

Supplementary File 1 Excluded reviews and the respective withdrawal justifications

First author and publication year	Reference	Justification for withdrawing
Sanderson et al 2009	Sanderson RO, Beata C, Flipo RM, et al. Systematic review of the management of canine osteoarthritis. Vet Rec. 2009;164(14):418–424	The review resulted in only one primary eligible article involving the focused interventions.
Mwangi et al 2018	Mwangi WE, Mogoia EM, Mwangi JN, Mbuthia PG, Mbugua SW. A systematic review of analgesia practices in dogs undergoing ovariohysterectomy. Veterinary World 2018;11(12):1725–1735	The review resulted in only one primary eligible article involving the focused interventions.
Mathie & Clausen 2015	Mathie RT, Clausen J. Veterinary homeopathy: meta-analysis of randomised placebo-controlled trials. Homeopathy 2015;104(1):3–8	It is a meta-analysis of the results published in 2014, already included in this overview. Its results were mentioned in the Discussion related to the findings described. ⁶⁶
Mathie et al 2012	Mathie RT, Hacke D, Clausen J. Randomised controlled trials of veterinary homeopathy: characterizing the peer-reviewed research literature for systematic review. Homeopathy 2012;101(4):196–203	Preliminary review with no outcomes available.
Oryan et al 2016	Oryan A, Alemzadeh E, Moshiri A. Biological properties, and therapeutic activities of honey in wound healing: a narrative review and meta-analysis. J Tissue Viability 2016;25(2):98–118	The meta-analysis reported articles not related to the focused interventions.
Zitterl-Eglseer & Marschik 2020	Zitterl-Eglseer K, Marschik T. Antiviral medicinal plants of veterinary importance: a literature review. Planta Med. 2020;86(15):1058–1072.	Review including <i>in-vitro</i> and experimental studies, with mixed conclusions.
Oliveira et al 2017	Oliveira JS, Silva AAN, Silva Junior VA. Phytotherapy in reducing glycemic index and testicular oxidative stress resulting from induced diabetes: a review. Braz J Biol. 2016;77(1):68–78.	Review including experimental laboratory studies, with mixed conclusions.
Calzetta et al 2020	Calzetta L, Pistocchini E, Leo A et al. Anthelmintic medicinal plants in veterinary ethnoparmacology: a network meta-analysis following the PRISMA-P and PROSPERO recommendations. Heliyon. 2020;6(2):e03256.	Network meta-analysis including clinical and experimental laboratory studies, mixed in the final analysis.
Rose et al 2017	Rose WJ, Sargeant JM, Hanna WJB, Kelton D, Wolfe DM, Wisener LV. A scoping review of the evidence for efficacy of acupuncture in companion animals. Anim Health Res Rev. 2017;18(2):177–185.	Studies were not categorized as RCTs and non-RCTs to evaluate the quality of evidence for each study.
Oliveira et al 2021	Oliveira M, Hoste H, Custódio L. A systematic review on the ethnoveterinary uses of Mediterranean salt-tolerant plants: exploring its potential use as fodder, nutraceuticals or phytotherapeutics in ruminant production. J Ethnopharmacol. 2021;267:113464.	Review including experimental studies mixed in the final analysis.
Mottin et al 2019	Mottin VD, Cruz JF, Neto MRT, Marisco G, Figueredo JS, Sousa LS. Efficacy, toxicity, and lethality of plants with potential anthelmintic activity in small ruminants in Brazil. Rev Bras Saúde Prod Anim. 2019; 20(01–23):e0232019.	Only experimental studies.
Santos et al 2019	Santos FO, Cerqueira APM, Branco A, Batatinha MJM, Botura MB. Anthelmintic activity of plants against gastrointestinal nematodes of goats: a review. Parasitology. 2019;146(10):1233–1246.	No clear identification of RCTs among other study designs.
Tresch et al 2019	Tresch M, Mevissen M, Ayrl H, Melzig M, Roosje P, Walkenhorst M. Medicinal plants as therapeutic options for topical treatment in canine dermatology? A systematic review. BMC Vet Res. 2019;15(1):174.	Miscellaneous experimental and clinical studies on humans and animals.

