

Referências Bibliográficas

PRÓLOGO

1. POPKIN, B. M. et al. Does hunger and satiety drive eating anymore? **Am J Clin Nutr**, v. 91, n. 5, p. 1342–7, 2010.
2. KIENZLE, E. et al. Comparison of the feeding behaviour of the man-animal relationship in owners of normal and obese dogs. **Journal of Nutrition**. v. 128, p. 2779S–82, 1998.
3. TAUBES, G. **Por que engordamos**: e o que fazer a respeito. Tradução de Janaína Marcoantonio. Porto Alegre, RS: L&PM, 2014.
4. BERGMAN, R. N. et al. Abdominal obesity: role in the pathophysiology of metabolic disease and cardiovascular risk. **Am J Med**, v. 120, n. 2, s. 1, S3-8; p. S29-32, 2007.
5. MCGREEVY, P.D. et al. Prevalence of obesity in dogs examined by Australian veterinary practices and the risk factors involved. **The Veterinary Record**, v. 156, p. 695-707, 2005.
6. GERMAN, A. J. The growing problem of obesity in dogs and cats1–3. **J. Nutr**. v. 136, n. 7, p. 1940-1946, 2006.
7. WEETH, L. P. Prevalence of obese dogs in a population of dogs with cancer. **Am J Vet Res**. v. 68, n. 4, p. 389-98, 2007.
8. WAKSHLAG, J. J. et al. The effects of weight loss on adipokines and markers of inflammation in dogs. **Br J Nutr**. n. 106, s. 1, p. 11-4., 2011.
9. LUTZ, T. A. & WOODS, S. C. Overview of animal models of obesity. **Curr Protoc Pharmacol**. c. 5, n. 61, 2012.

Capítulo 1

QUÃO GORDO SÃO NOSSOS CÃES?

1. DE CASTRO, A P. B. **Situação Epidemiológica da Raiva no Brasil**. X Seminário de Vigilância e Controle da Raiva no Estado de São Paulo. Portal da Secretaria da Saúde do Estado de São Paulo, 2017. Disponível em: <<http://www.saude.sp.gov.br/resources/instituto-pasteur/pdf/wrd/2017/palestras/situacaoepidemiologicadaraivanobrasil2017-andreperes02out17.pdf>>. Acesso em: 26 jun. 2018.
2. **National Pet Obesity Awareness Study** [da] Association for Pet Obesity Prevention, 2015. Disponível em: <<http://petobesityprevention.org/pet-obesity-fact-risks/>>. Acesso em: 26 jul. 2017.

Capítulo 2

A EVOLUÇÃO DOS CÃES PODE NOS AJUDAR?

1. TAYLOR, P. et al. Gauging Family Intimacy: Dogs Edge Cats (Dads Trail Both). **Pew Research Center**, A Social Trend Report, p. 1-9, 2006.
2. LAWLER, D. F. et al. Influence of lifetime food restriction on causes, time, and predictors of death in dogs. **J Am Vet Med Assoc**, v. 226, n. 2, p. 225-31, 2005.
3. TEFKOM, G. & BIRCH, N. Do they buy for their dogs the way they buy for themselves? **Psychology & Marketing**. v. 27, n. 9, p. 898–912, 2010.
4. FREI, C. **Pet Industry Statistics Show the Power of Pet Humanization**, 2013. Disponível em: <<http://blog.marketresearch.com/blog-home-page/bid/209521/Pet-Industry-Statistics-Show-the-Power-of-Pet-Humanization>>. Acesso em: 20 out. 2017.
5. HARE, B. & WOODS, V. **The Genius of Dogs** – how dogs are smarter than you think. New York, NY: Penguin Group, 2013.
6. HARARI, Y. N. **Sapiens** – uma breve história da humanidade. Tradução de Janaína Marcoantonio. Porto Alegre, RS: L&PM, 2017.
7. REINACH, F. Assessoria de Imprensa, set. 2006. **Um parasita do afeto humano** Disponível em: <http://www.ufcg.edu.br/prt_ufcg/assessoria_imprensa/mostra_noticia.php?codigo=3884>. Acesso em: 06 out. 2017.
8. **Pet Industry Market Size & Ownership Statistics** [da] American Pet Products Association, 2016. Disponível em: <http://americanpetproducts.org/press_industrytrends.asp>. Acesso em: 14 ago. 2017.

Capítulo 3

DE LOBO, CÃES E RAPOSAS

1. MOREY, D. F. Burying key evidence: the social bond between dogs and people. **Journal of Archaeological Science**, n. 33 p. 158-175, 2006.
2. HARARI, Y. N. **Sapiens** – uma breve história da humanidade. Tradução de Janaína Marcoantonio. Porto Alegre, RS: L&PM, 2017.
3. MOREY, D. F. **Dogs: Domestication and the Development of a Social Bond**. Cambridge, UK. Cambridge University Press, 2010.
4. VONHOLDT, B. M. et al. Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication. **Nature**, v. 464, n. 7290, p. 898-902, 2010.

5. WAYNE, R. K. & OSTRANDER, E. A. Lessons learned from the dog genome. **Trends Genet**, v. 23, n. 11, p. 557-67, 2007.
6. VEERAMAH, K. R. Ancient European dog genomes reveal continuity since the Early Neolithic. **Nature Communications**, n. 16082, 2017.
7. VENN, O. et al. Nonhuman genetics. Strong male bias drives germline mutation in chimpanzees. **Science**, v. 344, n. 6189, p. 1272-5, 2014.
8. HARE, B. & W., Vanessa. **The Genius of Dogs** – how dogs are smarter than you think. New York, NY: Penguin Group, 2013.
9. WALKER, B. L. **The Lost Wolves of Japan**. Washington. Univ of Washington Press, 2008.
10. SCHULOF, D. **Dogs, Dog Food, and Dogma** – the epidemic killing America's dogs and the new science that could save your best friend's life. Salt Lake City, UT: Present Tense Press, 2016.
11. MECH, L. D. Canis lupus. **Mammalian Species**, n. 37, p. 1-6, 1974.
12. KOLER-MATZNICK, J. The origin of the dog revisited. **Journal Anthrozoös**. n. 2, v. 15, 2002.
13. PETERSON, R. O. & CIUCCI, P. **The Wolf as a Carnivore**. In: Wolves: Behavior, ecology, and conservation, MECH, D. & BOITANI, L. The Univ of Chicago Press. p. 104-30, 2003.
14. ALBERT, F. W. et al. Phenotypic differences in behavior, physiology and neurochemistry between rats selected for tameness and for defensive aggression towards humans. **Horm Behav**. v. 53, n. 3, p. 413-21, 2008.
15. COPPINGER, R. & COPPINGER, L. **Dogs: A Startling New Understanding of Canine Origin, Behavior and Evolution**. Scribner Publishing: New York, NY, 2001.
16. SALVADOR, A. & ABAD, P. L. Food habits of a wolf population (Canis lupus) in León province, Spain. **Mammalia**. v. 51, n. 1, p. 45-52, 1987.
17. CUESTA L. et al. The trophic ecology of the Iberian Wolf (Canis lupus signatus Cabrera, 1907). A new analysis of stomach's data. **Mammalia**. v. 55, n. 2, p. 239- 254, 1991.
18. FRITTS, S. H. & MECH, L. D. Dynamics, movements, and feeding ecology of a newly protected wolf population in northwestern Minnesota. **Wildl. Monogr**. n. 80, 1981.
19. SALVADOR, A. & ABAD, P. L. Food habits of a wolf population (Canis lupus) in León province, Spain. **Mammalia**. v. 51, n. 1, p. 45-52, 1987.
20. SIDOROVICH, V.E.; et al. Wolf Canis lupus numbers, diet and damage to livestock in relation to hunting and ungulate abundance in northeastern Belarus during 1990-2000. **Wildl. Biol**. v. 9, n. 2, p. 103-111, 2003.

21. GAZZOLA, A.; et al. Predation by wolves (*Canis lupus*) on wild and domestic ungulates of the western Alps, Italy. **J. Zool.** v. 266, p. 205-213, 2005.
22. **PET Fooled**. Produção de Michael Fossat. Direção de Kohl Harrington. Netflix, 2016. 70min, son., color.
23. FREEDMAN, A. H. et al. Genome Sequencing Highlights the Dynamic Early History of Dogs. **PLoS Genet**, n. 10, v. 1, 2014.
24. BUDIANSKY, S. The Truth About Dogs. **The Atlantic**. Julho 1999.
25. **Raças** [da] Confederação Brasileira de Cinofilia (CBKC). Disponível em: <<http://cbkc.org/racas>>. Acesso em: 15 ago. 2017.
26. GALIBERT, F. et al. Toward understanding dog evolutionary and domestication history. **Comptes Rendus Biologies**, n. 334, p. 190–196, 2011.
27. RITVO, H. **The animal estate**: The English and other creatures in the Victorian age. Cambridge, MA: Harvard University Press, 1989.
28. PARKER, H. G. et al. Genetic structure of the purebred domestic dog. **Science**, n. 5674, v. 304, p. 1160-4, 2004.

