

REFERÊNCIAS BIBLIOGRÁFICAS

Adam-Perrot, A., Clifton, P., Brouns, F. (2005). Low-carbohydrate diets: nutritional and physiological aspects. *Obesity rev* 7:49-58.

Atkins R. (1992) Dr Atkins' New Diet Revolution., New York: Avon, Books

Aucott L., Poobalan ,A., Smith, W.C.S., Avenell A., Jung, R., Broom, J. (2005) Effects of weight loss in overweight/obese individuals and longterm hypertension outcomes: a systematic review. *Hypertension* 45: 1035–1041.

Aude, Y. W., Agatston, A. S., Lopez-Jimenez, F., Lieberman, E. H., Marie, A., Hansen, M., Rojas, G., Lamas, G. A. & Hennekens, C. H. (2004) The national cholesterol education program diet vs a diet lower in carbohydrates and higher in protein and monounsaturated fat: a randomized trial. *Arch. Intern. Med.* 164: 2141–2146.

Austin, M. A., King, M. C., Vranizan, K. M. & Krauss, R. M. (1990) Atherogenic lipoprotein phenotype. A proposed genetic marker for coronary heart disease risk. *Circulation* 82: 495–506.

Avenell, A., Brown, T.J., Mcgee, M.A., Campbell, M.K., Grant ,A..M., Broom, J., Jung, R.T., Smith, W.C.S. (2004) What interventions should we add to weight reducing diets in adults with obesity? A systematic review of randomized controlled trials of adding drug therapy, exercise, behaviour therapy or combinations of these interventions. *J Hum Nutr Diet* 17: 293–316.

Axen, K., Dikeakos, A., Sclafani, A. (2003) High dietary fat promotes syndrome X in nonobese rats. *J Nutrition* **133**: 2244–2249.

Banting, W., (1869) *Letter on Corpulence*, London: Harrison.

Barclay, L., Sklar, B.M, (2003) Six-Month Study Shows Low-Carb Diet Is More Effective Than Low-Fat Diet. *J Clin Endocrinol Metab.* 88:1617-1623

Bilsborough, S.A., Crowe, T.C. (2003) Low-carbohydrate diets: what are the potential short- and long-term health implications? *Asia Pac J Clin Nutr* 12: 396–404.

Bluher, M., Michael, M.D., Peroni, O.D., et al. (2002) Adipose tissue selective insulin receptor knockout protects against obesity and obesity-related glucose intolerance. *Dev Cell* 3:25–38.

Bray, G.A., Popkin, B.M. (1998) Dietary fat intake does affect obesity! *Am J Clin Nutr* 68:1157-73.

Bray, G.A., Greenway, F.M.L. (1999) Current and potential drugs for treatment of obesity *Endocr Rev* 20(6):805-75.

Brehm, B.J., Seeley, R.J., Daniels, S.R., D'Alessio, D.A. (2003) 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* 88:1617–23.

Cahill, G.F. Jr. (1970) Starvation in man. *N Engl J Med* 282:668 –75.

Cannon, B., Nedergaard, J. (2004) Brown adipose tissue: function and physiological significance. *Physiol Rev* 84:277–359.

Chen, H.C., Jensen, D.R., Myers, H.M., Eckel, R.H., Farese, R.V.J. (2003) Obesity resistance and enhanced glucose metabolism in mice transplanted with white adipose tissue lacking acyl CoA:diacylglycerol acyltransferase 1. *J Clin Invest* 111:1715–22.

Clifton, P., Noakes, M., Foster, P., Keogh, J. (2004) Do ketogenic diets for weight loss lower cardiovascular risk? *Int J Obes* 28:26. Meeting ECO Prague.

Carmo, I., Santos, O., Camolas, J., Vieira, J., Carreira, M., Medina, L. et al, (2006) Prevalence of obesity in Portugal. *Obes Rev.* 7(3):233-7.