Supplementary File 1 (Continued)

First author and publication year	Reference	Justification for withdrawing
Mayer et al 2014	Mayer M, Vogl CR, Amorena M, Hamburger M, Walkenhorst M. Treatment of organic livestock with medicinal plants: a systematic review of European ethnoveterinary research. <i>Forsch Komplementmed.</i> 2014;21(6):375–386.	Ethnoveterinary narrative review
Nokay and Shiau 2022	Nokay CN, Shiau D. Efficacy of traditional Chinese Veterinary medicine in the treatment of cognitive dysfunction: a systematic review and meta-analysis. <i>AJTCVM</i> 2022;17(1):37–50.	Interventions reporting mixed processes used in traditional Chinese medicine.

Abbreviation: RCT, randomized controlled trial.

Supplementary File 2 CCTs/RCTs highlighted in selected systematic reviews and the corresponding RoB evaluation (Cochrane or Jadad 0–5 scale). The complete references of the following clinical trials can be found in the corresponding systematic review (see references in this paper).

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
Homeopathy		
Mathie & Clausen, 2015 ^{a44}	Reis 2006	Uncertain RoB
	Reis 2008	
	Signoretti 2008	
	Soto 2008	
	Beceriklisoy 2008	High RoB
	Braun 2011	
	Catto 2013	
	Coelho 2009	
	Faulstich 2006	
	Klocke 2010	
	Lohr 2013	
	Lotdollahzadeh 2012	
	Rocha 2006	
	Sandoval 1998	
	Schütte 1988	
	Silva 2008	
	Sommer 1972	
	Varshney 2010	
	Williamson 1991	
	Zacharias 2008	
Mathie & Clausen, 2014 ⁶⁷	Camerlink 2010	Low RoB
	Cracknell 2008	
	Hektoen 2004	
	Guajardo-Bernal 1996	Unclear RoB
	Hielm-Björkman 2009	
	Soto 2010	
	Albrecht 1999	High RoB
	Andersson 1997	
	Arlt 2009	

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Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
	Danieli 2009	
	De Verdier 2003	
	Fidelak 2007	
	Kayne 1994	
	Searcy 1995	
	Werner 2010	
	Willamson 1995	
	Wolter 1966	
	Holmes 2005	No usable outcome
Acupuncture		
Habacher et al 2006 ⁶⁶	Han 2010	No RoB evaluation
	Hayashi 2007	
	Joaquim 2010	
	Prado 2019	
	Bolliger 2002	Jadad 4
	Hielm-Bjorkman 2001	Jadad 4
	Merritt 2002	Jadad 3
	Steiss 1989	Jadad 2
	Still 1998	Jadad 2
	Dill 1988	Jadad 1
	Hwang 1981	Jadad 1
	Jeong 2002	Jadad 1
	Klide 1989	Jadad 1
	Lin 1991	Jadad 1
	Lin 1992	Jadad 1
	Mizuno 1984	Jadad 1
	Skarda 2003	Jadad 1
	Skarda 2002	Jadad 1
	Sumano 2000	Jadad 1
	Watanabe 1998	Jadad 1
	Wright 1981	Jadad 1
	Bossut 1983 (a)	Jadad 0
	Bossut 1983 (b)	Jadad 0
	Bossut 1986	Jadad 0
	Clifford 1977	Jadad 0
	Hwang 1988	Jadad 0
	Kim 2004	Jadad 0
	Lee 1975	Jadad 0
	Lee 1980	Jadad 0
	Lee 2004	Jadad 0
	Lin 1988	Jadad 0
	Park 2003	Jadad 0

Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
	Toyota 1990	Jadad 0
	Yang 2003	Jadad 0
Medicinal plants		
Farinacci et al 2021 ⁶⁸	Agostini 2012	No RoB evaluation
	Ahad 2017	
	Ahad 2018	
	Ahmad 2016	
	Akhtar 2012	
	Allen 1997	
	Almeida 2012	
	Altop 2018	
	Anosa 2011	
	Arab 2006	
	Arczevska-Wlosek 2013	
	Arshad 2008	
	Awais 2011	
	Bakari 2013	
	Bozkurt 2016	
	Cetin 2016	
	Chang and Chung 2016	
	Chang and Yang 2016	
	Charal 2017	
	Chowdhury 2017	
	Chowdhury 2018	
	Cross 2007	
	Dragan 2014	
	Ebrahimi 2016	
	El-Abasy 2003	
	Engberg 2012	
	Erhan 2017	
	Franciosini 2016	
	Franciosini 2017	
	Ghazaghi 2014	
	Ghazanfari 2014	
	Gonzalez-Gil 2014	
	Grabensteiner 2008	
	Gracia 2016	
	Guo 2004	
	Hashemi 2012	
	Hosseinzadeh 2014	
	Jimoh 2013	
	Kaboutari 2013	
	Khalaji 2011	