Capítulo 4

O QUE OS LOBOS NOS ENSINAM

1. HILDEBRAND, G. V. & GOLDEN, H. N. Body composition of free-ranging wolves (*Canis lupus*). **Canadian Journal of Zoology**, v. 91, n. 1, p. 1-6, 2013.
2. KREEGER, T. J. et al. Effects of fasting and refeeding on body composition of captive gray wolves (*Canis lupus*). **Canadian Journal of Zoology**, v. 75, n. 9, p. 1549-1552, 1997.
3. PETERSON, R. O. & CIUCCI, P. **The Wolf as a Carnivore**. In: Wolves: Behavior, ecology, and conservation, MECH, D. & BOITANI, L. The Univ of Chicago Press. p. 104-30, 2003.
4. KREEGER, T. J. **The Internal Wolf Physiology, Pathology, and Pharmacology**. In: Wolves: Behavior, ecology, and conservation, MECH, D. & BOITANI, L. The Univ of Chicago Press. p. 104-30, 2003.
5. CUBAYNES, S. et al. Density-dependent intraspecific aggression regulates survival in northern Yellowstone wolves (*Canis lupus*). **J Anim Ecol**, v. 83, n. 6, p. 1344-56, 2014.
6. GLICKMAN, L. T. et al. Epidemiologic study of insecticide exposures, obesity, and risk of bladder cancer in household dogs. **J Toxicol Environ Health**, n. 28, v. 4, p. 407-14, 1989.

7. SONNENSCHNEIN, E. G. et al. Body conformation, diet, and risk of breast cancer in pet dogs: a case-control study. **Am J Epidemiol**, n. 133, v. 7, p. 694-703, 1991.
8. WHITE, R. A. S. & WILLIAMS, J. M. Tracheal collapse in the dog - is there really a role for surgery? A survey of 100 cases. **Journal of Small Animal Practice**, n. 4, v. 35, p. 191-196, 1994.
9. BODEY, A. R. & MICHELL, A. R. Epidemiological study of blood pressure in domestic dogs. **Journal of Small Animal Practice**, n. 37, v. 3, p. 116-25. 1996.
10. KEALY, R. D. et al. Five-year longitudinal study on limited food consumption and development of osteoarthritis in coxofemoral joints of dogs. **J Am Vet Med Assoc**, n. 2, v. 210, p. 222-25, 1997.
11. KEALY, R. D. et al. Evaluation of the effect of limited food consumption on radiographic evidence of osteoarthritis in dogs. **J Am Vet Med Assoc**, n. 11, v. 217, p. 1678-80, 2000.
12. KEALY, R. D. et al. Effects of diet restriction on life span and age-related changes in dogs. **J Am Vet Med Assoc**, n. 220, v. 9, p. 1315-20, 2002.
13. GERMAN, A. J. The growing problem of obesity in dogs and cats1-3. **J. Nutr**, v. 136, n. 7, p. 1940-1946, 2006.
14. FLEMING, J. M. et al. Mortality in North American dogs from 1984 to 2004: an investigation into age-, size-, and breed-related causes of death. **J Vet Intern Med**, v. 25, n. 2, p. 187-98, 2011.
15. KIENZLE, E. A comparison of the feeding behavior and the human-animal relationship in owners of normal and obese dogs. **Journal of Nutrition**, n. 128, p. 2779S-2782S, 1998.
16. TAYLOR, R. D. Dog obesity: Owner attitudes and behavior. **Preventive Veterinary Medicine**, n. 92, p. 333-340, 2009.
17. TESFOM, G. & BIRCH, N. Do they buy for their dogs the way they buy for themselves? **Psychology & Marketing**, v. 27, n. 9, p. 898-912, 2010.
18. EASTLAND-JONES, R. C. et al. Owner misperception of canine body condition persists despite use of a body condition score chart. **Journal of Nutritional Science**, v. 3, n. 45, p. 1-5, 2014.
19. KULICK, D. Animais gordos e a dissolução da fronteira entre as espécies. **Mana**, v. 15, n. 2, p. 481-508, 2009.
20. WHITE, G. A. et al. Canine obesity: is there a difference between veterinarian and owner perception? **Journal of Small Animal Practice**, n. 52, v. 12, p. 622-6, 2011.

21. **U.S. Pet Population Gets Fatter; Owners Fail to Recognize Obesity** [da] Association for Pet Obesity Prevention, 2014. Disponível em: <<http://petobesityprevention.org/u-s-pet-population-gets-fatter-owners-fail-to-recognize-obesity/>>. Acesso em: 26 jul. 2017.
22. ZINK, C. **Peak Performance**: Coaching the Canine Athlete Paperback. Ellicott City, MD: Canine Sports Production, 1997.
23. **U.S. Pet Obesity Statistics** [da] Association for Pet Obesity Prevention, 2016. Disponível em: <<http://petobesityprevention.org/2016-u-s-pet-obesity-statistics/>>. Acesso em: 26 jul. 2017.
24. GERMAN, A. J. et al. Obesity, its associated disorders and the role of inflammatory adipokines in companion animals. **Vet J**, n. 185, v. 1, p. 4-9, 2010.
25. WAKSHLAG, J. J. et al. The effects of weight loss on adipokines and markers of inflammation in dogs. **Br J Nutr**, n. 106, s. 1, p. 11-4., 2011.
26. KEALY, R. D. et al. Effects of diet restriction on life span and age-related changes in dogs. **J Am Vet Med Assoc**, n. 220, v. 9, p. 1315-20, 2002.
27. TAYLOR, D. H. Benefits of Smoking Cessation for Longevity. **Am J Public Health**, n. 92, v. 6, p. 990–996, 2002.
28. FASCETTI, A. J. & DELANEY, S. J. **Applied Veterinary Clinical Nutrition**. 1st edition: John Wiley & Sons, Inc. Ames, LA. 2012.
29. ETTINGER, S. J. & FELDMAN, E. C. **Tratado de Medicina Interna Veterinária - Doenças do Cão e do Gato**. Guanabara Koogan, 2004.
30. CASE et al. **Canine and Feline Nutrition** – a resource for companion animal professionals. 3rd edition Maryland heights, MO: Mosby, Inc, 2011.

Capítulo 5

A OBESIDADE COMO FRUTO DO BALANÇO CALÓRICO

1. SILVER, N. **O sinal e o ruído**: por que tantas previsões falham e outras não. 1. ed. Rio de Janeiro: Intrínseca, 2013.
2. BANTING, W. **Letter On Corpulence**, Addressed to the Public. 3. ed. London: Harrison, 59, Pall Mall, 1864.
3. ANON. A Critique of Low-Carbohydrate Ketogenic Weight Reduction Regimens: a Review of “Dr. Atkins” Diet Revolution. **American Medical Association**, v. 224, n. 10, p. 1415-1419, 1973.
4. BRUCH, H. **The Importance of overweight**. Nova Iorque: W. W. Norton, 1957.

5. FELTHAM, S. **Why I Didn't Get Fat From Eating 5,794 Calories a Day**, 2013. Disponível em: <http://www.huffingtonpost.co.uk/sam-feltham/why-i-didnt-get-fat-from-eating-too-much_b_3428524.html>. Acesso em: 02 dez. 2017.
6. ANON. A Critique of Low-Carbohydrate Ketogenic Weight Reduction Regimens: a Review of "Dr. Atkins" Diet Revolution. **American Medical Association**, v. 224, n. 10, p. 1415-1419, 1973.
7. EBBELING, C. B. et al. Effects of dietary composition on energy expenditure during weight-loss maintenance. **JAMA**, v. 307, n. 24, p. 2627-34, 2012.
8. PAWLAK, D. B. et al. Effects of dietary glycaemic index on adiposity, glucose homeostasis, and plasma lipids in animals. **The Lancet**, v. 364, n. 9436, p. 778-85, 2004.
9. ASTRAND, O., et al. Weight gain by hyperalimentation elevates C-reactive protein levels but does not affect circulating levels of adiponectin or resistin in healthy subjects. **Eur J Endocrinol.**, v. 163, n. 6, p. 879-85, 2010.
10. HORTON, T. J. et al. Fat and carbohydrate overfeeding in humans: different effects on energy storage. **Am J Clin Nutr.**, v. 62, n. 1, p. 19-29, 1995.
11. McDEVITT, R. M. et al. Macronutrient disposal during controlled overfeeding with glucose, fructose, sucrose, or fat in lean and obese women. **Am J Clin Nutr.**, v. 72, p. 369-377, 2000.
12. DIAZ, E. O. et al. Metabolic response to experimental overfeeding in lean and overweight healthy volunteers. **Am J Clin Nutr.**, v. 56, p. 641-655, 1992.
13. ROUST, L. R. et al. Effects of isoenergetic, low-fat diets on energy metabolism in lean and obese women. **Am J Clin Nutr.**, v. 60, p. 470-475, 1994.
14. STUNKARD, A. & MCLAREN-HUME, M. The Results of Treatment for Obesity: a Review of the Literature and a Report of a Series. **Archives of Internal Medicine**, v. 103, n. 1, p. 79-85, 1959.
15. GARDNER, C. et al. Comparison of the Atkins, Zone, Ornish, and learn diets for change in weight and related risk factors among overweight premenopausal women: the A to Z weight loss study: a randomized trial. **JAMA**, v. 297, n. 9, p. 969-77, 2007.
16. YANCY, W. S. Jr. et al. A low-carbohydrate, ketogenic diet *versus* a low-fat diet to treat obesity and hyperlipidemia: a randomized, controlled trial. **Ann Intern Med.**, v. 140, n. 10, p. 769-77, 2004.
17. HOWARD, B. V. et al. Low-fat dietary pattern and weight change over 7 years: the Women's Health Initiative Dietary Modification Trial. **JAMA**, v. 295 (1), p. 39-49, 2006.
18. DANSINGER, M. L. et al. Meta-analysis: the effect of dietary counseling for weight loss. **Ann Intern Med.** v. 3, v. 147, n. 1, p. 41-50, 2007.