Carmo, I., Santos, O., Camolas, J., Vieira, J., Carreira, M., Medina, L. et al, (2008) Overweight and obesity in Portugal: national prevalence in 2003-2005. *Obes Rev.* 9(1): 11-9. Epub 2007 Nov 23.

Dashti, H. M., Bo-Abbas, Y. Y., Asfar, S. K., Mathew, T. C., Hussein, T., Behbahani, A., et al. (2003) Ketogenic diet modifies the risk factors of heart disease in obese patients. *Nutrition* 19: 901–902.

Dashti, H. M., Mathew, T. C., Hussein, T., Asfar, S. K., Behbahani, A., Khoursheed, M. A., et al. (2004) Long-term effects of a ketogenic diet in obese patients. *Exp. Clin. Cardiol.* 9: 200–205.

Davidson, M.H., Hamptman, J., DiGirolamo, M., Foreyt, J.P., Halsted, C.H., Heber, D. et al. (1999). Weigh control and risk factor reduction in obese subjects treated for two years with orlistat: a randomised controlled trial. *JAMA* 281(3):235-42.

Due, A., Toubro, S., Skov, A.R., Astrup, A. (2004) Effect of normal-fat diets, either medium or high in protein, on body weight in overweight subjects: a randomised 1-year trial. *Int J Obes Relat Metab Disord* 28:1283-90.

Eaton, S.B., Konner, M. (1985) Paleolithic nutrition: a consideration of its nature and current implications. *N Engl J Med* 312:283–9.

Eaton, S.B. (2006) The ancestral human diet: what was it and should it be a paradigm for contemporary nutrition? *Proc Nutr Soc* 65:1– 6.

Feinman, R.D., Makowske, M. (2003) Metabolic syndrome and low-carbohydrate ketogenic diets in the medical school biochemistry curriculum. *Metabol Syndr Relat Disord* 1:189 –97.

Feinman, R.D., Fine, E.J. (2004) “A calorie is a calorie” violates the second law of thermodynamics. *Nutr J* 3:9.

Feinman, R.D., Fine, E.J. (2007) Nonequilibrium thermodynamics and energy efficiency in weight loss diets. *Theoretical Biology and Medical Modelling* 4:27.

Fine, E.J., Feinman, R.D. (2004) Thermodynamics of weight loss diets. *Nutr Metab (Lond)* 1:15.

Foster, G.D., Wyatt, H.R., Hill, J.O., McGuckin, B.G., Brill, C., Mohammed, B.S., et al. (2003) A randomized trial of a low-carbohydrate diet for obesity. *N Engl J Med.* 348: 2082–2090.

Foster, G.D., Makris, A.P., Bailer, B.A. (2005) Behavioral treatment of obesity. *Am J Clin Nutr* 82:Suppl:230S-235S.

Fuhrlein, B., Rutenberg, M., Silver, J., Warren, M., Theriaque, D., Duncan, G. et al. (2004) Differential metabolic effects of saturated versus polyunsaturated fats in ketogenic diets. *J Clin Endocrinol Metab* 89:1641–1645.

Gardner, C.D., Kiazand, A., Alhassan, S., et al. (2007) 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* 297:969-77. [Erratum, *JAMA* 2007;298:178.]

Hays, J. H., DiSabatino, A., Gorman, R. T., Vincent, S. & Stillabower, M. E. (2003) Effect of a high saturated fat and no-starch diet on serum lipid subfractions in patients with documented atherosclerotic cardiovascular disease. *Mayo Clin. Proc.* 78: 1331–1336.

Heymsfield, S.B., van Mierlo, C.A., van der Knaap, H.C., Heo, M., Frier, H.I. (2003) Weight management using a meal replacement strategy: meta and pooling analysis from six studies. *Int J Obes Relat Metab Disord* 27:537-49.