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Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
	Kurekci 2014	
	Kaingu 2017	
	Lan 2016	
	Lengsfeld 2007	
	Lopez 2012	
	Major 2010	
	Michels 2010	
	Mohiti-Asli 2017	
	Nweze 2009	
	Ogbe 2009	
	Ola-Fadunsin 2013	
	Orengo 2011	
	Papazahariadou 2010	
	Peek 2013	
	Piesova 2012	
	Pirali Kheirabadi 2014	
	Ramiah 2014	
	Retnani 2014	
	Rostami 2015	
	Rubio 1998	
	Sadek 2014	
	Scheurer 2013	
	Scocco 2016	
	Sharifi 2013	
	Scheurer 2013	
	Shikraneh 2016	
	Tabatabaei 2015	
	Tanweer 2014	
	Thofner 2012	
	Vase-Khavari 2018	
	Vase-Khavari 2019	
	Waihenya 2002	
	Wang 2008	
	Wang 2016	
	Wang 2018	
	Yang 2015	
	Youn 2001	
	Zhang 2012	
	Zhang 2013	
	Zulkifli 2010	
Tamminen et al 2018 ⁶⁹	Allen 2003	No RoB evaluation
	Arshad 2008	
	Balcells 2012	

Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
	Bampidis 2006	
	Baurhoo 2007	
	Bednarek 2002	
	Benchaar 2007	
	Cacho 2010	
	Christaki 2004	
	Devant 2007	
	Dragan 2010	
	Dragan 2014	
	Engberg 2012	
	Gianneras 2003	
	Gowda 2008	
	Gowda 2009	
	Greiner 2001	
	Gresakova 2012	
	Hassan 2008	
	Hermann 2003	
	Heuwieser 2000	
	Hu 2001	
	Janczyk 2008	
	Jugl-Chizzola 2005	
	Kis and Bilkei 2003	
	Lee 2008	
	Liu 2013	
	Magi 2005	
	Manzanilla 2004	
	Matthews 2000	
	McDougald 2014	
	McReynol 2009	
	Mitsch 2004	
	Oliveira 2010	
	Ordonez 2008	
	Oviedo-Rondon 2006	
	Revajova 2013	
	Sads and Bilkei 2003	
	Schoene 2006	
	Stipvits 2004	
	Turner 2002	
	Turner 2002 b	
	Van Parys 2010	

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Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
Ayrl et al 2016 ¹	Ariza-Nieto 2011	No RoB evaluation
	Bampidis 2006	
	Basmacioglu 2010	
	Batungbacal 2007	
	Bimczok 2008	
	Bolfa 2011	
	Bruins 2011	
	Bruno 2013	
	Dana 2004	
	Didek 2006	
	Donovan 1998	
	Dorhoi 2006	
	Durrani 2007	
	Farinacci 2008	
	Giannenas 2003	
	Ghosh 2010	
	Ghosh 2011	
	Hagmueller 2006	
	Hanieh 2010	
	Hermann 2003	
	Henn 2010	
	Holman 2014	
	Ivarsson 2011	
	Jalilzadeh-Amin 2012	
	Jugl-Chizzola 2005	
	Lee 2013	
	Maass 2005	
	Mahmood 2014	
	Manzanilla 2004	
	Marcin 2006	
	Olson 1998	
	O'Neill 2002	
	Piesova 2012	
	Placha 2014	
	Rossi 2014	
	Ryzner 2013	
	Sharifi 2013	
	Sreter 1999	
	Stelter 2013	
	Strompfova 2009	
	Szaboova 2008	
	Szaboova 2011	
	Szaboova 2012	

Supplementary File 2 (Continued)

Systematic review	CCT/RCT first author name and year (as cited in the SR)	RoB or Jadad ranking
	Truchlinski 2006	
	Walter 2004	
	Yan 2013	
	Zanchi 2008	

Abbreviations: CCT, controlled clinical trial; RCT, randomized controlled trial; RoB, risk of bias; SR, systematic review.

