



References

Fear, Anxiety, Stress and Veterinary Visits

1. Arhant C, Hörschläger N, Troxler J. Attitudes of veterinarians and veterinary students to recommendations on how to improve dog and cat welfare in veterinary practice. *J Vet Behav* 2019; 31, 10-16
2. Aldridge GL, Rose SE. Young Children's Interpretation of Dogs' Emotions and Their Intentions to Approach Happy, Angry, and Frightened Dogs, *Anthrozoös* 2019; 32, 361-374
3. Amici F, Waterman J, Kellermann CM et al. The ability to recognize dog emotions depends on the cultural milieu in which we grow up. *Sci Rep*. 2019 Nov 11;9(1):16414. doi: 10.1038/s41598-019-52938-4.
4. Belew AM, Barlett T, Brown SA. Evaluation of the white-coat effect in cats. *J Vet Intern Med* 1999; 13: 134-42.
5. Bragg RF, Bennett JS, Cummings A et al. Evaluations of the effects of hospital stress on physiologic variables in dogs. *J Am Vet Med Assoc* 2015; 246, 212-15
6. Csoltova E, Martineau M, Boissy A. Behavioural and physiological reactions of dogs to the veterinary examination: Owner-dog interactions improve canine well-being. *Physiol Behav*. 2017 177:270-281
7. Dawson LC, Dewey CE, Stone EA, et al. Evaluation of a canine and feline behavioural welfare assessment tool for use in companion animal veterinary practice. *Appl Anim Behav Sci* 2018; 201, 67-76
8. Dawson LC, Dewey CE, Stone EA et al. Evaluation of a welfare assessment tool to examine pain assessment and management practices employed in companion animal veterinary clinics. *Can J Vet Res* 2017; 81, 270-279
9. Dawson LC, Dewey CE, Stone EA et. al. A survey of animal welfare experts and practicing veterinarians to identify and explore key factors thought to influence canine and feline welfare in relation to veterinary care. *Anim Welf* 2016; 25, 125-134
10. Demirbas YS, Ozturk BE, Kockaya M et al. Adults ability to interpret canine body language during a dog-child interaction. *Anthrozoös* 2016; 29: 581-596
11. Deriberprey AS, Blew A, Griffin F et al. Effect of physical exam location on heart rate and outward manifestations of signs of fear, anxiety and stress in cats. University of Florida, Veterinary Student Research Poster, 2018



12. Doring D, Roscher A, Scheipl F et. al. Fear related behavior of dogs in veterinary practice. *Vet J*, 2009, 182, 38-43
13. Dunn LS. Positive impact of Fear Free Certification in Veterinary Practices. 2019. <https://cdn-ffpets2.pressidium.com/wp-content/uploads/2019/10/The-Positive-Impact-of-Fear-Free-Certification.pdf>
14. Edwards PT, Hazel SJ, Browne M, et al. Investigating risk factors that predict a dog's fear during veterinary consultations. 2019 *PLOS ONE* 14(7): e0215416. <https://doi.org/10.1371/journal.pone.0215416>
15. Edwards PT, Smith BP, McArthur ML et al. Fearful Fido: investigating dog experience in the veterinary context in an effort to reduce distress. *Appl Anim Behav Sci* 2019; 213, 14-25
16. Ellis SLH, Thompson H, Gujjarro C et al. The influence of body region, handler familiarity, and order of region handled on the domestic cat's response to being stroked. *Appl Anim Behav Sci*, 2015; 173, 60-67
17. Engler W, Bain M. Effect of different types of classical music played at a veterinary hospital on dog behavior and owner satisfaction. *J Am Vet Med Assoc* 2017; 251, 195-200
18. Fullager B, Boysen S, Toy M et al. Sound pressure levels in 2 veterinary intensive care units. *J Vet Intern Med* 2015; 29: 1013-1021
19. Gacsi M, Maros K, Sernkvist S et al. Human Analogue Safe Haven Effect of the Owner: Behavioural and Heart Rate Response to Stressful Social Stimuli in Dogs *PLoS One* 2013. 2013;8 doi: 10.1371/journal.pone.0058475
20. Gilbert C, Mikaelsson A, Gilbert S. Enhancing dogs' welfare during a veterinary consultation; impact of environmental factors and positive interactions before the consultation. Proc 1st annual meeting of the European Congress of Behavioral Medicine and Animal Welfare, Berlin 2018, 254-55
21. Gilbert-Gregory S, Proudfoot K, Stull JW et al. Validation of an anxiety tool to assess stress in hospitalized dogs. Proc Vet Behav Symp, San Antonio 2016; 20
22. Gourkow N, Fraser D. The effect of housing and handling patterns on the welfare, behavior and selection of domestic cats (*Felis sylvestrus catus*) by adopters in an animal shelter. *Anim Welf* 2006; 15, 371
23. Grigg EK, Kogan LR, van Haaften K et al. Cat owners perceptions of psychoactive medications, supplements, and pheromones for the treatment of feline behavior problems. *J Fel Med Surg* 2019; 21, 902-909



