EDITORIALS

The dilemma of hyperemesis gravidarum: more answers, and more questions. RC Boelig
See corresponding article on page 812.

Rapid standardized enteral feeding strategy in preterm infants: is it safe? JB van Goudoever
See corresponding article on page 821.

Consumption of protein beverages as a strategy to promote increased energy intake in older adults. MJ Levy
See corresponding article on page 865.

COMMENTARY

Ultra-processed foods in human health: a critical appraisal. MJ Gibney et al

ORIGINAL RESEARCH COMMUNICATIONS

Obesity and eating disorders
Duodenal and ileal glucose infusions differentially alter gastrointestinal peptides, appetite responses, and food intake: a tube feeding study. SD Poppitt et al
See corresponding article on page 811.

Transcriptome profiling from adipose tissue during a low-calorie diet reveals predictors of weight and glycemic outcomes in obese, nondiabetic subjects. C. Armenise et al
See corresponding article on page 821.

A review of the characteristics of dietary fibers relevant to appetite and energy intake outcomes in human intervention trials. KS Poutanen et al

Long-term weight-loss maintenance in obese patients with knee osteoarthritis: a randomized trial. P. Christensen et al
See corresponding article on page 865.

Assessing the causal role of adiposity on disordered eating in childhood, adolescence, and adulthood: a Mendelian randomization analysis. ZE Reed et al

Cardiovascular disease risk
Independent and joint associations of grip strength and adiposity with all-cause and cardiovascular disease mortality in 403,199 adults: the UK Biobank study. Y Kim et al
See corresponding article on page 865.

Nutritional status, dietary intake, and body composition
Testing the direction of effects between child body composition and restrictive feeding practices: results from a population-based cohort. IJM Derks et al

Vitamins, minerals, and phytochemicals
Bioavailability of orange juice polyphenols: the impact of short-term cessation of training by male endurance athletes. G. Perera-Caro et al

A systematic review and meta-analysis of the effects of isoflavone formulations against estrogen-deficient bone resorption in peri- and postmenopausal women. MN Lambert et al

Pregnancy and lactation
Early enteral tube feeding in optimizing treatment of hyperemesis gravidarum: the Maternal and Offspring outcomes after Treatment of HyperEmesis by Refeeding (MOTHER) randomized controlled trial. LJ Grolton et al
See corresponding editorial on page 711.

Growth, development, and pediatrics
Nutritional strategies and gut microbiota composition as risk factors for necrotizing enterocolitis in very-preterm infants. J.C Rozé et al
See corresponding editorial on page 713.

Dietary and liver diseases
The use of metabolic balance studies in the objective discrimination between intestinal insufficiency and intestinal failure. AP Prahm et al
See corresponding editorial on page 713.

Nutritional support
Taurolidine-citrate-heparin lock reduces catheter-related bloodstream infections in intestinal failure patients dependent on home parenteral support: a randomized, placebo-controlled trial. S. Tribler et al

Cancer
Randomized controlled trial of dietary fiber for the prevention of radiation-induced gastrointestinal toxicity during pelvic radiotherapy. L. Wedlake et al

Nut and peanut butter consumption and the risk of esophageal and gastric cancer subtypes. M Hashemian et al

Aging
Effects of randomized whey-protein loads on energy intake, appetite, gastric emptying, and plasma gut-hormone concentrations in older men and women. C. Glader et al
See corresponding editorial on page 715.

Nutritional epidemiology and public health
Effect of maternal high dosages of folic acid supplements on neurocognitive development in children at 4–5 y of age: the prospective birth cohort Infancia y Medio Ambiente (INMA) study. D. Valera-Gran et al

For submission guidelines and subscription details, visit: pubs.nutrition.org