



The American Journal of CLINICAL NUTRITION

*A Publication of The American Society
for Nutrition*



DECEMBER 2007 • VOLUME 86 • NUMBER 6

WWW.AJCN.ORG

ISSN 0002-9165

EDITORIALS

Much ado about high-fructose corn syrup in beverages: the meat of the matter. *GH Anderson*
See corresponding article on page 1586. **1577**

Calcium and fracture risk. *JW Nieves and R Lindsay*
See corresponding article on page 1780. **1579**

COMMENTARY

S-Adenosylhomocysteine—a better indicator of vascular disease than homocysteine? *C Wagner and MJ Koury* **1581**

ORIGINAL RESEARCH COMMUNICATIONS

Obesity and eating disorders

No differences in satiety or energy intake after high-fructose corn syrup, sucrose, or milk preloads. *S Soenen and MS Westerterp-Plantenga*
See corresponding editorial on page 1577. **1586**

Novel calcium-gelled, alginate-pectin beverage reduced energy intake in nondieting overweight and obese women: interactions with dietary restraint status. *CL Pelkman et al* **1595**

Postprandial ghrelin, cholecystokinin, peptide YY, and appetite before and after weight loss in overweight women with and without polycystic ovary syndrome. *LJ Moran et al* **1603**

Lipids

Comparison of monounsaturated fat with carbohydrates as a replacement for saturated fat in subjects with a high metabolic risk profile: studies in the fasting and postprandial states. *L Berglund et al* **1611**

Comparison of the effects of fish and fish-oil capsules on the n-3 fatty acid content of blood cells and plasma phospholipids. *WS Harris et al* **1621**

Cardiovascular disease risk

Dietary fiber intake and retinal vascular caliber in the Atherosclerosis Risk in Communities Study. *H Kan et al* **1626**

Sex-specific association of fatty acid binding protein 2 and microsomal triacylglycerol transfer protein variants with response to dietary lipid changes in the 3-mo Medi-RIVAGE primary intervention study. *M Gastaldi et al* **1633**

Body mass index and fat mass are the primary correlates of insulin resistance in nondiabetic stage 3–4 chronic kidney disease patients. *ML Trilogoff et al* **1642**

Nutritional status, dietary intake, and body composition

Accuracy of the Atwater factors and related food energy conversion factors with low-fat, high-fiber diets when energy intake is reduced spontaneously. *ML Zou et al* **1649**

Dose response to vitamin D supplementation among postmenopausal African American women. *SA Talwar et al* **1657**

Same genetic components underlie different measures of sweet taste preference. *K Kesitalo et al* **1663**

Treatment for 2 mo with n-3 polyunsaturated fatty acids reduces adiposity and some atherogenic factors but does not improve insulin sensitivity in women with type 2 diabetes: a randomized controlled study. *M Kabir et al* **1670**

Vitamins, minerals, and phytochemicals

Effect of daily or weekly multiple-micronutrient and iron foodlike tablets on body iron stores of Indonesian infants aged 6–12 mo: a double-blind, randomized, placebo-controlled trial. *M Wijaya-Erhardt et al* **1680**

Influence of acute phytochemical intake on human urinary metabolomic profiles. *MC Walsh et al* **1687**

Vitamin D insufficiency in children, adolescents, and young adults with cystic fibrosis despite routine oral supplementation. *AJ Rovner et al* **1694**

Growth, development, and pediatrics

How early dietary factors modify the effect of rapid weight gain in infancy on subsequent body-composition development in term children whose birth weight was appropriate for gestational age. *N Karaolis-Danckert et al* **1700**

Portion size effects on daily energy intake in low-income Hispanic and African American children and their mothers. *JO Fisher et al* **1709**

Effects of prolonged and exclusive breastfeeding on child height, weight, adiposity, and blood pressure at age 6.5 y: evidence from a large randomized trial. *MS Kramer et al* **1717**

Cancer

Childhood dairy intake and adult cancer risk: 65-y follow-up of the Boyd Orr cohort. *JC van der Pols et al* **1722**

Association between dietary fiber and endometrial cancer: a dose-response meta-analysis. *EV Bandera et al* **1730**

Continued on Table of Contents inside