Supplementary File 3—Homeopathy**Google Scholar search of clinical trials**

(The search was performed in July 2023 and included the 30 first pages of Google list)

Keywords and searches: Homeopathy, veterinary, dog, cat, poultry, livestock

- Balbuena MCS, Peixoto Junior KC, Coelho CP. Evaluation of the efficacy of *Crataegus oxyacantha* in dogs with early-stage heart failure. *Homeopathy*. 2020; 109: 224-229.
- Baymishev MK, Pristiyazhnyuk ON. Therapeutic efficacy of homeopathic drugs for cows endometritis. *Bulletin Samara State Agricultural Academy* 2017; 2: 63-66.
- Bodey AL, Almond CJ, Holmes MA. Double-blinded randomised placebo-controlled clinical trial of individualised homeopathic treatment of hyperthyroid cats. *Vet Rec*. 2017; 180: 377.
- Canello S, Gasparini G, Luisetto P, Di Cerbo A, Pomerri F. Bone computed tomography mineral content evaluation in chickens: effects of substances in homeopathic concentration. *Homeopathy* 2016; 105: 92-5.
- Defiltro RC, *et al*. Addition of a homeopathic, preventive product for mastitis in dairy cow feed: effects on etiologic agents, animal health, production, composition, and quality of milk. *Research, Society and Development* 2020; 9: e1749119607.
- Dias AGF, *et al*. Desempenho, qualidade de ovos e controle de ectoparasitas em poedeiras em idades avançadas suplementadas com produto homeopático. *Research, Society and Development* 2020; 9: e719974745.
- Ebert F, Staufenbiel R, Simons J, Pieper L. Randomized, blinded, controlled clinical trial shows no benefit of homeopathic mastitis treatment in dairy cows. *J Dairy Sci*. 2017; 100: 4857-4867.
- Ferreira EB, *et al*. Reproductive performance of fixed-time artificial insemination in heifers supplemented with a homeopathic complex. *Semina: Ciências Agrárias* 2022; 43: 2643-2656.
- Ferreira EM, Romero LC, Cunha MLRSD, *et al*. Persistence of *Staphylococcus* spp. in milk from cows undergoing homeopathy to control subclinical mastitis. *BMC Vet Res*. 2022; 18: 273.
- Figueiredo A, *et al*. In vivo study of a homeopathic medicine against *Rhipicephalus (Boophilus) microplus* in dairy cow. *Revista Brasileira de Farmacognosia* 2018; 28: 207-213.
- Galli GM, *et al*. Addition of seaweed flour (*Lithothamnium calcareum*) combined with homeopathic feed for broiler chickens decreases the toxic effects caused by aflatoxin B1. *Research, Society, and Development* 2022; 11 e308111133305.
- Giulioti L, *et al*. Gastrointestinal strongyles burden monitoring in a flock of Zerasca sheep treated with homeopathy. *European Journal of Integrative Medicine* 2016; 8: 235-238.
- Glombowsky P, *et al*. Use of secnidazole and homeopathy for giardiasis control in dogs. *Revista MVZ Córdoba* 2020; 25: e2004.
- Gupta SL, Palod J, Singh CB. Effects of homeopathic mother tinctures of *Aegle marmelos*, *Chelidonium majus* and *Boerhaavia diffusa* on the haematology of guinea fowls (*Numida meleagris*). *Veterinary Practitioner* 2014; 15: 242-243.
- Jaguezeski AM, Glombowsky P, da Rosa G, Da Silva AS. Daily intake of a homeopathic agent by dogs modulates white cell defenses and reduces bacterial counts in feces. *Microb Pathog*. 2021; 156: 104936.
- Keller D, Sundrum A. Comparative effectiveness of individualised homeopathy and antibiotics in the treatment of bovine clinical mastitis: randomised controlled trial. *Vet Rec*. 2018; 182: 407.
- Kumar J, Srivastava S, Kumar R. Effect of Herbal, Homeopathic and Hormonal Drug on Hematology, Ovarian Cyclicity and Conception Rate in Postpartum Anoestrus Cows. *Indian Journal of Veterinary Sciences & Biotechnology* 2020; 16: 17-21.
- Kumar J, Srivastava S, Kumar R. Studies on efficacy of janova, sepia and GnRH-PG-GnRH regimen on induction of cyclicity in postpartum anoestrus Cows. *Bull. Env. Pharmacol. Life Sci*. 2018; 7: 22-28.
- Laginestra BFA, de Sá TC, Borges JL, *et al*. Impact of a Novel Homeopathic Complex Medicine on the Management of Multiple Antibiotic-Resistant Bovine Mastitis: An Open-Label, Non-Randomized, Placebo-Controlled Trial. *Homeopathy*. 2023. doi: 10.1055/s-0043-1768465. Online ahead of print.

