

NUTRITION

The International Journal of Applied and Basic Nutritional Sciences

Volume 59

March 2019

Number C

Reviews

Epicardial adipose tissue feeding and overfeeding the heart..... 1
Gianluca Iacobellis, M.D., Ph.D. and Giuseppe Barbaro, M.D.

Effect of alpha-lipoic acid supplementation on lipid profile: A systematic review and meta-analysis of controlled clinical trials 121
Seyed Mohammad Mousavi, M.Sc., Sakineh Shab-Bidar, Ph.D., Hamed Kord-Varkaneh, M.Sc., et al.

Polyphenols regulating microRNAs and inflammation biomarkers in obesity 150
Telma AF Corrêa, Ph.D. and Marcelo M. Rogero, Ph.D.

Role of guar fiber in improving digestive health and function 158
Theertham Pradyumna Rao and Giuseppina Quartarone

Applied Nutritional Investigations

Abdominal obesity in normal weight versus overweight and obese hemodialysis patients: Associations with nutrition, inflammation, muscle strength, and quality of life 7
Iliia Beberashvili, M.D., Ada Azar, B.Sc., Ramzia Abu Hamad, M.Sc., et al.

Effects of cholecalciferol supplementation on inflammatory markers and muscle damage indices of soccer players after a simulated soccer match 37
Narges Parsaie, M.Sc., Saeed Ghavamzadeh, Ph.D., Mahdi Cheraghi, M.Sc.

Methods for data analysis of resting energy expenditure measured using indirect calorimetry 44
Juliano H. Borges, Ph.D., Gil Guerra-Júnior, Ph.D., Ezequiel M. Gonçalves, Ph.D.

Body composition evaluation with computed tomography: Contrast media and slice thickness cause methodological errors 50
Fabian Morsbach, M.D., Yi-Hua Zhang, M.D., Lena Martin, R.D., Ph.D., et al.

Christian Orthodox fasting in practice: A comparative evaluation between Greek Orthodox general population fasters and Athonian monks 69
Spyridon N. Karras, M.D., Ph.D., Theocharis Koufakis, M.D., Ph.D., Andrea Petróczi, et al.

Plasma fatty acids: Biomarkers of dietary intake? 77
Dirce Maria Marchioni, Ph.D., Mayara Freitas de Oliveira, M.Sc., Antonio Augusto Ferreira Carioca, Ph.D., et al.

Insights about urinary hippuric and citric acid as biomarkers of fruit and vegetable intake in patients with kidney stones: The role of age and sex 83
Angela Guerra, B.Sc., Andrea Ticinesi, M.D., Ph.D., Franca Allegri, M.D., et al.

The influence of maternal dietary patterns on gestational weight gain: A large prospective cohort study in China 90
Xueling Wei, M.Sc., Jian-Rong He, M.Sc., Yan Lin, M.Sc., et al.

Efficacy of perioperative immunonutrition in esophageal cancer patients undergoing esophagectomy 96
Shinsuke Kanekiyo, Ph.D., Shigeru Takeda, Ph.D., Michihisa Iida, Ph.D., et al.

Sweet taste perception is greater in non-Hispanic black than in non-Hispanic white adults 103
Suzanne Bowser, Ph.D., R.D., Nicole Farnsworth, M.S., R.D., Kate Russell, R.D., et al.

Meal-specific dietary patterns and their contribution to overall dietary patterns in the Japanese context: Findings from the 2012 National Health and Nutrition Survey, Japan 108
Kentaro Murakami, Ph.D., M. Barbara E. Livingstone, Ph.D., Satoshi Sasaki, M.D., Ph.D.

Assessment of body composition changes during a combined intervention for the treatment of childhood obesity	116
Teodoro Durá-Travé, M.D., Fidel Gallinas-Victoriano, M.D., María Urretavizcaya-Martinez, M.D., et al.	
Diet quality of patients with acute coronary syndrome receiving public and private health care	131
Ingrid Maria Novais Barros de Carvalho Costa, Ph.D., Daniele Goes da Silva, Ph.D., José Augusto Soares Barreto Filho, Ph.D., et al.	
Diet quality, physical activity, and their association with metabolic syndrome in Korean adults	138
You Jin Kim, Ph.D., Ji-Yun Hwang, Ph.D., Hyesook Kim, Ph.D., et al.	
Body composition and bone mineral density in Huntington's disease	145
Renata Costa de Miranda, Ph.D., Nicola Di Lorenzo, M.D., Angela Andreoli, M.D., Ph.D., et al.	
Basic Nutritional Investigations	
Vitamin K ₂ supplementation blocks the beneficial effects of IFN- α -2b administered on the early stages of liver cancer development in rats.....	170
Marina C. Vera, Florencia Lorenzetti, Alvaro Lucci, et al.	
L-Threonine improves intestinal mucin synthesis and immune function of intrauterine growth-retarded weanling piglets	182
Hao Zhang, Ph.D., Yueping Chen, Ph.D., Yue Li, Ph.D., et al.	
Case Report	
Transient phenylketonuria in premature infants.....	180
Beatriz Salamanca-Zarzuela, Pediatricians, María Elena Infante López, Pediatricians, Carlos Alcalde Martín, Pediatricians	
Meta-analysis	
Coffee and tea consumption and the risk for subarachnoid hemorrhage: A meta-analysis.....	21
Qin Rui, MD, Haibo Ni, MD, Huixiang Liu, MD, et al.	
Special issue on Nutrition in ICU	
Update on glucose in critical care	14
Olivier Lheureux, M.D., Danielle Prevedello, M.D., Jean-Charles Preiser, M.D., Ph.D.	
Probiotic and synbiotic therapy in the critically ill: State of the art	29
James M. Davison, PhD and Paul E. Wischmeyer, M.D., E.D.I.C.	
Current evidence on ω -3 fatty acids in enteral nutrition in the critically ill: A systematic review and meta-analysis.....	56
WAC (Kristine) Koekkoek, M.D., Vasilianna Panteleon, M.Sc., Arthur RH van Zanten, M.D., Ph.D.	
Parenteral nutrition in the ICU: Lessons learned over the past few years	188
Mette M. Berger, M.D., Ph.D. and Claude Pichard, M.D., Ph.D.	