19. TAUBES, G. **Good calories, bad calories: fats, carbs, and the controversial science of diet and health**. New York: Anchor Books, 2007.
20. TAUBES, G. **Por que engordamos: e o que fazer a respeito**. Tradução de Janaína Marcoantonio. Porto Alegre, RS: L&PM, 2014.
21. MOZAFFARIAN, D. et al. Changes in diet and lifestyle and long-term weight gain in women and men. **N Engl J Med.**, v. 364, n. 25, p. 2392-404, 2011.
22. HARGROVE, J. L. Does the history of food energy units suggest a solution to "Calorie confusion"? **Nutr J.**, v. 6, p. 44, 2007.
23. MANNINEN, A. H. Is a calorie really a calorie? Metabolic advantage of low-carbohydrate diets. **J Int Soc Sports Nutr.**, v. 1, n. 2, p. 21-6, 2004.
24. BREHM, B. J. et al. A randomized trial comparing a very low carbohydrate diet and a calorie-restricted low fat diet on body weight and cardiovascular risk factors in healthy women. **J Clin Endocrinol Metab.**, v. 88, n. 4, p. 1617-23, 2003.
25. YANCY, W. S. Jr. et al. A low-carbohydrate, ketogenic diet *versus* a low-fat diet to treat obesity and hyperlipidemia: a randomized, controlled trial. **Ann Intern Med.**, v. 140, n. 10, p. 769-77, 2004.
26. WESTMAN, E. C. et al. The effect of a low-carbohydrate, ketogenic diet versus a low-glycemic index diet on glycemic control in type 2 diabetes mellitus. **Nutr Metab (Lond)**, v. 5, p. 36, 2008.
27. FEINMAN, R. et al. "A calorie is a calorie" violates the second law of thermodynamics. **Nutr J.**, v. 3, p. 9, 2004.
28. KEKWICK, A. et al. Calorie intake in relation to body-weight changes in the obese. **The Lancet**, v. 271, p. 155-61, 1956.
29. NOVOTNY, J.A. et al. Discrepancy between the Atwater factor predicted and empirically measured energy values of almonds in human diets. **Am J Clin Nutr.**, v. 96, n. 2, p. 296-301, 2012.
30. MATTES, R. D. et al. Impact of peanuts and tree nuts on body weight and healthy weight loss in adults. **J. Nutr.**, v. 138, p. 1741S-1745S, 2008.
31. JOHNSTON, C. S. et al. Postprandial thermogenesis is increased 100% on a high-protein, low-fat diet versus a high-carbohydrate, low-fat diet in healthy, young women. **J Am Coll Nutr.**, v. 21, n. 1, p. 55-61, 2012.
32. ACHESON, K. J. et al. Protein choices targeting thermogenesis and metabolism. **Am J Clin Nutr.**, v. 93, n. 3, p. 525-34, 2011.
33. VELDHORST, M. A. et al. Presence or absence of carbohydrates and the proportion of fat in a high-protein diet affect appetite suppression but not energy

expenditure in normal-weight human subjects fed in energy balance. **Br J Nutr.**, v. 104, n. 9, p. 1395-405, 2010.

34. BATTERHAM, R. L. et al. Critical role for peptide YY in protein-mediated satiation and body-weight regulation. **Cell Metabolism**, v. 4, n. 3, p. 223-233, 2006.

35. BATTERHAM, R. L. et al. Gut hormone PYY (3-36) physiologically inhibits food intake. **Nature**, v. 418, n. 6898, p. 650-4, 2002.

36. CHUNGCHUNLAM, S. M. S. et al. Dietary whey protein influences plasma satiety-related hormones and plasma amino acids in normal-weight adult women. **European Journal of Clinical Nutrition**, v. 69, p. 179–186; 2015.

37. LENNERZ, B. S. et al. Effects of dietary glycemic index on brain regions related to reward and craving in men. **Am J Clin Nutr.**, v. 98, n. 3, p. 641–647, 2013.

38. SKINNER, B. F. **The Behavior of Organisms: An Experimental Analysis.** Appleton - Century - Crofts, Inc., New York, 1938.

39. KUMAZAWA, T. & KURIHARA, K. Large enhancement of canine taste responses to sugars by salts. **J Gen Physiol**, v. 95, n. 5, p. 1007-18, 1990.

40. COLANTUONI C. et al. Excessive sugar intake alters binding to dopamine and mu-opioid receptors in the brain. **Neuroreport**, v. 12, n. 16, p. 3549-52, 2001.

Capítulo 6

O PAPEL DA INSULINA

1. BERSON, S. A. & YALOW, R. S. The Banting Memorial Lecture 1965: Some Current Controversies in Diabetes Research. **Diabetes**, v. 14, n. 9, p. 549-572, 1965.

2. NGUYEN, P. et al. Composition of meal influences changes in postprandial incremental glucose and insulin in healthy dogs. **J Nutr**, v. 124, n. 12, p. 2707S-2711S, 1994.

3. NGUYEN, P. et al. Glycemic and Insulinemic Responses after Ingestion of Commercial Foods in Healthy Dogs: Influence of Food Composition^{1,2}. **J. Nutr**, v. 128, n. 12, p. 2654S-2658S, 1998.

4. De OLIVEIRA, L. D. et al. Effects of six carbohydrate sources on diet digestibility and postprandial glucose and insulin responses in cats. **J Anim Sci**, v. 86, n. 9, p. 2237-46, 2008.

5. Action to Control Cardiovascular Risk in Diabetes Study Group: Effects of Intensive Glucose Lowering in Type 2 Diabetes. **New England Journal of Medicine**, v. 358, n. 24, p. 2545-2559, 2008.

Capítulo 7

CÃES COMENDO MUITO: CAUSA OU CONSEQUÊNCIA DE SUA OBESIDADE

1. CASE et al. **Canine and Feline Nutrition** – a resource for companion animal professionals. 3rd edition Maryland heights, MO: Mosby, Inc, 2011.
2. LUDWIG, D. S. et al. Increasing adiposity: consequence or cause of overeating? **JAMA**, v. 311, n. 21, p. 2167-2168, 2014.
3. WADE, G. N. & SCHNEIDER, J. E. Metabolic Fuels and Reproduction in Female Mammals. **Neuroscience and Behavioral Reviews**, v. 16, n. 2, p. 235-272, 1992.
4. FLIER, J. S. & MARATOS-FLIER, E. What Fuels Fat. **Scientific American**, v. 297, n. 3, p. 72-81, 2007.
5. NEWBURGH, L. H. The Cause of Obesity. **Journal of the American Medical Association**, v. 97, n. 23, p. 1659-1663, 1931.

Capítulo 8

SEU CACHORRO VAI EMAGRECER FAZENDO MAIS ATIVIDADE?

1. SHEARER, P. **Literature Review – Canine, Feline and Human Overweight and Obesity**. Banfield Applied Research & Knowledge Team, Agosto, 2010.
2. FLIER, J. S. & MARATOS-FLIER, E. What Fuels Fat. **Scientific American**, v. 297, n. 3, p. 72-81, 2007.
3. WING, R. R. Physical activity in the treatment of the adulthood overweight and obesity: current evidence and research issues. **Med Sci Sports Exerc**, v. 31, n. 11, p. S547-52, 1999.
4. GARROW, J. S. & SUMMERBELL C. D. Meta-analysis: effect of exercise, with or without dieting, on the body composition of overweight subjects. **Eur J Clin Nutr**, v. 49, n. 1, p. 1-10, 1995.
5. WAREHAM, N.J. et al. Physical activity and obesity prevention: a review of the current evidence. **Proc Nutr Soc**, v. 64, n. 2, p. 229-47, 2005.
6. HASKELL, W. L. et. al. Physical Activity and Public Health Updated Recommendation for Adults From the American College of Sports Medicine and the American Heart Association. **Circulation**, Agosto, 2007.
7. FOGELHOLM, M. & KUKKONEN-HARJULA, K. Does physical activity prevent weight gain--a systematic review. **Obes Rev**, v. 1, n. 2, p. 95-111, 2000.
8. National Research Council (U.S.) - Ad Hoc Committee on Dog and Cat Nutrition, 2006. **Nutrient Requirements of Dogs and Cats**. Washington, D. C.: The National Academies Press, 2006.