- Marchiori MS, *et al.* Homeopathic product in dog diets modulates blood cell responses. Arch Vet Sci. 2019; 24. Online. DOI: <http://dx.doi.org/10.5380/avs.v24i4.69072>.
- Mazón-Suástegui JM, García-Bernal M, Saucedo PE, Campa-Córdova Á, Abasolo-Pacheco F. Homeopathy outperforms antibiotics treatment in juvenile scallop *Argopecten ventricosus*: effects on growth, survival, and immune response. Homeopathy. 2017; 106: 18-26.
- Monteiro HC, *et al.* Avaliação da qualidade da carne de frangos de corte alimentados com produto homeopático. Revista Integralização Universitária 2018; 18: 89-101.
- Narita FB, Balbuena MCS, Yang ML, Peixoto KDC Jr, Vanstreels RET, Coelho CP. Evaluation of the effects of administering ultradiluted *Avena sativa* and *Echinacea angustifolia* on the hematological parameters of Magellanic penguins (*Spheniscus magellanicus*) during the reproductive period. Homeopathy. 2022; 112: 198-204.
- Narita FB, Scardoeli B, Gallo Neto H, Coelho CP. Homeopathic Treatment of Pododermatitis in Magellanic Penguins (*Spheniscus magellanicus*). Homeopathy. 2021; 110: 62-66.
- Neufeldt CD, *et al.* No effects of homeopathy on somatic cell count, bovine milk yield and composition. Acta Veterinaria Brasilica 2017; 11: 14-19.
- Paksoy Z, *et al.* Effectiveness of levamisole and *Tarantula cubensis* extract in the treatment of teat papillomatosis of cows. Indian Journal of Animal Research 2015; 49: 704-708.
- Parsan HR, Chandel BS, Chauhan HC. Efficacy of homeopathic drug (teatasul fibro gold kit) in fibrosed mastitis of dairy cow. Life Sciences Leaflets 2015; 64: 30.
- Parsani HR, *et al.* Efficacy of a homeopathic complex (Masta-forte+ Actino Cure) and antibiotics in treatment of bovine clinical mastitis. International Journal of Bio-resource and Stress Management 2023; 14: 637-642.
- Raj PAA, Pavulraj S, Kumar MA, Sangeetha S, Shanmugapriya R, Sabithabanu S. Therapeutic evaluation of homeopathic treatment for canine oral papillomatosis. Vet World. 2020; 13: 206-213.
- Rawat D, *et al.* Effect of homeopathic medicine (alfalfa), methionine, and lysine supplementation in low protein-based diets on the performance of broiler chicken. Int. J. Appl. Sci. Biotechnol. 2018; 6: 174-180.
- Santos W, *et al.* Influence of homeopathy on the quality of eggs of quails stored. Acta Scientiarum. Animal Sciences 2012; 43. Online: e52609.
- Sato C, Listar VG, Bonamin LV. Development of broiler chickens after treatment with thymulin 5cH: a zoo technical approach. Homeopathy. 2012; 101: 68-73.
- Signoretti RD, *et al.* Productive and sanitary aspects of crossbred milking cows receiving homeopathic products. Arquivos do Instituto Biológico 2021; 77: 625-633.
- Souto PFMP, *et al.* Reproductive efficiency of nellore (*Bos indicus*) cows subject to both ftai and homeopathic supplementation. Biosci. J. 2019; 35: 251-259.
- Toma CD-M, *et al.* Effect of supplementation with core homeopathic on the serum immunological profile of pregnant ewes and lambs. Acta Veterinaria Brasilica 2021; 15: 261-266.
- von Ancken A, Peres GB, Coelho CP. Homeopathic preparations and separation anxiety in dogs: a pilot study. Veterinary Integrative Sciences 2022; 20: 459-473.
- Wendt GN, Genova JL, de Azevedo LB, *et al.* Homeopathic products as a complementary dietary additive for pigs in their growing and finishing phases. Homeopathy. 2023; 112: 107-109.