24. Hekman J, Karas AZ, Sharp CR. Psychogenic stress in hospitalized dogs; cross species comparisons, implications for health care, and the challenges of evaluation. *Animals* 2014; 4, 331-347
25. Hekman JP, Karas AZ, Dreschel NA Salivary cortisol concentrations and behavior in a population of healthy dogs hospitalized for elective procedures. *Appl Anim Behav Sci* 2012; 141, 149-157.
26. Hernander L. Factors Influencing Dogs' Stress Level in the waiting Room at a Veterinary Clinic. Student Report. Swedish University of Agricultural Sciences, Department of Animal Environment and Health, Ethology and Animal Welfare Programme. 2008. Available online: https://stud.epsilon.slu.se/10787/1/hernander_l_170913.pdf
27. Høglund K, Hanas S, Carnabuci C et al. Blood pressure, heart rate and urinary catecholamines in healthy dogs subjected to different clinical settings. *J Vet Intern Med* 2012; 26, 1300-1208
28. Horn L, Huber L, Range F (2013) The Importance of the Secure Base Effect for Domestic Dogs – Evidence from a Manipulative Problem-Solving Task. *PLoS ONE* 8; doi:10.1371/journal.pone.0065296
29. Kook PH, Boretti FS, Hersberger M et al. Urinary catecholamine and metanephrine to creatinine ratios in healthy dogs at home and in a hospital environment and in 2 dogs with pheochromocytoma. *J Vet Intern Med* 2007; 21, 388-393
30. Kuhne F, Hößler JC, Struwe R. Behavioral and cardiac responses by dogs to physical human-dog contact. *J Vet Behav Clin Appl Res* 2014; 9: 93-97
31. Lefman SH, Prittle JE. Psychogenic stress in hospitalized patients; causation, implications and therapies. *J Vet Med Emerg Crit Care* 2019;29, 2017-120
32. Lilly ML, Arruda AG, Proudfoot KL et al. Evaluation of companion animal behavior knowledge among first-year veterinary students before and after an introductory animal behavior course. *J Am Vet Med Assoc* 2020, 256, 1153-63
33. Lind A-K, Hydbring-Sandberg E, Forkman B et al. Assessing stress in dogs during a visit to a veterinary clinic: correlations between dog behavior in standardized tests and assessments by veterinary staff and owners *J Vet Behav* 2017, 17, 24-31
34. Lockhart J, Wilson K, Lanman C. The effects of operant training on blood collection for domestic cats. *Appl Anim Behav Sci* 2013; 143, 128-134
35. Lue TW, Pantenburg DP, Crawford PM. Impact of the owner-pet and client-veterinary bond on the care that pets receive. *J Am Vet Med Assoc* 2008; 232, 531-536



36. Marino CL, Cober RE, Iazbik MC et al. White coat effect on systemic blood pressure in retired racing greyhounds. *J Vet Intern Med* 2011; 25, 861-865
37. Mariti C, Pierantoni L, Sighieri C, et al. Guardians' perceptions of dogs' welfare and behaviors related to visiting the veterinary clinic. *J Appl Welf Sci* 2017; 20, 24-3
38. Mariti C, Guerrini F, Vallini V, et al. The perception of cat stress by Italian owners. *J Vet Behav* 2017; 20, 74-81
39. Mariti C, Bowen J, Campa S et al. Guardians' perception of cats' welfare and behavior regarding veterinary visits. *J Appl Anim Welf Sci* 2016, 19, 375-384
40. Mariti C, Raspanti E, Zilocchi M, et al. The assessment of dog welfare in the waiting room of a veterinary clinic. *Anim Welf* 2015; 24, 299-305
41. Mariti C, Ricci E, Zilocchi M et al. Owners as a secure base for their dogs. *Behaviour* 2013; 150, 1275-1294
41. Mariti C, Ricci M, Mengoli M et al. Survey of travel related problems in dogs. *Vet Rec* 2012;170:542, doi: 10.1136/vr.100199
42. Mariti C, Gazzano A, Moore JL et al. Perception of dogs' stress by their owners *J Vet Behav* 2012; 7, 213-219
43. McBroom CF, Caron M. Reducing fear in canine veterinary appointments through fear free tactics. Bachelor of Science, Honors, Student Thesis, 2018, Arizona State University (copy available from Fear free)
44. Mellor D. Updating Animal Welfare Thinking: Moving beyond the "Five Freedoms" towards "A Life Worth Living". *Animals* 2016; 6, 21; doi:10.3390/ani6030021
45. Mongillo P, Pitteri E, Carnier P, et al. Does the attachment system towards owners change in aged dogs? *Physiol behave.* 2013; 120, 64-69
46. Moody CM, Mason GJ, Dewey CE. et al. Getting a grip: cats respond negatively to scruffing and clips *Vet Rec* 2019. doi: 10.1136/vr.105261
47. Moody CM, Picketts VA, Mason GJ et al. Can you handle it? Validating negative responses to restraint in cats. *Appl Anim Behav Sci*, 2018, 204: 94-100
48. Moore AM, Bain MJ. Evaluation of the addition of in-cage hiding structures and toys and timing of administration of behavioral assessments with newly relinquished shelter cats. *J Vet Behav* 2013; 8: 450-457
49. Nibblett BM, Ketzis JK, Grigg EK. Comparison of stress exhibited by cats examined in a clinic versus a home setting. *Appl Anim Behav Sci* 2015; 173, 68-75
50. Palestrini C, Previde EP, Spiezio C et al. Heart rate and behavioural responses of dogs in the Ainsworth's Strange Situation: A pilot study. *Appl Anim Behav Sci* 2005; 94, 75-88