9. BELPEDIO, C. Understanding Kennel Stress in Canines (*Canis lupus familiaris*) — A Review of the Literature. **Journal of Applied Companion Animal Behavior**. v. 4, n. 1, p. 7-14, 2010.
10. MAYER, J. **Overweight: Causes, Cost, and Control**. Englewood Cliffs, NJ: Prentice-Hall, 1968.
11. HOWARD, B. V. et al. Low-fat dietary pattern and risk of cardiovascular disease: the women's health initiative randomized controlled dietary modification trial. **JAMA**, v. 295, n. 6, p. 655- 66, 2006.
12. CHURCH, T. S. et al. Effects of different doses of physical activity on cardiorespiratory fitness among sedentary, overweight or obese postmenopausal women with elevated blood pressure: a randomized controlled trial. **JAMA**, v. 297, n. 19, p. 2081-2091, 2007.
13. SONNEVILLE, K. R. et al. Total energy intake, adolescent discretionary behaviors and the energy gap. **Int J Obes (Lond)**, v. 32 p. 19-27, 2008.
14. METCALF, B. S. et al. Fatness leads to inactivity, but inactivity does not lead to fatness: a longitudinal study in children (EarlyBird 45). **Arch Dis Child**, v. 96, p. 942-947, 2011.
15. CUTT, H. et al. Understanding dog owners' increased levels of physical activity: Results from RESIDE. **American Journal of Public Health**, v. 98, n. 1, p. 66-69, 2008.
16. JOHNSON, R. A. et al. **The Health Benefits of Dog Walking for People and Pets: Evidence and Case Studies**. Purdue University Press, 2011.
17. KEYS, A. et al. **The Biology of Human Starvation: Volume I**, The University of Minnesota Press, 1950.
18. GANO, B. F. Human vitality and efficiency under prolonged restricted diet. **Carnegie Institute of Washington**, 1919.
19. FOTHERGILL, E. et al. Persistent metabolic adaptation 6 years after "The Biggest Loser" competition. **Obesity**, v. 24, n. 8, p. 1612–1619, 2016.
20. JOHANNSEN, D. L. et al. Metabolic slowing with massive weight loss despite preservation of fat-free mass. **J Clin Endocrinol Metab**, v. 97, n. 7, p. 2489-96, 2012.
21. KNUTH, N. D. et al. Metabolic adaptation following massive weight loss is related to the degree of energy imbalance and changes in circulating leptin. **Obesity**, v. 22, n. 12, p. 2563–2569, 2014.
22. DAS, S. K. et al. Long-term changes in energy expenditure and body composition after massive weight loss induced by gastric bypass surgery. **Am J Clin Nutr**, v. 78, n. 1, p. 22-30, 2003.

23. HARRIS, K. C. et al. Effect of school-based physical activity interventions on body mass index in children: a meta-analysis. **CMAJ**, v. 180, n. 7, 2009.
24. MURA, G. et al. Physical Activity Interventions in Schools for Improving Lifestyle in European Countries. **Clin Pract Epidemiol Ment Health**, v. 11, Suppl 1 M5, p. 77–101, 2015.
25. CESA, C. C. et al. Physical activity and cardiovascular risk factors in children: meta-analysis of randomized clinical trials. **Preventive Medicine**, v. 69, p. 54-62, 2014.
26. FREMEAUX, A. E. et al. The impact of school-time activity on total physical activity: the activitystat hypothesis (EarlyBird 46). **Int J Obes (Lond)**, v. 35, n. 10, p. 1277-83, 2011.
27. MOLLER, N. C. et al. Do extra compulsory physical education lessons mean more physically active children - findings from the childhood health, activity, and motor performance school study Denmark (The CHAMPS-study DK). **Int J Behav Nutr Phys Act**, v. 11, p. 121, 2014.
28. MOHOLDT, T. et al. Current physical activity guidelines for health are insufficient to mitigate long-term weight gain: more data in the fitness versus fatness debate (The HUNT study, Norway). **Br J Sports Med**, 2014.
29. EBERSOLE, K. et al. Energy Expenditure and Adiposity in Nigerian and African American Women. **Obesity** (Silver Spring), v. 16, n. 9, p. 2148–2154, 2008.
30. DUGAS, L. R. et al. Energy expenditure in adults living in developing compared with industrialized countries: a meta-analysis of doubly labeled water studies. **Am J Clin Nutr**, v. 93, n. 2, p. 427-41, 2011.
31. MAY, A. M. et al. Effect of change in physical activity on body fatness over a 10-y period in the Doetinchem Cohort Study. **Am J Clin Nutr**, v. 92, n. 3, p. 491-9, 2010.
32. HANKINSON, A. L. et al. Maintaining a High Physical Activity Level Over 20 Years and Weight Gain. **JAMA**, v. 304, n. 23, p. 2603-2610, 2010.
33. RICHARDSON, C. R. et al. A Meta-Analysis of Pedometer-Based Walking Interventions and Weight Loss. **Ann Fam Med**, v. 6, n. 1, p. 69–77, 2008.
34. MCTIERNAN, A. et al. Exercise effect on weight and body fat in men and women. **Obesity** (Silver Spring), v. 15, n. 6, p. 1496-512, 2007.
35. LEE, I. M. et al. Physical Activity and Weight Gain Prevention. **JAMA**, v. 303, n. 12, 2010.
36. JAKICIC, J. M. et al. The Effect of Physical Activity on 18-Month Weight Change in Overweight Adults. **Obesity** (Silver Spring), v. 19, n. 1, p. 100–109, 2011.

37. METCALF, B. S. et al. Fatness leads to inactivity, but inactivity does not lead to fatness: a longitudinal study in children. **Arch Dis Child**, v. 96, p. 942-947, 2011.
38. LIN, X. et al. Effects of Exercise Training on Cardiorespiratory Fitness and Biomarkers of Cardiometabolic Health: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. **J Am Heart Assoc.**, v. 4, n. 7, 2015.
39. JANSSEN, G. M. et al. Food intake and body composition in novice athletes during a training period to run a marathon. **Int J Sports Med**, v. 10, Suppl 1, p. S17-21, 1989.
40. **O retrato das maratonas brasileiras.** Disponível em: <<https://infogr.am/a-maratona-e-os-brasileiros/>>. Acesso em: 12 set. 2017.
41. GWINUP, G. Effect of exercise alone on the weight of obese women. **Arch Intern Med**, v. 135, n. 5, p. 676-80, 1975.
42. SVENDSEN, O. L. et al. Effect of an energy-restrictive diet, with or without exercise, on lean tissue mass, resting metabolic rate, cardiovascular risk factors, and bone in overweight postmenopausal women. **Am J Med**, v. 95, n. 2, p. 131-40, 1993.
43. BROCHU, M. et al. Resistance training does not contribute to improving the metabolic profile after a 6-month weight loss program in overweight and obese postmenopausal women. **J Clin Endocrinol Metab**, v. 94, n. 9, p. 3226-33, 2009.
44. FOSTER-SCHUBERT, K. E. et al. Effect of diet and exercise, alone or combined, on weight and body composition in overweight-to-obese postmenopausal women. **Obesity** (Silver Spring), v. 20, n. 8, p. 1628-38, 2012.
45. SARIS, W. H. et al. How much physical activity is enough to prevent unhealthy weight gain? Outcome of the IASO 1st Stock Conference and consensus statement. **Obes Ver**, v. 4, n. 2, p. 101-14, 2003.
46. LARSON, B. T. et al. Improved glucose tolerance with lifetime diet restriction favorably affects disease and survival in dogs. **J Nutr**, v. 133, n. 9, p. 2887-92, 2003.
47. KEALY, R. D. et al. Effects of diet restriction on life span and age related changes in dogs. **Journal of American Veterinary Medical Association**, n. 220, p. 1315-20, 2002.
48. RAND, J.S. et al. Canine and feline diabetes mellitus: nature or nurture? **Journal of Nutrition**, v. 134, p. 2072S-80S, 2004.
49. TVARIJONAVICIUTE et al.: Obesity-related metabolic dysfunction in dogs: a comparison with human metabolic syndrome. **BMC Veterinary Research**. v. 8, p. 147, 2012.

