., Laurent B., Le Breton D.** L'homme douloureux, Edition Odile Jacob, Novembre 2018.

10. **Delorme J.** Evaluation de la douleur et du mésusage de la buprénorphine et de la méthadone chez les patients dépendants aux opioïdes substitués, Thèse Docteur université spécialité neuropsychopharmacologie, Université Clermont Auvergne, 17 décembre 2019.

11. **Basbaum AI, Bautista DM, Scherrer G, Julius D.** Cellular and molecular mechanisms of pain. Cell. 2009 Oct 16;139(2):267-84.

12. **Cohen I, Lema MJ.** What's new in chronic pain pathophysiology. Can J Pain 2020 Dec 30;4(4):13-18.

13. **Chenaf C, Delorme J, Delage N, Ardid D, Eschalier A, Authier N.** Prevalence of chronic pain with or without neuropathic characteristics in France using the capture-recapture method: a population-based study. Pain 2018 Nov;159(11):2394-2402.

14. **Petersen-Felix S, Curatolo M.** Neuroplasticity--an important factor in acute and chronic pain. Swiss Med Wkly 2002 Jun 1;132(21-22):273-8.

15. **Ji RR, Berta T, Nedergaard M.** Glia and pain: is chronic pain a gliopathy? Pain 2013 Dec;154 Suppl 1(0 1):S10-S28.

16. **Seifert O, Baerwald C.** Interaction of pain and chronic inflammation. Z Rheumatol. 2021 Apr;80(3):205-213.

17. **Liem L, van Dongen E, Huygen FJ, Staats P, Kramer J.** The Dorsal Root Ganglion as a Therapeutic Target for Chronic Pain. Reg Anesth Pain Med. 2016 Jul-Aug;41(4):511-9.

18. **Berger AA, Liu Y, Possoit H, Rogers AC, Moore W, Gress K, Cornett EM, Kaye AD, Imani F, Sadegi K, Varrassi G, Viswanath O, Urits I.** Dorsal Root Ganglion (DRG) and Chronic Pain. Anesth Pain Med. 2021 Mar 28;11(2):e113020.

19. **Trouvin AP, Perrot S.** Pain in osteoarthritis. Implications for optimal management. Joint Bone Spine 85 (2018) 429–434.

20. **Eitner A, Hofmann GO, Schaible H-G.** Mechanisms of Osteoarthritic Pain. Studies in Humans and Experimental Models. Front. Mol. Neurosci (2017). 10:349.

21. **Denk F, Bennett D, McMahon SB.** Nerve Growth Factor and Pain Mechanisms. Annu. Rev. Neurosci. 2017. 40:307–25.

22. **Schmelz M, Mantyh P, Malfait A-M, Farrar J, Yaksh T, Tivef L, Viktrup L.** Nerve growth factor antibody for the treatment of osteoarthritis pain and chronic low-back pain: mechanism of action in the context of efficacy and safety. Pain (2019) 160 2210–2220.

23. **Stoppiello LA, Mapp PI, Wilson D, Hill R, Scammell BE, Walsh DA.** Structural associations of symptomatic knee osteoarthritis. Arthritis Rheumatol 2014;66:3018–27.

24. **Minnone G, De Benedetti F, Bracci-Laudiero L.** NGF and Its Receptors in the Regulation of Inflammatory Response. Int J Mol Sci. 2017 May 11;18(5):1028.

25. **Suokas AK, Walsh DA, McWilliams DF, Condon L, Moreton B, Wylde V, Arendt-Nielsen L, Zhang W.** Quantitative sensory testing in painful osteoarthritis: a systematic review and meta-analysis. Osteoarthr Cartil 2012;20:1075–85.

26. **Bergson H.** Oeuvres complètes et annexes, Arvensa Editions, 2019.

27. **Calvino P.** Physiologie moléculaire de la douleur, Doin (Montrouge), 2019 p 30.

28. **Darwin C.** L'expression des émotions chez l'homme et les animaux, Rivages, septembre 2001.

29. **Gilbert C, Titeux E, Michalon J, Pignon C, Poitte T, Rosaci F.** Livre blanc le bien-être de l'animal de compagnie CAP Welfare, 2019, édition CAP Welfare.

