

Reference List

Primed to Thrive: Guidelines for a Plant-Based Pregnancy

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References:

1. Melina V, Craig W, Levin S. Position of the Academy of Nutrition and Dietetics: vegetarian diets. *J Acad Nutr Diet*. 2016;116(12):1970-1980.
2. Pistollato F, Sumalla Cano S, Elio I, Masias Vergara M, Giampieri F, Battino M. Plant-based and plant-rich diet patterns during gestation: beneficial effects and possible shortcomings. *Adv Nutr*. 2015;6(5):581-591.
3. Longo-Mbenza B, Kadima-Tshimanga B, Buassa-bu-Tsumbu B, M'buyamba K Jr. Diets rich in vegetables and physical activity are associated with a decreased risk of pregnancy induced hypertension among rural women from Kimpese, DR Congo. *Niger J Med*. 2008;17(1):45-49.
4. Stuebe AM, Oken E, Gillman MW. Associations of diet and physical activity during pregnancy with risk for excessive gestational weight gain. *Am J Obstet Gynecol*. 2009;201(1):58.e1-58.e58.
5. Streuling I, Beyerlein A, Rosenfeld E, Schukat B, von Kries R. Weight gain and dietary intake during pregnancy in industrialized countries — a systematic review of observational studies. *J Perinat Med*. 2011;39(2):123-129.
6. Maslova E, Rytter D, Bech BH, et al. Maternal protein intake during pregnancy and offspring overweight 20 y later. *Am J Clin Nutr*. 2014;100(4):1139-1148.
7. Strauss RS, Dietz WH. Low maternal weight gain in the second or third trimester increases the risk for intrauterine growth retardation. *J Nutr*. 1999;129(5):988-993.
8. Dagnelie PC, van Staveren WA, Verschuren SA, Hautvast JG. Nutritional status of infants aged 4 to 18 months on macrobiotic diets and matched omnivorous control infants: a population-based mixed-longitudinal study. I. Weaning pattern, energy and nutrient intake. *Eur J Clin Nutr*. 1989;43(5):311-323
9. Zhang C, Liu S, Solomon CG, Hu FB. Dietary fiber intake, dietary glycemic load, and the risk for gestational diabetes mellitus. *Diabetes Care*. 2006;29(10):2223-2230.
10. Asemi Z, Samimi M, Tabassi Z, Sabihi SS, Esmailzadeh A. A randomized controlled clinical trial investigating the effect of DASH diet on insulin resistance, inflammation, and oxidative stress in gestational diabetes. *Nutrition*. 2013;29(4):619-624.
11. Bose-O'Reilly S, McCarty KM, Steckling N, Lettmeier B. Mercury exposure and children's health. *Curr Probl Pediatr Adolesc Health Care*. 2010;40(8):186-215.
12. Dioxins and their effects on human health. World Health Organization website. <https://www.who.int/news-room/fact-sheets/detail/dioxins-and-their-effects-on-human-health>. Published October 4, 2016.
13. Arterburn LM, Oken HA, Hoffman JP, et al. Bioequivalence of docosahexaenoic acid from different algal oils in capsules and in a DHA-fortified food. *Lipids*. 2007;42(11):1011-1024.
14. Carlson SE, Colombo J, Gajewski BJ, et al. DHA supplementation and pregnancy outcomes. *Am J Clin Nutr*. 2013;97(4):808-815.
15. Rogers LK, Valentine CJ, Keim SA. DHA supplementation: current implications in pregnancy and childhood. *Pharmacol Res*. 2013;70(1):13-19.