Capítulo 9

A INSULINA E O PESO DO SEU CÃO

1. GROSSELLIN, J. et al. J. Canine obesity – an overview. **Journal of Veterinary Pharmacology and Therapy**. v. 30, p. 1-10, 2007.
2. CASE, L. P. et al. **Nutrição canina e felina: Manual para profissionais**. Madrid: Hartcort, 1998.
3. EDNEY, A. T. & SMITH, P. M. Study of obesity in dogs visiting veterinary practices in the United Kingdom. **Veterinary Record**. v. 118, p. 391–6, 1986.
4. BURKHOLDER, W. J. Precision and practicality of methods assessing body composition of dogs and cats. **Compendium on Continuing Education for the Practicing Veterinarian**, n. 1, v. 23, p. 10, 2001.
5. SCARLETT, J. M. et al. Overweight cats: prevalence and risk factors. **International Journal of Obesity and Related Metabolic Disorders**. v. 18, p. S22–8, 1994.
6. McGREEVY, P.D. et al. Prevalence of obesity in dogs examined by Australian veterinary practices and the risk factors involved. **The Veterinary Record**, v. 156, p. 695-707, 2005.
7. ROOT, M. V. et al. Effect of prepuberal and postpuberal gonadectomy on heat production measured by indirect calorimetry in male and female domestic cats. **American Journal of Veterinary Research**. v. 57, p. 371–4, 1996.
8. HOENIG, M. & FERGUSON, D. C. Effects of neutering on hormonal concentrations and energy requirements in cats. **Journal of American Veterinary Medical Research**. v. 63, p. 634–9, 2002.
9. WEETH, L. P. et al. Prevalence of obese dogs in a population of dogs with cancer. **American Journal of Veterinary Research**. v. 68, n. 4, p. 389-398, 2007.
10. FLYNN, M.F. et al. Effect of ovariohysterectomy on maintenance energy requirements in cats. **Journal of American Veterinary Medical Association**. v. 209, p. 1572–81, 1996.
11. HARPER, E. J. et al. Effect of feeding regimens on body weight, composition and condition score in cats following ovariohysterectomy. **Journal of Small Animal Practice**. v. 42, p. 433–8, 2001.
12. KANCHUK, M. L. et al. Weight gain in gonadectomized normal and lipoprotein lipase-deficient male domestic cats results from increased food intake and not decreased energy expenditure. **Journal of Nutrition**. v. 133, p. 1866–74, 2003.
13. BERSON, S A. & YALOW, R. S. The Banting Memorial Lecture 1965: Some Current Controversies in Diabetes Research. **Diabetes**, v. 14, n. 9, p. 549-572, 1965.

Capítulo 10

O QUE OS CÃES COMIAM ONTEM. O QUE COMEM HOJE?

1. PARKER, H. G. et al. Genetic structure of the purebred domestic dog. **Science**, n. 5674, v. 304, p. 1160-4, 2004.
2. STAHLER, D. R. Foraging and feeding ecology of the gray wolf (*Canis lupus*): lessons from Yellowstone National Park, Wyoming, USA. **J Nutr**, v. 136, s. 7, p. 1923S-1926S, 2006.
3. MULLER, S. **Diet composition of wolves (*Canis lupus*) on the Scandinavian peninsula determined by scat analysis**, 2006. Disponível em: <https://www.slu.se/globalassets/ew/org/inst/ekol/forskning/projekt/skandulv/publikationer/studentarbeten/muller-2006-diet-composition-of-wolves-on-the-scandinavian-peninsula-determined-by-scat-analysis.pdf>. Acesso em: 30 jun. 2018.
4. GADE-JØRGENSEN, I. & STAGEGAARD, R. Diet composition of wolves *Canis lupus* in east-central Finland. **Acta Theriologica**. v. 45, n. 4, p. 537-547, 2000.
5. OLSSON, O. et al. Wolf *Canis lupus* predation on moose *Alces alces* and roe deer *Capreolus capreolus* in south-central Scandinavia. **Wildl. Biol.** v. 3, n. 1, p. 13-25, 1997.
6. ØSTRENG, O. C. Wolves (*Canis lupus*) in the counties of Akershus and Østfold – diet in the summer and prey selectivity. **Institutt for Biologi og Naturforvaltning. Norges Landbrukshøgskole**. p. 41, 2000.
7. MECH, D. & BOITANI, L. **Wolves: Behavior, ecology, and conservation**. The Univ of Chicago Press, 2003.
8. SUEDA, K. L. C. et al. Characterisation of plant eating in dogs. **Applied Animal Behaviour Science**. v. 111, n. 1-2, p. 120-132, 2008.
9. HART, B. L. **Why do they do that? Eating grass, predicting earthquakes, purring, getting sick and more (Proceedings)**, 2008. Disponível em: <http://veterinarycalendar.dvm360.com/why-do-they-do-eating-grass-predicting-earthquakes-purring-getting-sick-and-more-proceedings> Acesso em: 30 jun. 2018.
10. DIEZ, M. et al. Weight loss in obese dogs: evaluation of a high-protein, low-carbohydrate diet. **J Nutr**, v. 132, n. 6, s. 2, p. 1685S-7S, 2002.
11. LAFLAMME, D. P. & Hannah, S. S. Increased Dietary Protein Promotes Fat Loss and Reduces Loss of Lean Body Mass During Weight Loss in Cats. **Intern J Appl Res Vet Med**, v. 3, n. 2, 2005.
12. BIERER, T. L. & BUI, L. M. High-Protein Low-Carbohydrate Diets Enhance Weight Loss in Dogs. **J. Nutr**, v. 134, n. 8, p. 2087S-2089S, 2004.
13. HOENIG, M. et al. Insulin sensitivity, fat distribution, and adipocytokine response to different diets in lean and obese cats before and after weight loss. **Am J Physiol Regul Integr Comp Physiol**, v. 292, n. 1, p. R227-34, 2007.

14. VASCONCELLOS, R. S. et al. Protein intake during weight loss influences the energy required for weight loss and maintenance in cats. **J Nutr**, v. 139, n. 5, p. 855-60, 2009.
15. Des COURTIS, X. et al. Influence of dietary protein level on body composition and energy expenditure in calorically restricted overweight cats. **J Anim Physiol Anim Nutr (Berl)**, v. 99, n. 3, p. 474-82, 2015.
16. FREEDMAN, A. H. et al. Genome Sequencing Highlights the Dynamic Early History of Dogs. **PLoS Genet**, n. 10, v. 1, 2014.
17. AXELSSON, E. et al. The genomic signature of dog domestication reveals adaptation to a starch-rich diet. **Nature**, v. 495, n. 7441, p. 360-4, 2013.
18. DUKES, H. H. **The physiology of domestic animals**. Ithaca, NY: Cornell Univ. Press, 1955.
19. DA CUNHA, C. F. **Screening para Amilase Salivar em Cães de diferentes raças**. 15º Congresso Nacional de Iniciação Científica. Disponível em: <<http://conic-semesp.org.br/anais/files/2015/trabalho-1000019241.pdf>>. Acesso em: 18 out. 2017.
20. National Research Council (U.S.) - Ad Hoc Committee on Dog and Cat Nutrition. **Nutrient Requirements of Dogs and Cats**. Washington, D. C.: The National Academies Press, 2006.
21. BELO, P. S., et al. Influence of diet on glucose tolerance, on the rate of glucose utilization and on gluconeogenic enzyme activities in the dog. **J Nutr**, v. 106, n. 10, p. 1465-74, 1976.
22. VELDHORST, M. A. B. et al. Gluconeogenesis and energy expenditure after a high-protein, carbohydrate-free diet. **Am J Clin Nutr.**, v. 90, p. 519-26, 2009.
23. CAHILL, G.F. Starvation in man. **N Engl J Med.**, v. 282, p. 668-75, 1970.
24. HARPER, A. E. **Defining the essentiality of nutrients. Modern nutrition in health and disease**. 9 ed. Boston: William e Wilkins, p. 3-10, 1999.
25. YOUNG, D. R. et al. Effect of time after feeding and carbohydrate or water supplement on work in dogs. **Journal of Applied Physiology**, v. 14, n. 6, p. 1013-1017, 1959.
26. FALECKA-WIECZOREK, I. & KACIUBA-USCILKO, H. Metabolic and hormonal responses to prolonged physical exercise in dogs after a single fat-enriched meal. **Eur J Appl Physiol Occup Physiol**, v. 53, n. 3, p. 267-73, 1984.
27. KRONFELD, D. S. Diet and the performance of racing sled dogs. **J Am Vet Med Assoc**, v. 162, n. 6, p. 470-3, 1973.