30. **Morel, V, Pickering, G.** Impact de la douleur sur les processus cognitifs chez l'homme (2013). Douleur et analgésie, 26, 11-16.

31. **Estévez-López F, Gray CM, Segura-Jiménez V, Soriano-Maldonado A, Álvarez-Gallardo IC, Arrayás-Grajera MJ, Carbonell-Baeza A, Aparicio VA, Delgado-Fernández M, Pulido-Martos M.** Independent and combined association of overall physical fitness and subjective well-being with fibromyalgia severity: the al-Ándalus project (2015). Quality of Life Research, 24(8), 1865-1873.

32. **Fernandez E, Clark, TS, Rudick-Davis D.** A framework for conceptualizing and assessment of affective disturbance in pain. Dans A. R. Block, E. F. Kremer, & E. Fernandez (Éds), Handbook of pain syndromes: Biopsychosocial perspectives, 1998 (pp.123-147).

33. **Fernandez E, Turk DC.** The scope and signifiance of anger in the experience of chronic pain. Pain, 1995, 61, 165-175.

34. Greenberg LS, Paivio SC. Working with emotions in psychotherapy (1997). New York: Guilford Press.

35. Zelman DC, Howland EW, Nichols SN, Cleeland CS. The effects of induced mood on laboratory pain. Pain 1991, 46, 105–111.

36. Perrig S, Espa-Cervena K, Pepin JL. Troubles du sommeil et douleur: le bon hypnotique. Revue Med Suisse 2011 ; 7 :1414-20.

37. Charon R. Médecine narrative : rendre hommage aux histoires de maladies, Sipayat, 2015.

38. Lascelles BDX, Hansen BD, Roe S, De Puy V, Thomson A, Pierce CC, Smith ES, Rowinski E. Evaluation of client-specific outcome measures and activity monitoring to measure pain relief in cats with osteoarthritis. J Vet Intern Med. May-Jun 2007;21(3):410-6.

39. Brown DC, Boston RC, Coyne JC, Farrar JT. Ability of the canine brief pain inventory to detect response to treatment in dogs with osteoarthritis. J Am Vet Med Assoc. 2008 Oct 15;233(8):1278-83.

40. Corral MJ, Moyaert H, Fernandes T, Escalada M, Kira S Tena J, Walters RR, Stegemann MR. A prospective, randomized, blinded, placebo-controlled multisite clinical study of bedinvetmab, a canine monoclonal antibody targeting nerve growth factor, in dogs with osteoarthritis. Vet Anaesth Analg. 2021 Aug 22:S1467-2987(21)00201-4.

41. Sanghi D, Avasthi S, Mishra A, Singh A, Agarwal S, Srivastana R N. Is radiology a determinant of pain, stiffness, and functional disability in knee osteoarthritis? A cross-sectional study. J Orthop Sci 2011;16:719-25.

42. Kubassova O, Boesen M, Peloschek P, Langs G, Cimmino M A, Bliddal H, Torp-Pedersen S. Quantifying disease activity and damage by imaging in rheumatoid arthritis and osteoarthritis. Ann N Y Acad Sci 2009;1154:207-38.

43. Benito J, Depuy V, Hardie E, Zamprogno H, Thomson A, Simpson W, Roe S, Hansen B, Lascelles BDX. Reliability and discriminatory testing of a client- based metrology instrument, feline musculoskeletal pain index (FMPI) for the evaluation of degenerative joint disease-associated pain in cats. Vet J 2013 Jun 196: 368-373.

44. Enomoto M, Lascelles BDX, Gruen ME. Development of a checklist for the detection of degenerative joint disease-associated pain in cats. J Feline Med Surg. 2020 Dec;22(12):1137-1147.

45. Clarke SP, Bennett D. Feline osteoarthritis: a prospective study of 28 cases. J. Small. Anim. Pract. 2006;47 (8):439-45.

46. Tan HS, Habib AS. Oliceridine: A Novel Drug for the Management of Moderate to Severe Acute Pain – A Review of Current Evidence. Journal of Pain Research 2021:14 969–979.