16. Gustafsson HC, Kuzava SE, Werner EA, Monk C. Maternal dietary fat intake during pregnancy is associated with infant temperament. *Dev Psychobiol*. 2015;58(4):528-535.
17. Sussman D, van Eede M, Wong MD, Adamson SL, Henkelman M. Effects of a ketogenic diet during pregnancy on embryonic growth in the mouse. *BMC Pregnancy Childbirth*. 2013;13:109.
18. Marangoni F, Cetin I, Verduci E, et al. Maternal diet and nutrient requirements in pregnancy and breastfeeding. An Italian consensus document. *Nutrients*. 2016;8(10):E629.
19. Reddy NR, Sathe SK, eds. *Food Phytates*. New York, NY: CRC Press; 2001.
20. Beinder E. Calcium-supplementation in pregnancy — is it a must? *Ther Umsch*. 2007;64(5):243-247.
21. Penney DS, Miller KG. Nutritional counseling for vegetarians during pregnancy and lactation. *J Midwifery Womens Health*. 2008;53(1):37-44.
22. World Health Organization. Guideline: calcium supplementation in pregnant women. https://apps.who.int/iris/bitstream/handle/10665/85120/9789241505376_eng.pdf;jsessionid=8CFCE3DD632038A07EEAE3E59694D2C4?sequence=1. Published 2013.
23. Caudill MA, Strupp BJ, Muscalu L, Nevins JEH, Canfield RL. Maternal choline supplementation during the third trimester of pregnancy improves infant information processing speed: a randomized, double-blind, controlled feeding study. *FASEB J*. 2018;32(4):2172-2180.
24. Institute of Medicine. Dietary Reference Intakes: thiamin, riboflavin, niacin, vitamin B6, folate, vitamin B12, pantothenic acid, biotin, and choline. <https://www.nap.edu/read/6015/chapter/1>. Published 1998.
25. Jadavji NM, Deng L, Malysheva O, Caudill MA, Rozen R. MTHFR deficiency or reduced intake of folate or choline in pregnant mice results in impaired short-term memory and increased apoptosis in the hippocampus of wild-type offspring. *Neuroscience*. 2015;300:1-9.
26. Shaw GM, Carmichael SL, Yang W, Selvin S, Schaffer DM. Periconceptual dietary intake of choline and betaine and neural tube defects in offspring. *Am J Epidemiol*. 2004;160(2):102-109.
27. Wu BT, Innis SM, Mulder KA, Dyer RA, King DJ. Low plasma vitamin B-12 is associated with a lower pregnancy-associated rise in plasma free choline in Canadian pregnant women and lower postnatal growth rates in their male infants. *Am J Clin Nutr*. 2013;98(5):1209-1217.
28. Sahariah SA, Potdar RD, Gandhi M, et al. A daily snack containing leafy green vegetables, fruit, and milk before and during pregnancy prevents gestational diabetes in a randomized, controlled trial in Mumbai, India. *J Nutr*. 2016;146(7):1453S-1460S.
29. Baskin R, Hill B, Jacka FN, O'Neil A, Skouteris H. Antenatal dietary patterns and depressive symptoms during pregnancy and early post-partum. *Matern Child Nutr*. 2017;13(1).
30. Freitas-Vilela AA, Pearson RM, Emmett P, et al. Maternal dietary patterns during pregnancy and intelligence quotients in the offspring at 8 years of age: findings from the ALSPAC cohort. *Matern Child Nutr*. 2018;14(1).
31. Zhu Y, Olsen SF, Mendola P, et al. Maternal dietary intakes of refined grains during pregnancy and growth through the first 7 y of life among children born to women with gestational diabetes. *Am J Clin Nutr*. 2017;106(1):96-104.
32. Gaskins AJ, Chiu YH, Williams PL, et al. Maternal whole grain intake and outcomes of in vitro fertilization. *Fertil Steril*. 2016;105(6):1503-1510.e4.
33. Luo Y, Xie W. Effect of soaking and sprouting on iron and zinc availability in green and white faba bean (*Vicia faba* L.). *J Food Sci Technol*. 2014;51(12):3970-3976.

34. Assaf-Balut C, García de la Torre N, Durán A, et al. A Mediterranean diet with extra virgin olive oil and pistachios reduce the incidence of gestational diabetes mellitus (GDM): a randomized controlled trial: the St. Carlos GDM prevention study. *PLoS One*. 2017;12(10):e0185873.
35. Chiu Y, Williams PL, Gillman MW, et al. Association between pesticide residue intake from consumption of fruits and vegetables and pregnancy outcomes among women undergoing infertility treatment with assisted reproductive technology. *JAMA Intern Med*. 2018;178(1):17-26.
36. Gore AC, Chappell VA, Fenton SE, et al. EDC-2: the Endocrine Society's second scientific statement on endocrine-disrupting chemicals. *Endocr Rev*. 2015;36(6):E1-E150.
37. Chittumma P, Kaewkiattikun K, Wiriyasiriwach B. Comparison of the effectiveness of ginger and vitamin B6 for treatment of nausea and vomiting in early pregnancy: a randomized double-blind controlled trial. *J Med Assoc Thai*. 2007;90(1):15-20.
38. Matthews A, Haas DM, O'Mathúna DP, Dowswell T. Interventions for nausea and vomiting in early pregnancy. *Cochrane Database Syst Rev*. 2015;(9):CD007575.