28. HINCHCLIFF, K. W. et al. Metabolizable energy intake and sustained energy expenditure of Alaskan sled dogs during heavy exertion in the cold. **Am J Vet Res**, v. 58, n. 12, p. 1457-62, 1997.
29. LOFTUS, J. P. et al. Energy requirements for racing endurance sled dogs. **J Nutr Sci**, v. 3, n. e34, 2014.
30. GRANDJEAN, D & PARAGON, B. M. Nutrition of racing and working dogs. Part I. Energy metabolism of dogs. **Compendium**, v. 1412, p. 1608-1615, 1992.
31. McKENZIE, E. et al. Recovery of muscle glycogen concentrations in sled dogs during prolonged exercise. **Med Sci Sports Exerc**. v. 37, n. 8, p. 1307-12, 2005.
32. **Athletic Performance** [da] Winning Formula. Disponível em: <<http://www.winningformula.net.au/greyhound-performance.html>>. Acesso em: 17 jul. 2018.
33. KOHNKE, J. R. **Feeding the racing greyhound**, 2007. Disponível em: <<https://en.engormix.com/pets/articles/feeding-racing-greyhound-t33659.htm>>. Acesso em: 17 jul. 2018.
34. HILL, R. C. et al. Effect of mild restriction of food intake on the speed of racing Greyhounds. **Am J Vet Res**. v. 66, n. 6, p. 1065-70, 2005.
35. HILL, R. C. et al. Maintenance energy requirements and the effect of diet on performance of racing Greyhounds. **Am J Vet Res**. v. 61, n. 12, p. 1566-73, 2000.
36. HEWSON-HUGHES, A. K. et. al. Geometric analysis of macronutrient selection in breeds of the domestic dog, *Canis lupus familiaris*. **Behav Ecol**, v. 24, n. 1, p. 293–304, 2013.
37. HALL, J. A. et al. **Journal of Experimental Biology**. When fed foods with similar palatability, healthy adult dogs and cats choose different macronutrient compositions, 2018.

Capítulo 11

AS RAÇÕES PODEM EXPLICAR A OBESIDADE?

1. National Research Council (U.S.) - Ad Hoc Committee on Dog and Cat Nutrition, 2006. **Nutrient Requirements of Dogs and Cats**. Washington, D. C.: The National Academies Press, 2006.
2. HEWSON-HUGHES, A. K. et. al. Geometric analysis of macronutrient selection in breeds of the domestic dog, *Canis lupus familiaris*. **Behav Ecol**. v. 24, n. 1, p. 293–304, 2013.
3. CASE, L. P. **Dog Food Logic**: Making Smart Decisions for Your Dog in an Age of Too Many Choices. Wenatchee, WA: Dogwise Publishing, 2014.

4. LANE, C. H. **Dog Shows and Doggy People**. London, UK: Hutchinson, 1902.
5. SCHAFFER, M. **One Nation Under Dog**: Adventures in the New World of Prozac-Popping Puppies, Dog-Park Politics, and Organic Pet Food. New York, NY: Henry Holt & Co, 2009.
6. SCHULOF, D. **Dogs, Dog Food, and Dogma** – the epidemic killing America's dogs and the new science that could save your best friend's life. Salt Lake City, UT: Present Tense Press, 2016.
7. **PET Fooled**. Produção de Michael Fossat. Direção de Kohl Harrington. Netflix, 2016. 70min, son., color.
8. NESTLE, M. **Pet Food Politics**: The Chihuahua in the Coal Mine. Berkeley and Los Angeles, CA: University of California Press, 2008.
9. KUMAZAWA, T. & KURIHARA, K. Large enhancement of canine taste responses to sugars by salts. **J Gen Physiol**, v. 95, n. 5, p. 1007-18, 1990.
10. COLANTUONI C. et al. Excessive sugar intake alters binding to dopamine and mu-opioid receptors in the brain. **Neuroreport**, v. 12, n. 16, p. 3549-52, 2001.
11. HERZOG, H. **Some We Love, Some We Hate, Some We Eat**: Why It's So Hard to Think Straight About Animals (P.S.). HarperCollins Publishers, 2011.
12. FOX, M. W. et al. **Not Fit for a Dog!**: The Truth About Manufactured Dog and Cat Food. Fresno, CA: Linden Publishing.
13. WARD, E. **Chow Hounds**: why our dogs are getting fatter – a Vet's plan to save their lives. Deerfield Beach, FL.: Health Communications, 2010.
14. WARTELLA, E. A. et al. **Institute of Medicine (US) Committee on Examination of Front-of-Package Nutrition Rating Systems and Symbols: Phase I Report**. Washington (DC): National Academies Press (US), 2010.
15. BURNS, K. Calories to appear on pet food labels. **JAVMA News**, Agosto, 2013.

Capítulo 12

O SEU ANIMAL ESTÁ OBESO? QUÃO GORDO?

1. MÜLLER, D. C. M. et al. Adaptação do índice massa corporal humano para cães. **Ciência Rural**. v. 38, n. 4, p. 1038-1043, 2008.
2. GERMAN, A. J. The growing problem of obesity in dogs and cats 1–3. **J. Nutr**, v. 136, n. 7, p. 1940-1946, 2006.
3. ZINK, C. **Peak Performance**: Coaching the Canine Athlete Paperback. Ellicott City, MD: Canine Sports Production, 1997.

4. SUCH & Z. R. & GERMAN, A. J. Best in show but not best shape: a photographic assessment of show dog body condition. **British Veterinary Association**, v. 177, n. 5, p. 125.
5. ELLIOT, D. A. Techniques to asses body composition in dogs and cats. **Waltham Focus**. v. 16, n. 1, p. 16-20, 2006
6. GUIMARÃES, P. L. S. N. **Conformação corporal e bioquímica sanguínea de cadelas adultas castradas alimentadas ad libitum**. 2009. 71f. Tese (Doutorado em Ciência Animal) - Escola de Veterinária, Universidade Federal de Goiás, Goiânia.
7. LAFLAMME, D. Development and validation of a body condition score system for dogs. **Canine Practice**, v. 22, n. 4, p. 10-15, 1997.
8. GERMAN, A. J. et al. A simple, reliable tool for owners to assess the body condition of their dog or cat. **J Nutr**, v. 136, n. 7, p. 2031S-2033S, 2006.
9. MAWBY, D.I. et al. Comparison of various methods for estimating body fat in dogs. **Journal of the American Hospital Association**. v. 40, n. 2, p. 109-114, 2004.
10. LAFLAMME, D. P. Understanding and managing obesity in dogs and cats. **Vet Clin North Am Small Anim Pract**. v. 36, n. 6, p. 1283-95, 2006.
11. LUND, E. M. et al. Prevalence and risk factors for obesity in adult dogs from private US veterinary practices. **Intern J Appl Res Vet Med**, v. 4, p. 177-186, 2005.
12. LUND, E. M. et al. Prevalence and risk factors for obesity in adult cats from private US veterinary practices. **Intern J Appl Res Vet Med**. v. 3, p. 88-96, 2005.

Capítulo 13

O QUE O SOBREPESO DO CÃO DIZ SOBRE SUA SAÚDE E LONGEVIDADE

1. BURKHOLDER, W. J. Precision and practicality of methods assessing body composition of dogs and cats. **Compendium on Continuing Education for the Practicing Veterinarian**, n. 1, v. 23, p. 10, 2001.
2. World Cancer Research Fund/American Institute for Cancer Research. **Food, Nutrition, Physical Activity, and the Prevention of Cancer: a Global Perspective**. Washington, D.C.: American Institute for Cancer Research, 2007.
3. KEALY, R. D. et al. Effects of diet restriction on life span and age-related changes in dogs. **J Am Vet Med Assoc**, n. 220, v. 9, p. 1315-20, 2002.
4. LAWLER, D. F et al. Diet restriction and ageing in the dog: major observations over two decades. **Br J Nutr**, v. 99, n. 4, p. 793-805, 2008.