47. Spiler NM, Rork TH, Merrill GF. An old drug with a new purpose: cardiovascular actions of acetaminophen (paracetamol). Curr Drug Targets Cardiovasc Haematol Disord. 2005; 5 (5): 419–429.

48. Merrill GF, Merrill JH, Golfetti R, Jaques KM, Hadzimichalis NS, Baliga SS, et al. Antiarrhythmic properties of acetaminophen in the dog. Exp Biol Med. 2007; 232 (9): 1245–1252.

49. Headrick JP, See Hoe LE, Du Toit EF, Peart JN. Opioid receptors and cardioprotection – 'opioidergic conditioning' of the heart. Br J Pharmacol. 2015 Apr; 172(8): 2026–2050.

50. Berry SH. Analgesia in the perioperative period. Vet Clin North Am Small Anim Pract. 2015; 45 (5): 1013–1027.

51. Serrano RJM, Mengual C, Quirós CS, Fernández J, Domínguez JM, Serrano CJM, et al. Comparative pharmacokinetics and a clinical laboratory evaluation of intravenous acetaminophen in Beagle and Galgo Español dogs. Vet Anaesth Analg. 2019 Mar;46(2):226-235.

52. Benitez ME, Roush JK, McMurphy R, KuKanich B, Legallet C. Clinical efficacy of hydrocodone-acetaminophen and tramadol for control of postoperative pain in dogs following tibial plateau leveling osteotomy, Am J Vet Res. 2015 Sep;76(9):763-70.

53. Hernández-Avalos I, Valverde A, Ibancovichi-Camarillo JA, Sánchez-Aparicio P, Recillas-Morales S, Osorio-Avalos J, Rodríguez-Velázquez D, Miranda-Cortés AE. Clinical evaluation of postoperative analgesia, cardiorespiratory parameters and changes in liver and renal function tests of paracetamol compared to meloxicam and carprofen in dogs undergoing ovariohysterectomy, PLoS One 2020 Feb 14;15(2):e0223697.

54. Blancquaert JP, Lefebvre RA, Willems JL. Emetic and antiemetic effects of opioids in the dog. European J Pharmacol 1986 Sep; 128(3):143-150.

55. Lester PA, Traynor JR. Comparison of the in vitro efficacy of mu, delta, kappa and ORL1 receptor agonists and non-selective opioid agonists in dog brain membranes. Brain Res. 2006 Feb 16;1073-1074:290-6.

56. Kongara K. Pharmacogenetics of opioid analgesics in dogs. J Vet Pharmacol Ther 2018 Apr;41(2):195-204.

57. Ramaswamy S, Langford RM. Antinociceptive and immunosuppressive effect of opioids in an acute postoperative setting: an evidence-based review. BJA Education 2017 Mar;17(3):105-110.

58. Stein C. Opioid Receptors. Annu Rev Med. 2016;67:433-51.

59. Del Vecchio G, Spahn V, Stein C. Novel Opioid Analgesics and Side Effects. ACS Chem Neurosci. 2017 Aug 16;8(8):1638-1640.

60. Stein C. New concepts in opioid analgesia. Expert Opin Investig Drugs. 2018 Oct;27(10):765-775.

61. Stein C, Pflüger M, Yassouridis A, Hoelzl J, Lehrberger K, Welte C, Hassan AH. No tolerance to peripheral morphine analgesia in presence of opioid expression in inflamed synovia. J Clin Invest. 1996 Aug 1;98(3):793-9.

62. Kolesnikov YA, Jain S, Wilson R, Pasternak GW. Peripheral morphine analgesia: synergy with central sites and a target of morphine tolerance. J Pharmacol Exp Ther. 1996 Nov;279(2): 502-6.

63. Colloca L, Ludman T, Bouhassira D, Baron R, Dickenson AH, Yarnitsky D, Freeman R, Truini A, Attal N, Finnerup NB, Eccleston C, Kalso E, Bennett DL, Dworkin RH, Raja SN. Neuropathic pain. Nat Rev Dis Primers. 2017 Feb 16;3:17002.

64. Simon BT, Steagall PV. The present and future of opioid analgesics in small animal practice. J Vet Pharmacol Ther. 2017 Aug;40(4):315-326.