Hildes J.A., Schaefer, O. (1984) The changing picture of neoplastic disease in the western and central Canadian Arctic (1950 –1980). *Can Med Assoc J* 130:25–32.

Hirsch, J., Hudgins, L.C., Liebel, R.L., Rosenbaum, M. (1998) Diet composition and energy balance in humans. *Am J Clin Nutr* 67(suppl):551S–5S.

Katan, M.B., Zock, P.L., Mensink, R.P. (1995) Dietary oils, serum lipoproteins, and coronary heart disease. *Am J Clin Nutr* 61:1368S-1373S.

Katzel, L. I., Busby-Whitehead, M. J., Rogus, E. M., Krauss, R. M. & Goldberg, A. P. (1994) Reduced adipose tissue lipoprotein lipase responses, postprandial lipemia, and low high-density lipoprotein-2 subspecies levels in older athletes with silent myocardial ischemia. *Metabolism* 43: 190–198

Kennedy, R.L., Chokkalingam, K., Farshchi, H.R. Nutrition in patients with Type 2 diabetes: are lowcarbohydrate diets effective, safe or desirable? *Diabetic Medicine* 22:821-32

Keogh, J.B., Luscombe-Marsh, N.D., Noakes, M., Wittere, G. (2007). Long-term weight maintenance and cardiovascular risk factors are not different following weight loss on carbohydrate-restricted diets high in either monounsaturated fat or protein in obese hyperinsulinaemic men and women. *British Journal of Nutrition* 97:40-410

Kraemer, F.B., Shen, W.J. (2006) Hormone- sensitive lipase knockouts. *Nutr Metab (Lond)* 3:12.

Krieger, J.W., Sitren, H.S., Daniels, M.J., Langkamp-Henken, B. (2006) Effects of variation in protein and carbohydrate intake on body mass and composition during energy restriction: a meta-regression. *AmJ Clin Nutr* 83:260 –74.

Kwiterovich, P., Vining, E., Pyzik, P., Skolasky, R., Feeman, J. (2003) Effect of a high-fat ketogenic diet on plasma levels of lipids, lipoproteins, and apolipoproteins in children. *JAMA* 290: 912–920.

Larosa, J. C., Fry, A. G., Muesing, R., Rosing, D. R. (1980) Effects of high-protein, low-carbohydrate dieting on plasma lipoproteins and body weight. *J. Am. Diet. Assoc.* 77: 264–270.

MacLean, P.S., Higgins, J.A., Johnson, G.S., et al. (2004) Enhanced metabolic efficiency contributes to weight regain after weight loss in obesity-prone rats. *Am J Physiol Regul Integr Comp Physiol* 287:R1306–15.

Meckling, K. A., Gauthier, M., Grubb, R. & Sanford, J. (2002) Effects of a hypocaloric, low-carbohydrate diet on weight loss, blood lipids, blood pressure, glucose tolerance, and body composition in free-living overweight women. *Can. J. Physiol. Pharmacol.* 80:1095–1105.

Meckling, K.A., O’Sullivan, C., Saari, D. (2004) Comparison of a low-fat diet to a low-carbohydrate diet on weight loss, body composition, and risk factors for diabetes and cardiovascular disease in free-living, overweight men and women. *J Clin Endocrinol Metab* 89:2717–23.

Newbold, H. L. (1988) Reducing the serum cholesterol level with a diet high in animal fat. *South. Med. J.* 81: 61–63.

Noakes, M., Keogh, J.B., Foster, P.R., Clifton, P.M., (2005) Effect of an energy-restricted, high-protein, low-fat diet relative to a conventional high-carbohydrate, low-fat diet on weight loss, body composition, nutritional status, and markers of cardiovascular health in obese women. *Am J Clin Nutr* 81:1298-306.

Ornish, D., Brown, S.E., Scherwitz, L.W,et al. (1990) Can lifestyle changes reverse coronaryheart disease? *The Lifestyle Heart Trial. Lancet* 336:129-33.