Supplementary File 4—Acupuncture

Google Scholar search of clinical trials

(The search was performed in July 2023 and included the 30 first pages of Google list)

Keywords: Acupuncture, veterinary, dog, cat, poultry, livestock

- Alfaro A. Correlation of acupuncture point sensitivity and lesion location in 259 horses. Am J Trad Chin Vet Med. 2014; 9: 83-87
- Angeli AL, Joaquim JG, Takahira RK, Bulla C, Luna SP. Effect of acupuncture, electroacupuncture and Panax pseudoginseng on blood coagulation variables in horses. Vet Rec. 2005; 157: 662-4.
- Angeli AL, Joaquim JGF, Gama ED, Luna SPL. Outcome of 119 dogs and cats treated at the acupuncture unit of the Faculty of Veterinary Medicine and Animal Science of the University of São Paulo State, Botucatu city, Brazil. Braz. J. Vet. Res. Anim. Sci. 2005; 42: 68-74.
- Chueainta P, Punyapornwithaya V, Tangjitjaroen W, Pongkan W, Boonyapakorn C. Acupuncture improves heart rate variability, oxidative stress level, exercise tolerance, and quality of life in tracheal collapse dogs. Vet Sci. 2022; 9: 88.
- Dunkel B, Pfau T, Fiske-Jackson A, Veres-Nyeki KO, Fairhurst H, Jackson K, Chang YM, Bolt DM. A pilot study of the effects of acupuncture treatment on objective and subjective gait parameters in horses. Vet Anaesth Analg. 2017; 44: 154-162.
- Faramarzi B, Lee D, May K, Dong F. Response to acupuncture treatment in horses with chronic laminitis. Can Vet J. 2017; 58: 823-827.