65. Whiting PF, Wolff RF, Deshpande S. Cannabinoids for Medical Use : A Systematic Review and Meta-analysis. JAMA. 2015;313(24):2456-2473.

66. Chizh BA, Headley PM. NMDA antagonists and neuropathic pain--multiple drug targets and multiple uses. Curr Pharm Des. 2005;11(23):2977-94.

67. Wood PL. The NMDA receptor complex: a long and winding road to therapeutics. IDrugs. 2005 Mar;8(3):229-35.

68. Yang Y, Maher DP, Cohen SP. Emerging concepts on the use of ketamine for chronic pain. Expert Rev Clin Pharmacol. 2020 Feb;13(2):135-146.

69. Kaka U, Saifullah B, Abubakar AA, Goh YM, Fakurazi S, Kaka A, Behan AA, Ebrahimi M, Chen HC. Serum concentration of ketamine and antinociceptive effects of ketamine and ketamine-lidocaine infusions in conscious dogs. BMC Vet Res. 2016 Sep 9;12(1):198.

70. Wagner AE, Walton JA, Hellyer PW, Gaynor JS, Mama KR. Use of low doses of ketamine administered by constant rate infusion as an adjunct for postoperative analgesia in dogs. J Am Vet Med Assoc. 2002 Jul 1;221(1):72-5.

71. Boscan P, Pypendop BH, Solano AM, Ilkiw JE. Cardiovascular and respiratory effects of ketamine infusions in isoflurane-anesthetized dogs before and during noxious stimulation. Am J Vet Res. 2005 Dec;66(12):2122-9.

72. Soares PCLR, Corrêa JMX, Niella RV, de Oliveira JNS, Costa BA, Silva Junior AC, Sena AS, Pinto TM, Munhoz AD, Martins LAF, Silva EB, Lavor MSL. Continuous Infusion of Ketamine and Lidocaine Either with or without Maropitant as an Adjuvant Agent for Analgesia in Female Dogs Undergoing Mastectomy. Vet Med Int. 2021 Jan 26;2021:4747301.

73. Love L, Egger C, Rohrbach B, Cox S, Hobbs M, Doherty T. The effect of ketamine on the MACBAR of sevoflurane in dogs. Vet Anaesth Analg. 2011 Jul;38(4):292-300.

74. Aguado D, Benito J, Gómez de Segura IA. Reduction of the minimum alveolar concentration of isoflurane in dogs using a constant rate of infusion of lidocaine-ketamine in combination with either morphine or fentanyl. Vet J. 2011 Jul;189(1):63-6.

75. Thomas A. Blanpied, 1 Richard J. Clarke, 1,2 and Jon W. Johnson 1,2, Amantadine Inhibits NMDA Receptors by Accelerating Channel Closure during Channel Block, J Neurosci. 2005 Mar 30; 25(13): 3312–3322.

76. Lascelles BDX, Gaynor JS, Smith ES, Roe SC, Marcellin-Little DJ, Davidson G, Boland E, Carr J. Amantadine in a multimodal analgesic regimen for alleviation of refractory osteoarthritis pain in dogs. J Vet Intern Med. Jan-Feb 2008;22(1):53-9.

77. Van Haaften KA, Eichstadt Forsythe LR, Stelow EA, Bain MJ. Effects of a single preappointment dose of gabapentin on signs of stress in cats during transportation and veterinary examination. JAVMA November 15, 2017, Vol. 251, No. 10, Pages 1175-1181.

78. Finnerup NB, Attal N, Haroutounian S, McNicol E, Baron R, Dworkin RH, Gilron I, Haanpää M, Hansson P, Jensen TS, Kamerman PR, Lund K, Moore A, Raja SN, Rice AS, Rowbotham M, Sena E, Siddall P, Smith BH, Wallace M. Pharmacotherapy for neuropathic pain in adults: a systematic review and meta-analysis. Lancet Neurol. 2015 Feb;14(2):162-73.

79. Gierthmühlen J, Baron R. Neuropathic Pain. Semin Neurol. 2016 Oct;36(5):462-468.

80. Obata H. Analgesic Mechanisms of Antidepressants for Neuropathic Pain. Int J Mol Sci. 2017 Nov 21;18(11):2483.

81. Attal N. Pharmacological treatments of neuropathic pain: The latest recommendations. Rev Neurol (Paris). Jan-Feb 2019;175(1-2):46-50.