Phinney, S. D., Horton, E. S., Sims, E. A., Hanson, J. S., Danforth, E., Jr. & LaGrange, B. M. (1980) Capacity for moderate exercise in obese subjects after adaptation to a hypocaloric, ketogenic diet. *J. Clin. Investig.* 66: 1152–1161.

Phinney, S. D., Bistrian, B. R., Wolfe, R. R. & Blackburn, G. L. (1983) The human metabolic response to chronic ketosis without caloric restriction: physical and biochemical adaptation. *Metabolism* 32: 757–768.

Poston, W.S. II, Foreyt, J.P. (2000) Successful management of the obese patient. *Am Fam Physician* 61:3615-22.

Reitsma, J.B., Castro Cabezas, M., de Bruin, T.W., Erkelens, D.W. (1994) Relationship between improved postprandial lipaemia and low-density lipoprotein metabolism during treatment with tetrahydrolipstatine, a pancreatic lipase inhibitor. *Metabolism* 43(3):293-8

Samaha, F.F., Iqbal, N., Seshadri, P., Chicano, K.L., Daily, D.A., McGrory, J., et al. (2003). A lowcarbohydrate as compared with a low-fat diet in severe obesity. *N Engl J Med.* 348:2074–2081.

Schaefer, O. (1973) The changing health picture in the Canadian North. *Can J Ophthalmol* 8:196 –204.

Seshadri, P., Iqbal, N., Stern, L., Williams, M., Chicano, K. L., Daily, D. A., et al. (2004) A randomized study comparing the effects of a low-carbohydrate diet and a conventional diet on lipoprotein subfractions and C-reactive protein levels in patients with severe obesity. *Am. J. Med.* 117: 398–405.

Silva, J.E. (2003) The thermogenic effect of thyroid hormone and its clinical implications. *Ann Intern Med* 139:205–13.

Sharman, M. J., Kraemer, W. J., Love, D. M., Avery, N. G., Gomez, A. L., Scheett, T. P. & Volek, J. S. (2002) A ketogenic diet favorably affects serum biomarkers for cardiovascular disease in normal-weight men. *J. Nutr.* 132: 1879–1885.

Sharman, M.J., Gomez, A.L., Kraemer, W.J., Volek, J.S. (2004) Very lowcarbohydrate and low-fat diets affect fasting lipids and postprandial lipemia differently in overweight men. *J Nutr* 134:880–885.

Shephard, R.J., Rode, A. (1996) The health consequences of “modernization”: evidence from circumpolar peoples. Cambridge, United Kingdom: *Cambridge University Press*.

Slentz, C.A., Duscha, B.D., Johnson, J.L., et al. (2004) Effects of the amount of exercise on body weight, body composition, and measures of central obesity: STRRIDE — a randomized controlled study. *Arch Intern Med* 164:31-9.

Snow, V., Barry, P., Fitterman, N., Qaseem, A., Weiss, K. (2005) Pharmacologic and surgical management of obesity in primary care: a clinical practice guideline from American College of Physicians. *Ann Intern Med* 142(7):525-31

Sondike, S.B., Copperman, N., Jacobson, M.S. (2003). Effects of a low-carbohydrate diet on weight loss and cardiovascular risk factor in overweight adolescents. *J Pediatr* 142:253– 8.

Stern, L., Iqbal, N., Seshadri, P., et al. (2004) The effects of low-carbohydrate versus conventional weight loss diets in severely obese adults: one-year follow-up of a randomized trial. *Ann Intern Med* 140:778-85.

Tonstad, S., Pometta, D., Erkelens, D.W., Ose L., Mocetti, T., Schouten, J.A. et al. (1994) The effect of the gastrointestinal lipase inhibition orlistat, on serum lipids and lipoproteins in patients with primary hyperlipidaemia. *Eur J Clin Pharmacol* 46(5):405-10.