- Goe A, *et al.* Epinephrine or Gv-26 electrical stimulation reduces inhalant anesthetic recovery time in common snapping turtles (*Chelydra Serpentina*). *Journal of Zoo and Wildlife Medicine*. 2016; 47: 501-507.
- Goiz-Marquez G, Caballero S, Solis H, Rodriguez C, Sumano H. Electroencephalographic evaluation of gold wire implants inserted in acupuncture points in dogs with epileptic seizures. *Res Vet Sci*. 2009; 86: 152-61.
- Hielm-Bjorkman A, Raekallio M, Kuusela E, Saarto E, Markkola A, Tulamo RM. Double-blind evaluation of implants of gold wire at acupuncture points in the dog as a treatment for osteoarthritis induced by hip dysplasia. *Vet Rec*. 2001; 149: 452-6.
- Kim HY, Hahm DH, Pyun KH, Lee HJ, Nam TC, Shim I. Effect of traditional acupuncture on proximal colonic motility in conscious dogs. *J Vet Med Sci*. 2006; 68: 603-7.
- Kim MS, Nam TC. Electroencephalography (EEG) spectral edge frequency for assessing the sedative effect of acupuncture in dogs. *J Vet Med Sci*. 2006; 68: 409-11.
- Kim MS, Seo KM. Effects of Atipamezole and Naloxone on Electroencephalographic Spectral Edge Frequency 95 in dogs sedated by acupuncture at GV20 and Yintang Point. *J Vet Med Sci*. 2007; 69: 577-9.
- Kintz Konegger A. Comparison between aqua-acupuncture and trazodone on mitigation of fear, anxiety and stress in healthy dogs during routine veterinary examination. *Am J Trad Chin Vet Med*. 2022; 17: 27-35.
- Le Jeune S, Jones J. Prospective study on the correlation of positive acupuncture scans and lameness in 102 performance horses. *Am J Trad Chin Vet Med*. 2014; 9: 33-41.
- Lee D, May K, Faramarzi B. Comparison of first and second acupuncture treatments in horses with chronic laminitis. *Iran J Vet Res*. 2019; 20: 9-12.
- Luna SPL, *et al.* Acupuncture and pharmacopuncture are as effective as morphine or carprofen for postoperative analgesia in bitches undergoing ovariohysterectomy. *Acta Cirúrgica Brasileira* 2015; 30: 831-837.
- Maccariello CEM, Franzini de Souza CC, Morena L, Dias DPM, Medeiros MA. Effects of acupuncture on the heart rate variability, cortisol levels and behavioural response induced by thunder sound in beagles. *Physiol Behav*. 2018; 186: 37-44.
- Magden ER, Haller RL, Thiele EJ, Buchl SJ, Lambeth SP, Schapiro SJ. Acupuncture as an adjunct therapy for osteoarthritis in chimpanzees (*Pan troglodytes*). *J Am Assoc Lab Anim Sci*. 2013; 52: 475-80.
- Martin BB Jr, Klidde AM. Treatment of chronic back pain in horses. Stimulation of acupuncture points with a low-powered infrared laser. *Vet Surg*. 1987; 16: 106-10.
- Marx C, Silveira MD, Selbach I, da Silva AS, Braga LM, Camassola M, Nardi NB. Acupoint injection of autologous stromal vascular fraction and allogeneic adipose-derived stem cells to treat hip dysplasia in dogs. *Stem Cells Int*. 2014; 2014: 391274.
- Mier H. Effectiveness of aqua-acupuncture for reducing stress of canine patients in veterinary clinics. *Am J Trad Chin Vet Med*. 2021; 16: 41-50.
- Mongkolrat N, Arsakit N, Kidtiwong A, *et al.* Comparison of high intensity laser stimulation of acupuncture points and therapeutic ultrasound for relief of chronic lower back pain in horses. *Am J Trad Chin Vet Med*. 2021; 16: 31-40.
- Nascimento FF, Marques VI, Crociolli GC, Nicácio GM, Nicácio IPAG, Cassu RN. Analgesic efficacy of laser acupuncture and electroacupuncture in cats undergoing ovariohysterectomy. *J Vet Med Sci*. 2019; 81: 764-770.
- Perdrizet JA, Shiau DS, Xie H. The serological response in dogs inoculated with canine distemper virus vaccine at the acupuncture point governing vessel-14: A randomized controlled trial. *Vaccine* 2019; 37: 1889-1896.
- Pinedo PJ, Caixeta LS, Barrell EA, Velez J, Manriquez D, Herman J, Holt T. A randomized controlled clinical trial on the effect of acupuncture therapy in dairy cows affected by pyometra. *Res Vet Sci*. 2020; 133: 12-16.
- Ribeiro MR, de Carvalho CB, Pereira RHZ, Nicácio GM, Brinholi RB, Cassu RN. Yamamoto New Scalp Acupuncture for postoperative pain management in cats undergoing ovariohysterectomy. *Vet Anaesth Analg*. 2017; 44: 1236-1244.
- Rizzo M, *et al.* Cortisol levels and leukocyte population values in transported and exercised horses after acupuncture needle stimulation. *Journal of Veterinary Behavior* 2017; 18: 56-61.
- Robinson KA, Manning ST. Efficacy of a single-formula acupuncture treatment for horses with palmar heel pain. *Can Vet J*. 2015; 56: 1257-60.
- Saarto EE, Hielm-Björkman AK, Hette K, Kuusela EK, Brandão CV, Luna SP. Effect of a single acupuncture treatment on surgical wound healing in dogs: a randomized, single blinded, controlled pilot study. *Acta Vet Scand*. 2010; 52: 57.
- Sánchez-Araujo M, Puchi A. Acupuncture enhances the efficacy of antibiotics treatment for canine otitis crises. *Acupunct Electrother Res*. 1997; 22: 191-206.
- Sánchez-Araujo M, Puchi A. Acupuncture prevents relapses of recurrent otitis in dogs: a 1-year follow-up of a randomised controlled trial. *Acupunct Med*. 2011; 29: 21-6.
- Shakya G, Zama MMS, Aithal HP, John R and Baghel M. Biochemical changes following electro-acupuncture and static magnetic field therapy in rabbits for bone defect healing. *Veterinary World* 2014; 7: 83-86.
- Shmalberg J, Burgess J, Davies W. A randomized controlled blinded clinical trial of electro-acupuncture administered one month after cranial cruciate ligament repair in dogs. *Am J Trad Chin Vet Med*. 2014; 9: 43-51.
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Supplementary File 5—Phytotherapy

Google Scholar search of clinical trials

(The search was performed in July 2023 and included the 10 first pages of Google list for each keyword)

Keywords: Phytotherapy/veterinary, Phytotherapy/dog, Phytotherapy/cat, Phytotherapy/poultry, Phytotherapy/livestock

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