82. Aguado D, Benito J, Gómez de Segura IA. Reduction of the minimum alveolar concentration of isoflurane in dogs using a constant rate of infusion of lidocaine-ketamine in combination with either morphine or fentanyl. Vet J. 2011 Jul;189(1):63-6.

83. Soares PCLR, Corrêa JMX, Niella RV, de Oliveira JNS, Costa BA, Silva Junior AC, Sena AS, Pinto TM, Munhoz AD, Martins LAF, Silva EB, Lavor MSL. Continuous Infusion of Ketamine and Lidocaine Either with or without Maropitant as an Adjuvant Agent for Analgesia in Female Dogs Undergoing Mastectomy. Vet Med Int. 2021 Jan 26;2021:4747301.

84. MacDougall LM, Hethey JA, Livingston A, Clark C, Shmon CL, Duke-Novakovski T. Antinociceptive, cardiopulmonary, and sedative effects of five intravenous infusion rates of lidocaine in conscious dogs. Vet Anaesth Analg. 2009 Sep;36(5):512-22.

85. Vullo C, Tambella AM, Falcone A, Marino G, Catone G. Constant Rate Infusion of Lidocaine, Tumescent Anesthesia and Their Combination in Dogs Undergoing Unilateral Mastectomy. Animals (Basel). 2021 Apr 29;11(5):1280.

86. LeLorier J, Moisan R, Gagné J, Caillé G. Effect of the duration of infusion on the disposition of lidocaine in dogs. J Pharmacol Exp Ther. 1977 Dec;203(3):507-11.

87. Zhu B, Zhou X, Zhou Q, Wang H, Wang S, Luo K. Intra-Venous Lidocaine to Relieve Neuropathic Pain: A Systematic Review and Meta-Analysis. Front Neurol. 2019; 10: 954.

88. Moulin DE, Morley-Forster PK, Pirani Z, Rohfritsch C, Stitt L. Intravenous lidocaine in the management of chronic peripheral neuropathic pain: a randomized-controlled trial. Can J Anaesth. 2019 Jul;66(7):820-827.

89. Chadwick HS. Toxicity and resuscitation in lidocaine- or bupivacaine-infused cats. Anesthesiology. 1985 Oct;63(4):385-90.

90. O'Brien TQ, Clark-Price SC, Evans EE, Di Fazio R, McMichael MA. Infusion of a lipid emulsion to treat lidocaine intoxication in a cat. J Am Vet Med Assoc. 2010 Dec 15;237(12):1455-8.

91. Donati PA, Tarragona L, Franco JVA, Kreil V, Fravega R, Diaz A, Verdier N, Otero PE. Efficacy of tramadol for postoperative pain management in dogs: systematic review and meta-analysis. Vet Anaesth Analg. 2021 May;48(3):283-296.

92. Perez Jimenez TE, Mealey KL, Grubb TL, Greene SA, Court MH. Tramadol metabolism to O-desmethyl tramadol (M1) and N-desmethyl tramadol (M2) by dog liver microsomes: Species comparison and identification of responsible canine cytochrome P-450s (CYPs). Drug Metab Dispos. 2016 Dec;44(12):1963-1972.

93. Evans RB, Gordon-Evans WJ, Conzemius MG. Comparison of three methods for the management of fragmented medial coronoid process in the dog. A systematic review and meta-analysis. Vet Comp Orthop Traumatol. 2008;21(2):106-9.

94. Linn KA. Juvenile Pubic Symphysiodesis. Vet Clin North Am Small Anim Pract. 2017 Jul;47(4):851-863.

95. Schiller TD. BioMedtrix Total Hip Replacement Systems: An Overview. Vet Clin North Am Small Anim Pract. 2017 Jul;47(4):899-916.

96. Schnabl-Feichter E, Schnabl S, Tichy A, Gumpenberger M, Bockstahler B. Measurement of ground reaction forces in cats 1 year after femoral head and neck ostectomy. J Feline Med Surg. 2021 Apr;23(4):302-309.