5. TAYLOR, D. H. Benefits of Smoking Cessation for Longevity. **Am J Public Health**, n. 92, v. 6, p. 990–996, 2002.
6. McCAY, C. M. & CROWELL, M. F. Prolonging the Life Span **The Scientific Monthly**. v. 39, n. 5, p. 405-414, 1934.
7. GLICKMAN, L. T. et al. Epidemiologic study of insecticide exposures, obesity, and risk of bladder cancer in household dogs. **J Toxicol Environ Health**, n. 28, v. 4, p. 407-14, 1989.
8. SONNENSCHN, E. G. et al. Body conformation, diet, and risk of breast cancer in pet dogs: a case-control study. **Am J Epidemiol**, n. 133, v. 7, p. 694-703, 1991.
9. CHIKAMUNE, T. et al. Serum Lipid and Lipoprotein Concentrations in Obese Dogs. **The Journal of veterinary medical science**, v. 57. p. 595-8, 1995.
10. PEREZ ALENZA, D. et al. Relation between habitual diet and canine mammary tumors in a case-control study. **J Vet Intern Med**. v. 12, n. 3, p. 132-9, 1998.
11. HESS, R. S. et al. Evaluation of risk factors for fatal acute pancreatitis in dogs. **J Am Vet Med Assoc**, v. 214, n. 1, p. 46-51, 1999.
12. HENEGAR, J. R. et al. Functional and structural changes in the kidney in the early stages of obesity. **J Am Soc Nephrol**, v. 12, n. 6, p. 1211-7, 2001.
13. SMITH, G. K. et al. Evaluation of risk factors for degenerative joint disease associated with hip dysplasia in German Shepherd Dogs, Golden Retrievers, Labrador Retrievers, and Rottweilers. **J Am Vet Med Assoc**, v. 219, n. 12, p. 1719-24, 2001.
14. BACH, J.F. et al. Association of expiratory airway dysfunction with marked obesity in healthy adult dogs. **Am J Vet Res**, v. 68, n. 6, p. 670-5, 2007.
15. MARSHALL, W. G. et al. The effect of weight loss on lameness in obese dogs with osteoarthritis. **Vet Res Commun**, v. 34, n. 3, p. 241–253, 2010.
16. RAND, J.S. et al. Canine and feline diabetes mellitus: nature or nurture? **Journal of Nutrition**, v. 134, p. 2072S-80S, 2004.
17. MENTZEL, R.E. et al. **Obesidade no cão e no gato: abordagem comportamental**. Paris: Royal Canin, 2006.
18. TVARIJONAVICIUTE et al.: Obesity-related metabolic dysfunction in dogs: a comparison with human metabolic syndrome. **BMC Veterinary Research**. v. 8, p. 147, 2012.
19. GUIMARÃES, A. L. N.; TUDURY, E. A. Etiologias, consequências e tratamentos de obesidades em cães e gatos- Revisão. **Veterinária Notícias**, v. 12, n. 1, p. 29-41, 2006.

20. HAYASHIDANI, H. et al. **Quantitative Survey on Relation between Obesity and Disease in Pet Dogs: Obesity Increases risk of Diseases Two-fold**, 2009.
21. ROBKER, R. L. et al. Obese women exhibit differences in ovarian metabolites, hormones, and gene expression compared with moderate-weight women. **J Clin Endocrinol Metab**, v. 94, n. 5, p. 1533-40, 2009.
22. BAMGBADE, O. A. et al. Postoperative complications in obese and nonobese patients. **World J Surg**, v. 31, n. 3, p. 556-60, 2007.
23. GERMAN, A. J. Complications of Overnutrition in Companion Animals. **Clinical Nutrition**. p. 11-14, 2008.
24. MANCINI, M. C. Obstáculos diagnósticos e desafios terapêuticos no paciente obeso. **Arquivos Brasileiros de Endocrinologia e Metabologia**. v. 45, n. 6, p. 584-608, 2001.
25. GERMAN, A. J. The growing problem of obesity in dogs and cats. **Journal of Nutrition**. v. 136, p. 1940-1946, 2006.
26. FARROW, C.S. **Veterinária** – Diagnóstico por imagem de do cão e gato. São Paulo: Roca, 2006.
27. GUIMARÃES, A. L. N. & TUDURY, E. A. Etiologias, conseqüências e tratamentos de obesidades em cães e gatos- Revisão. **Veterinária Notícias**. v. 12, n. 1, p. 29-41, 2006.
28. CARNEIRO, S. C. et al. Superalimentação e desenvolvimento do esqueleto de cães da raça Dogue Alemão: aspectos clínicos e radiográficos. **Arquivo Brasileiro de Medicina Veterinária e Zootecnia**. v. 54, n. 4, p. 511-517, 2006.
29. MÜLLER, D. C. M. et al. Adaptação do índice massa corporal humano para cães. **Ciência Rural**. v. 38, n. 4, p. 1038-1043, 2008.
30. TORRES, A. C. B. Obesidade em cães: **Avaliações ecodopplercardiográficas, eletrocardiográficas, radiográficas e de pressão arterial**. 72 f. Dissertação (Mestrado em Medicina Veterinária) – Escola de Veterinária, Universidade Federal de Goiás, Goiânia, 2009.
31. NETO, G. B. P. **Efeitos da correção da obesidade sobre os parâmetros cardiorrespiratórios em cães**. 44f. Dissertação (Mestrado em Medicina 27 Veterinária) – Faculdade de Ciências Agrárias e Veterinária, Universidade Estadual Paulista, Jaboticabal, 2009.
32. FLEMING, J. M. et al. Mortality in North American dogs from 1984 to 2004: an investigation into age-, size-, and breed-related causes of death. **J Vet Intern Med**. v. 25, n. 2, p. 187-98, 2011.
33. SONNENSCHNEIN, E. G. et al. Body conformation, diet, and risk of breast cancer in pet dogs: a case-control study. **Am J Epidemiol**, v. 133, n. 7, p. 694-703, 1991.

34. WHITE, R. A. S. & WILLIAMS, J. M. Tracheal collapse in the dog - is there really a role for surgery? A survey of 100 cases. **Journal of Small Animal Practice**, n. 4, v. 35, p. 191–196, 1994.
35. BODEY, A. R. & MICHELL, A. R. Epidemiological study of blood pressure in domestic dogs. **Journal of Small Animal Practice**, n. 37, v. 3, p. 116-25. 1996.
36. KEALY, R. D. et al. Five-year longitudinal study on limited food consumption and development of osteoarthritis in coxofemoral joints of dogs. **J Am Vet Med Assoc.**, n. 2, v. 210, p. 222-25, 1997.
37. KEALY, R. D. et al. Evaluation of the effect of limited food consumption on radiographic evidence of osteoarthritis in dogs. **J Am Vet Med Assoc**, n. 11, v. 217, p. 1678-80, 2000.
38. HURSTING, S. D. et al. The Obesity-Cancer Link: Lessons Learned from a Fatless Mouse. **Cancer Research**. v. 67, n. 6, p. 2391-2393, 2007.
39. WEETH, L. P. et al. Prevalence of obese dogs in a population of dogs with cancer. **Am J Vet Res**, v. 68, n. 4, p. 389-98, 2007.
40. COUSSENS, L. M. & WERB, Z. Inflammation and cancer. **Nature**, v. 420, n. 6917, p. 860-7, 202.
41. CLINE, M. G. et al. The relationship between obesity and markers of oxidative stress in dogs. **Journal of Animal Physiology and Animal Nutrition**. v. 93, n. 2, p. 141–142, 2009.
42. FAUST, I. M. et al. Diet-induced adipocyte number increase in adult rats: a new model of obesity. **Am J Physiol**. v. 235, n. 3, p. E279-86, 1978.
43. NAAZ, A. et al. Loss of cyclin-dependent kinase inhibitors produces adipocyte hyperplasia and obesity. **FASEB J**. v. 18, n. 15, p. 1925-7, 2004.
44. MUIR L. A. et al. Adipose tissue fibrosis, hypertrophy, and hyperplasia: Correlations with diabetes in human obesity. **Obesity** (Silver Spring). v. 24, n. 3, p. 597-605, 2016.
45. KIM, J. & DANG, C. V. Cancer's Molecular Sweet Tooth and the Warburg Effect. **Cancer Res**. v. 66, n. 18, p. 8927-8930, 2006.
46. PEETERS, K. et al. Fructose-1,6-bisphosphate couples glycolytic flux to activation of Ras. **Nature Communications**. v. 8, n. 922, 2017.
47. OGILVIE, G. K. et al. Energy expenditure in dogs with lymphoma fed two specialized diets. **Cancer**. v. 71, n. 10, p. 3146-3152, 1993.

48. OGILVIE, G. K. et al. Effect of fish oil, arginine, and doxorubicin chemotherapy on remission and survival time for dogs with lymphoma. **Cancer**. v. 88, p. 1916-1928, 2000.
49. ANDERSON, C. R. et al. Effect of fish oil and arginine on acute effects of radiation injury in dogs with neoplasia: a double blind study. **Proc Vet Cancer Soc**, p. 33-4, 1997.
50. MAZZAFERRO, E. M. et al. Metabolic alterations in dogs with osteosarcoma. **Am J Vet Res**. v. 62, p. 1234-1239, 2001.
51. LAFLAMME, D. P. Understanding and managing obesity in dogs and cats. **Vet Clin North Am Small Anim Pract**, v. 36, n. 6, p. 1283-95, 2006.
52. LARSON, B. T. et al. Improved glucose tolerance with lifetime diet restriction favorably affects disease and survival in dogs. **J Nutr**. v. 133, n. 9, p. 2887-92, 2003.

Capítulo 14

SEU CÃO É CAPAZ DE COMER DE FORMA DIFERENTE?