Trends in intake of energy and macronutrients—United States, 1971– 2000. (2004) *MMWR Morb Mortal Wkly Rep* 53:80 –2.

Volek, J. S., Gomez, A. L. & Kraemer, W. J. (2000) Fasting lipoprotein and postprandial triacylglycerol responses to a low-carbohydrate diet supplemented with n-3 fatty acids. *J. Am. Coll. Nutr.* 19: 383–391.

Volek, J.S., Sharman, M.J., Love, D.M., et al. (2002) Body composition and hormonal responses to a carbohydrate-restricted diet. *Metabolism* 51:864–70.

Volek, J. S., Sharman, M. J., Gomez, A. L., Scheett, T. P. & Kraemer, W. J. (2003) An isoenergetic very low carbohydrate diet improves serum HDL cholesterol and triacylglycerol concentrations, the total cholesterol to HDL cholesterol ratio and postprandial lipemic responses compared with a low fat diet in normal weight, normolipidemic women. *J. Nutr.* 133: 2756–2761.

Volek, J. S., Sharman, M. J., Gomez, A. L., DiPasquale, C., Roti, M., Pumerantz, A. & Kraemer, W. J. (2004) Comparison of a very low-carbohydrate and low-fat diet on fasting lipids, LDL subclasses, insulin resistance, and postprandial lipemic responses in overweight women. *J. Am. Coll. Nutr.* 23: 177–184.

Volek, J.S., Sharman, M.J., Forsythe, C.E. (2005). Modification of lipoproteins by very low-carbohydrate diets. *J Nutr* 135:1339-1342.

Volek, J.S., Forsythe, C.E., (2005) The case for not restricting saturated fat on a low carbohydrate diet. *Nutr Metab* 2:21

Wadden, T.A., Butryn, M.L. (2003) Behavioral treatment of obesity. *Endocrinol Metab Clin North Am* 32:981-1003

Westman, E. C., Yancy, W. S., Edman, J. S., Tomlin, K. F. & Perkins, C. E. (2002) Effect of 6-month adherence to a very low carbohydrate diet program. *Am. J. Med.* 113: 30–36.

Westman, E.C., Mavropoulos, J., Yancy, W.S. Jr, Volek, J,S. (2003) A review of low-carbohydrate ketogenic diets. *Curr Atheroscler Rep* 5:476–83.

Westman, E.C., Yancy, W.S. Jr, Olsen, M.K., Dudley, T., Guyton, J.R. (2006). Effect of a low-carbohydrate, ketogenic diet program compared to a low-fat diet on fasting lipoprotein subclasses. *Int J Cardiol* 110:212– 6.

Westman, E.C., Feinman, R.D., Mavropoulos, J.C., Vernon, M.C., Volek, J.S., Wortman, J.A., et al. (2007). Low-carbohydrate nutrition and metabolism. *Am J Clin Nutr* 86:276–84.

Willett, W.C. (2002) Dietary fat plays a major role in obesity: no. *Obes Rev* 3:59-68

Willi, S. M., Oexmann, M. J., Wright, N. M., Collop, N. A. & Key, L. L., Jr. (1998) The effects of a high-protein, low-fat, ketogenic diet on adolescents with morbid obesity: body composition, blood chemistries, and sleep abnormalities. *Pediatrics* 101: 61–67.

Wilmore JH, Després JP, Stanforth PR, et al. (1999) Alterations in body weight and composition consequent to 20 wk of endurance training: the HERITAGE Family Study. *Am J Clin Nutr* 70:346-52.

Yancy W.S. Jr, Olsen MK, Guyton JR, Bakst RP, Westman EC. (2004) A lowcarbohydrate, ketogenic diet versus a low-fat diet to treat obesity and hyperlipidemia: a randomized, controlled trial. *Ann Intern Med* 140:769 –77.

Yanovski, S.Z., Yanovski, J.A. (2002) Obesity. *N Engl J Med* 346(8):591-602