97. Schiller TD. BioMedtrix Total Hip Replacement Systems: An Overview. Vet Clin North Am Small Anim Pract. 2017 Jul;47(4):899-916.

98. Smith GK, Paster ER, Powers MY, Lawler DF, Biery DN, Shofer FS, McKelvie PJ, Kealy RD. Lifelong diet restriction and radiographic evidence of osteoarthritis of the hip joint in dogs. JAVMA. 2006 Sep 1;229(5):690-3.

99. Marshall WG, Hazewinkel HA, Mullen D, De Meyer G, Baert K, Carmichael S. The effect of weight loss on lameness in obese dogs with osteoarthritis. Vet Res Commun. 2010 Mar;34(3):241-53.

100. Vandeweerd JM, Coisnon C, Clegg P, Cambier C, Pierson A, Hontoir F, Saegerman C, Gustin P, Buczinski S. Systematic Review of Efficacy of Nutraceuticals to Alleviatey Clinical Signs of Osteoarthritis. JVIM. 2012;26:448–456.

101. Lugo JP, Saiyed ZM, Lane NE. Efficacy and tolerability of an undenatured type II collagen supplement in modulating knee osteoarthritis symptoms: a multicenter randomized, double-blind, placebo-controlled study. Nutr J 2016 :Jan 29;15:14.

102. Gupta RC, Canerdy TD, Lindley J, Konemann M, Minniear J, Carroll BA, Hendrick C, Goad JT, Rohde K, Doss R, Bagchi M, Bagchi D. Comparative therapeutic efficacy and safety of type-II collagen(uc-II), glucosamine and chondroitin in arthritic dogs: pain evaluation by ground force plate. Journal of Animal Physiology and Animal Nutrition 2012; 96:770–777.

103. Dehghan M, Farahbod F. The Efficacy of Thermotherapy and Cryotherapy on Pain Relief in Patients with Acute Low Back Pain, A Clinical Trial Study. J Clin Diagn Res 2014 Sep; 8(9): LC01–LC04.

104. Vance CGT, Dailey DL, Rakel BA, Sluka KA. Using TENS for pain control: the state of the evidence Pain Manag. 2014 May; 4(3): 197–209.

105. Preston T, Wills A. A single hydrotherapy session increases range of motion and stride length in Labrador retrievers diagnosed with elbow dysplasia. Vet J 2018 Apr;234:105-110.

106. Looney AL, Huntingford JL, Blaeser LL et Mann S. A randomized blind placebo-controlled trial investigating the effects of photobiomodulation therapy (PBMT) on canine elbow osteoarthritis. Can Vet J. 2018 Sep; 59(9): 959–966.

107. Barale L et al. 2020. Preliminary clinical experience of low-level laser therapy for the treatment of canine osteoarthritis-associated pain: A retrospective investigation on 17 dogs. Open Veterinary Journal 2020 10(1);116–119.

108. Vincent K, Vincent HK. Resistance Exercise for Knee Osteoarthritis, PM R. 2012 May; 4(5 0): S45–S52.

109. Fantini Pagani CH, Willwacher S, Benker R, Brüggemann GP. Effect of an ankle-foot orthosis on knee joint mechanics: a novel conservative treatment for knee osteoarthritis, Prosthet Orthot Int. 2014 Dec;38(6):481-91.

110. Von Bahr L, Batsis I, Moll G, Hägg M, Szakos A, Sundberg B, Uzunel M, Ringden O, Le Blanc K. Analysis of Tissues Following Mesenchymal Stromal Cell Therapy in Humans Indicates Limited Long-Term Engraftment and No Ectopic Tissue Formation. Stem Cells 2012 Jul;30(7):1575-8.

111. Wang J, Liao L, Tan J. Mesenchymal-stem-cell-based experimental and clinical trials: current status and open questions. Expert Opin Biol Ther 2011;11:893–909.

112. Maumus M, Jorgensen C, Noël D. Mesenchymal stem cells in regenerative medicine applied to rheumatic diseases: role of secretome and exosomes Review Biochimie. 2013 Dec;95(12):2229-34.

113. Mishima Y, Lotz M. Chemotaxis of human articular chondrocytes and mesenchymal stem cells. J Orthop Res 2008;26(10):1407-12.