1. SOUTO, J. C. Dieta Low-Carb e paleolítica, mai. 2012. **A dieta é perigosa para os rins?** Disponível em: <<http://www.lowcarb-paleo.com.br/2012/05/dieta-e-perigosa-para-os-rins.html>>. Acesso em: 20 set. 2017.
2. ROBERTSON, J. L. et al. Long-term renal responses to high dietary protein in dogs with 75% nephrectomy. **Kidney Int**, v. 29, n. 2, p. 511-9, 1986.
3. BOVEE, K. C. Influence of dietary protein on renal function in dogs. **J Nutr**, v. 121, n. 11, p. S128-39, 1991.
4. BOVEE, K. C. Mythology of Protein Restriction for Dogs with Reduced Renal Function. **Supplement to Compendium on Continuing Education for the Practicing Veterinarian**, v. 21, n. 11, 1999.
5. FINCO, D. R. et al. Effects of aging and dietary protein intake on uninephrectomized geriatric dogs. **Am J Vet Res**, v. 55, n. 9, p. 1282-90, 1994.
6. MARTIN, W. F. et al. Dietary protein intake and renal function. **Nutr Metab (Lond)**, v. 2, n. 25, 2005.
7. KEALY, R. D. et al. Effects of diet restriction on life span and age related changes in dogs. **Journal of American Veterinary Medical Association**, n. 220, p. 1315-20, 2002.
8. RAND, J. S. et al. Canine and feline diabetes mellitus: nature or nurture? **Journal of Nutrition**, v. 134, p. 2072S-80S, 2004.
9. MENTZEL, R. E. et al. **Obesidade no cão e no gato: abordagem comportamental**. Paris: Royal Canin, 2006.

10. ANITSCHKOW, N. CHALATOW, S. Classics in arteriosclerosis research: on experimental cholesterol steatosis and its significance in the origin of some pathological processes. Trad. Mary Z. Pelias. **Arteriosclerosis**, v. 3, n. 2, p. 178-82, 1983.
11. BAILEY, C. H. Observations on cholesterol-fed guinea pigs. **Exp. Biol. Med.** (Maywood), v. 13, p. 60–62, 1915.
12. BAILEY, C. H. 1916. Atheroma and other lesions produced in rabbits by cholesterol feeding. **J. Exp. Med.**, v. 23, n. 1, p. 69–84, 1916.
13. STEINER, A. & KENDALL, F. E. Atherosclerosis and arteriosclerosis in dogs following ingestion of cholesterol and thiouracil. **Arch Pathol (Chic)**, v. 42, n. 4, p. 433-44, 1946.
14. STEINBERG, D. In celebration of the 100th anniversary of the lipid hypothesis of atherosclerosis. Thematic Review Series: Living History of Lipids. **J Lipid Res**, v. 54, n. 11, p. 2946–2949, 2013.
15. TALEB, N. N. **Antifrágil** – coisas que se beneficiam com o caos. Tradução de Eduardo Rieche. Best Business, 2014.

Capítulo 15

EPÍLOGO

1. PASSMORE, R & SWINDELLS, Y. E. Observations on the Respiratory Quotients and Weight Gain of Man After Eating Large Quantities of Carbohydrate. **British Journal of Nutrition**, v. 17, p. 331-339, 1963.
2. HERZOG, H. **Some We Love, Some We Hate, Some We Eat**: Why It's So Hard to Think Straight About Animals (P.S.). HarperCollins Publishers, 2011.
3. **Gauging Family Intimacy: Dogs Edge Cats (Dads Trail Both)** [da] Pew Research Center Social & Demographic Trends, 2006. Disponível em: <<http://www.pewsocialtrends.org/2006/03/07/gauging-family-intimacy/>>. Acesso em: 12 jul. 2018.
4. KEAN, H. **The Great Cat and Dog Massacre**: The Real Story of World War II's Unknown Tragedy. The University of Chicago Press, 2017.
5. SAX, B. **Animals in the Third Reich**: Pets, Scapegoats, and the Holocaust. The Continuum International, 2000.
6. **2018 Food and Health Survey** [da] International Food Information Council (IFIC), 2018. Disponível em: <<https://www.foodinsight.org/2018-food-and-health-survey>>. Acesso em: 12 jul. 2018.

7. BALU, D. **O Nutricionista Clandestino – as razões para a crise de obesidade em um mundo cada vez mais gordo**. Clube de Autores, 2015.
8. **Frequently Asked Questions** [da] American College of Veterinary Nutrition. Disponível em: <<http://www.acvn.org/frequently-asked-questions/>>. Acesso em: 12 out. 2017.
9. **Raw or Undercooked Animal-Source Protein in Cat and Dog Diets** [da] American Veterinary Medical Association. Disponível em: <<https://www.avma.org/KB/Policies/Pages/Raw-or-Undercooked-Animal-Source-Protein-in-Cat-and-Dog-Diets.aspx>>. Acesso em: 12 out. 2017.
10. **Raw protein diet** [da] American Animal Hospital Association. Disponível em: <https://www.aaha.org/professional/resources/raw_protein_diet.aspx#gsc.tab=0>. Acesso em: 12 out. 2017.
11. ZHAO, T. et al. Occurrence of *Salmonella enterica* serotype typhimurium DT104A in retail ground beef. **J Food Prot.** v. 65, n. 2, p. 403-7, 2002.
12. **Pathogens causing US foodborne illnesses, hospitalizations, and deaths, 2000–2008** [da] National Center for Emerging and Zoonotic Infectious Diseases, 2012. Disponível em: <<https://www.cdc.gov/foodborneburden/PDFs/pathogens-complete-list-01-12.pdf>>. Acesso em: 18 out. 2017.
13. STIVER, S. L. et al. Septicemic salmonellosis in two cats fed a raw-meat diet. **J Am Anim Hosp Assoc.** v. 39, n. 6, p. 538-42, 2003.
14. LENZ, J. et al. Perceptions, practices, and consequences associated with foodborne pathogens and the feeding of raw meat to dogs. **Can Vet J.** v. 50, n. 6, p. 637–643, 2009.
15. LEONARD, E. K. et al. Evaluation of pet-related management factors and the risk of *Salmonella* spp. carriage in pet dogs from volunteer households in Ontario (2005-2006). **Zoonoses Public Health.** v. 58, n. 2, p. 140-9, 2011.
16. SCHLESINGER, D. P. & JOFFE, D. J. Raw food diets in companion animals: A critical review. **Can Vet J.** v. 52, n. 1, p. 50–54, 2011.
17. SELMI, M. et al. Contaminated commercial dehydrated food as source of multiple *Salmonella* serotypes outbreak in a municipal kennel in Tuscany. **Vet Ital.** v. 47, n. 2, p. 183-90, 2011.
18. FREEMAN, L. M. et al. Current knowledge about the risks and benefits of raw meat-based diets for dogs and cats. **J Am Vet Med Assoc.** v. 243, n. 11, p. 1549-58, 2013.
19. ROZIN, P. & SCHILLER, D. The nature and acquisition of a preference for chili pepper by humans. **Motivation and Emotion.** v. 4, n. 1, p. 77-101, 1980.

20. FLAXMAN S. M. & SHERMAN, P.W. Morning sickness: a mechanism for protecting mother and embryo. **Q Rev Biol.** v. 75, n. 2, p. 113-48, 2000.
21. MIDKIFF, E. E., & BERNSTEIN, I. L. Targets of learned food aversions in humans. **Physiology & Behavior**, v. 34, n. 5, p. 839-841, 1985.
22. ELLIOT, D. A. Techniques to asses body composition in dogs and cats. **Walthan Focus.** v. 16, n. 1, p. 16-20, 2006.
23. MEYERS, M. K. & FALTA W. **Endocrine diseases including their diagnosis and treatment.** 3rd edition. Meyers MK, translator and editor. Philadelphia (PA): Blakiston's Son, 1923.
24. GERMAN, A. J. The growing problem of obesity in dogs and cats. **Journal of Nutrition.** v. 136, p. 1940-1946, 2006.
25. BANKS, W. A. et al. Serum Leptin Levels as a Marker for a Syndrome X-Like Condition in Wild Baboons. **J Clin Endocrinol Metab**, v. 88, n. 3, p. 1234–1240, 2003.
26. ALTMANN, J. et al. Body size and fatness of free-living baboons reflect food availability and activity levels. **American Journal of Primatology.** v. 30, n. 2, p. 149–161, 1993.
27. KLIMENTIDIS Y. C. et al. Canaries in the coal mine: a cross-species analysis of the plurality of obesity epidemics. **Proc Biol Sci.** v. 7; n. 278 (1712), p. 1626-32, 2011.
28. REINACH, F. Assessoria de Imprensa, set. 2006. **Um parasita do afeto humano.** Disponível em: <http://www.ufcg.edu.br/prt_ufcg/assessoria_imprensa/mostra_noticia.php?codigo=3884>. Acesso em: 06 out. 2017.
29. LEVIN, J. et al. Are People More Disturbed by Dog or Human Suffering? **Society & Animals.** v. 25, n. 1, p. 1–16, 2017.
30. MUBANGA, M. et al. Dog ownership and the risk of cardiovascular disease and death – a nationwide cohort study. **Scientific Reports.** Nov., p. 1-9, 2017.