51. Partners for Healthy Pets. Reversing the decline in veterinary care utilization; progress made, challenges remain. AAHA/AVMA White Paper. 2014
https://www.partnersforhealthypets.org/Uploads/iv4kcp3e.juc/VetCareUsageStudy_WhitePaper_July2014.pdf
52. Perego R, Proverbio D, Spada E. Increases in heart rate and serum cortisol concentrations in healthy dogs are positively correlated with an indoor waiting-room environment. *Vet Clin Pathol.* 2014;43(1):67–71
53. Pratsch L, Mohr N, Palme R et al. Carrier training cats reduces stress on transport to a veterinary practice. *Appl Anim Behav Sci* 2018, 206; 64–74
54. Rand JS, Kinnaird E, Bagglioni A et al. Acute stress hyperglycemia in cats is associated with struggling and increased concentrations of lactate and norepinephrine. *J Vet Intern Med* 2002; 16: 123–132
55. Quimby JM, Smith ML, Lunn KF. Evaluation of the effects of hospital visit stress on physiologic parameters in the cat. *J Fel Med Surg.* 2011; 13, 733–737
56. Scalia B, Alberghina D, Panzera M. Influence of low stress handling during clinical visit on physiological and behavioural indicators in adult dogs: a preliminary study. *Pet Behav Sci* 2017; 4: 20–22
57. Siracusa C, Manteca X, Cuenca R, et al. Effect of a synthetic appeasing pheromone on behavioral, neuroendocrine, immune, and acute-phase perioperative stress responses in dogs. *J Am Vet Med Assoc* 2010; 237, 673–681
58. Stanford TL. Behavior of dogs entering a veterinary clinic. *Appl Anim Behav Sci* 1981; 7, 271–279
59. Stella JL, Lord LK, Buffington T. Sickness behaviors in response to unusual environmental events in healthy cats and cats with FIC. *J Am Vet Med Assoc* 2011; 1; 67–73
60. Stellato AC, Flint HE, Widowski TM, et al. Assessment of fear-related behaviours displayed by companion dogs (*Canis familiaris*) in response to social and non-social stimuli. *Appl Anim Behav Sci* 2017; 188, 84–90
61. Stellato A. Assessing Strategies for Reducing Dog Fear During Routine Physical Examinations
https://atrium2.lib.uoguelph.ca/xmlui/bitstream/handle/10214/17404/Stellato_Anastasia_2019_PhD.pdf?sequence=4&isAllowed=y
62. Stellato AC et al. Effect of high levels of background noise on dog responses to a routine physical examination in a veterinary setting. *App Anima Behav Sci*, 2019, 214, 64–71



63. Stellato, A.; Jajou, S.; Dewey, C.E.; Widowski, T.M.; Niel, L. Effect of a Standardized Four-Week Desensitization and Counter-Conditioning Training Program on Pre-Existing Veterinary Fear in Companion Dogs. *Animals* 2019, 9, 767
64. Tanaka A, Wagner DC, Kass PH et al. Associations among weight loss, stress, and upper respiratory infection in shelter cats. *J Am Vet Med Assoc* 2012; 240; 570-576
65. Topal J, Miklosi A, Csanyi V et al. Attachment behavior in dogs (*Canis familiaris*): a new application of Ainsworth's (1996) strange situation test. *J. Comp. Psychol.* 1998; 112, 219-229.
66. van Haften KA, Grigg EK, Kolus C, et al. A survey of dog owners' perceptions on the use of psychoactive medications and alternatives for the treatment of canine behavior problems. *J Vet Behav* 2020; 35, 27-33
67. Van Vonderen IK, Kooistra HS, Rijnberk A. Influence of veterinary care on the urine corticoid: creatinine ration in dogs. *J Vet Int Med* 1998; 12, 431-435
68. Volk JO, Felsted KE, Thomas JG, et al. Executive summary of the Bayer veterinary care usage study. *J Am Vet Med Assoc* 2011; 238, 1275-1282
69. Volk JO, Thomas JG, Colleran EJ et al. Executive summary of phase 3 of the Bayer veterinary care usage study. *J Am Vet Med Assoc* 2014; 244: 709-802
70. Westlund K. To feed or not to feed: Counterconditioning in the veterinary clinic. *J Vet Behav* 2015; 10, 433-437
71. Zeiler GE, Fosgate GT, van Vollenhollen E et al. Assessment of behavioural changes in domestic cats during short term hospitalization. 2014; 16, 499-50