114. Taroni M, Cabon Q, Fèbre M, Cachon T, Saulnier N, Carozzo C, Maddens S, Labadie F, Robert C, Viguier E. Evaluation of the effect of a single intra-articular injection of allogeneic neonatal mesen- chymal stromal cells compared to oral non-steroidal anti-inflammatory treatment on the postoperative musculoskeletal status and gait of dogs over a 6-month period after tibial plateau leveling osteotomy: a pilot study. Front Vet Sci 2017; 4:1-11.

115. Cabon Q, Febre M, Gomez N, Cachon T, Pillard P, Carozzo C, Saulnier N, Robert C, Livet V, Rakic R, Plantier N, Saas P, Maddens S, Viguier E. Long-term safety and efficacy of single or repeated intra-articular injection of alloge- neic neonatal mesenchymal stromal cells for managing pain and lameness in moderate to severe canine osteoarthritis without anti- inflammatory pharmacological support: pilot clinical study. Front Vet Sci 2019 Feb 5;6:10.

116. Lee MI, Kim JH, Kwak HH, Woo HM, Han JH, Yayon A, Jung YC, Cho JM, Kang BJ. A placebo-controlled study comparing the efficacy of intra-articular injections of hyaluronic acid and a novel hyaluronic acid-platelet-rich plasma conjugate in a canine model of osteoarthritis. J Orthop Surg Res. 2019 Sep 18;14(1):314.

117. Lascelles BDX, Knazovicky D, Cas B, Freire M, Innes JF, Drew AC, Gearin DP. A canine-specific anti-nerve growth factor antibody alleviates pain and improves mobility and function in dogs with degenerative joint disease-associated pain. BMC Veterinary Research. 2015;11(1):101.

118. Gruen ME, Thomson AE, Griffith EH, Paradise H, Gearing DP, Lascelles BDX. A feline-specific anti-nerve growth factor antibody improves mobility in cats with degenerative joint disease–associated pain: a pilot proof of concept study. JVIM 2016;30(4):1138-1148.

119. Gruen ME, Myers JAE, Lascelles BDX. Efficacy and Safety of an Anti-nerve Growth Factor Antibody (Frunevetmab) for the Treatment of Degenerative Joint Disease-Associated Chronic Pain in Cats: A Multisite Pilot Field Study. Front. Vet. Sci., 28 May 2021.

120. Krautmann M, Walters R, Cole P, Tena J, Bergeron LM, Messamore J, Mwangi D, Rai S, Dominowski P, Saad K, Zhu Y, Guillot M, Chouinard L. Laboratory safety evaluation of bedinvetmab, a canine anti-nerve growth factor monoclonal antibody, in dogs. Vet J 2021 Oct;276:105733.

121. Walters RR, Boucher JF, De Toni F. Pharmacokinetics and Immunogenicity of Frunevetmab in Osteoarthritic Cats Following Intravenous and Subcutaneous Administration. Front. Vet. Sci., 10 June 2021.

122. Ardito RB, Rabellino D. Therapeutic Alliance and Outcome of Psychotherapy: Historical Excursus, Measurements, and Prospects for Research. Front Psychol. 2011; 2: 270.

123. Goubert L, Craig KD, Vervoort T, Morley S, Sullivan MJL, Williams de CAC, Cano A, Crombez G. Facing others in pain: the effects of empathy. Pain 2005 Dec 5;118(3):285-288.

124. Utard G. Evidence-Based Medicine. La médecine fondée sur les preuves. Bibliothèque interuniversitaire de Santé – Paris, 2014.

125. Bouhassira D, Lantéri-Minet M, Attal N, Laurent B, Touboul B. Prevalence of chronic pain with neuropathic characteristics in the general population. Pain 2008;136(3):380-7.

126. Guillot M, Chartrand G, Chav R, Rousseau J, Beaudoin JF, Martel-Pelletier J, Pelletier JP, Lecomte R, de Guise JA, Troncy E. Fluorodeoxyglucose positron emission tomography of the cat brain: a feasibility study to investigate osteoarthritis-associated pain. Vet J 2015;204:299–303.