LETTERS TO THE EDITOR

Characteristics of Hospitalized Children With a Diagnosis of Malnutrition: United States, 2010
Jason L. Salemi, PhD, MPH; Jennifer Carvalho-Salemi, MPH, RDN, LD; and Molly R. Wong Vega, MS, RD, LD

Response to Salemi et al
Ruba A. Abdelhadi, MD, CNSC; Sandra Bouma, MS, RDN; Sigrid Bairdain, MD; Jodi Wolff, MS, RDN; Amanda Legro, MS, RD; Steve Plogsted, PharmD, BCNSP; Peggi Guenter, PhD, RN; Helaine Resnick, PhD; Jaime C. Slaughter-Acey, PhD; and Mark R. Corkins, MD, CNSC

TUTORIAL

Diarrhea in Critically Ill Patients: The Role of Enteral Feeding
Ione de Brito-Ashurst, MSc, PhD, RD; and Jean-Charles Preiser, MD, PhD

ORIGINAL COMMUNICATIONS

Pyruvate Is Superior to Citrate in Oral Rehydration Solution in the Protection of Intestine via Hypoxia-Inducible Factor-1 Activation in Rats With Burn Injury
Sen Hu, MD, PhD; Zhi-Long Lin, MD; Zeng-Kai Zhao, MD; Rui Liu, MD; Li Ma, MD; Hong-Min Luo, MD; Fang-Qiang Zhou, MD; and Xiao-Dong Bai, MD, PhD

Responses of Preterm Pigs to an Oral Fluid Supplement During Parenteral Nutrition
Kirsten Berding, BS; Patty Makarem, BS; Brittany Hance, BS; Anne Marie Dixen Axel, MS; Vikki Nolan, PhD; Karyl K. Buddington, DVM, DACLAM; and Randal K. Buddington, PhD

An Analysis of Reliability and Accuracy of Muscle Thickness Ultrasonography in Critically Ill Children and Adults
Tom Fives, MD; Alexandre Hendrickx, MSc; Tom Van Herpe, Eng, PhD; Dirk Vlasselaers, MD, PhD; Lars Desmet, MD; Greet Van den Berghe, MD, PhD; and Dieter Mesotten, MD, PhD

Comparison Between Handgrip Dynamometry and Manual Muscle Testing Performed by Registered Dietitians in Measuring Muscle Strength and Function of Hospitalized Patients
Lindsay Dowhan, MS, RD, CSO, LD, CNSC; Robert DeChicco, MS, RD, LD, CNSC; Renee Welsh, RD, LD, CNSC; Rebecca Wehner, RD, LD, CNSC; Monica Habib, MS, RD, LD, CNSC; Peggy Hipskind, MA, RD, LD; and Gail Cresci, PhD, RD, LD, CNSC

Mechanically Ventilated, Cardiothoracic Surgical Patients Have Significantly Different Energy Requirements Comparing Indirect Calorimetry and the Penn State Equations
Robert Ratzlaff, DO, MSc; Diane Nowak, RD, LD, CNSC; Desiree Cordillo, MS, RD, LD, CNSC; Gail A. Cresci, PhD, RD, LD, CNSC; Kevin Faulhaber, RRT; Edward J. Mascha, PhD; and J. Steven Hata, MD, MSc, FCCP, FCCM

Seven-Point Subjective Global Assessment Is More Time Sensitive Than Conventional Subjective Global Assessment in Detecting Nutrition Changes
Su Lin Lim, PhD; Xiang Hui Lin, MSc; and Lynne Daniels, PhD

Liver Disease, Systemic Inflammation, and Growth Using a Mixed Parenteral Lipid Emulsion, Containing Soybean Oil, Fish Oil, and Medium Chain Triglycerides, Compared With Soybean Oil in Parenteral Nutrition–Fed Neonatal Piglets
Justine M. Turner, MD, PhD; Jessica Josephson, MSc; Catherine J. Field, PhD; Pamela R. Wizzard, BSc; Ronald O. Ball, PhD; Paul B. Pencharz, MD, PhD; and Paul W. Wales, MD, MSc

No Clinical or Biochemical Evidence for Essential Fatty Acid Deficiency in Home Patients Who Depend on Long-Term Mixed Olive Oil– and Soybean Oil–Based Parenteral Nutrition
Evelyn D. Olthof, MSc; Hennie M. J. Roelofs, BSc; Helena L. Fisk, BSc; Philip C. Calder, PhD, DPhil; and Geert J. A. Wanten, MD, PhD, MSc
Environmental Risk Factors for Developing Catheter-Related Bloodstream Infection in Home Parenteral Nutrition Patients: A 6-Year Follow-up Study
Laura Fuglsang Bech, BSc; Lotte Drstrup, BSc; Louis Nygaard, BSc; Anders Skallerup, BSc; Line Dahlstrøm Christensen, MD; Lars Vinter-Jensen, MD, PhD, DMSc; Henrik Højgaard Rasmussen, MD, PhD; and Mette Holst, RN, MCN, PhD

Choline Alleviates Parenteral Nutrition–Associated Duodenal Motility Disorder in Infant Rats
Jie Zhu, MD, PhD; Yang Wu, PhD; Yonggao Guo, MD; Qingya Tang, MD; Ting Lu, BSc; Wei Cai, MD, PhD; and Haiyan Huang, MD, PhD

A Descriptive Study of the Risk Factors Associated With Catheter-Related Bloodstream Infections in the Home Parenteral Nutrition Population
Michael J. Durkin, MD; Jonathan L. Dukes, PhD, MPH; Dominic N. Reeds, MD; John E. Mazuski, MD, PhD; and Bernard C. Camins, MD, MSc

Aluminum Contamination in Parenteral Nutrition Admixtures for Low-Birth-Weight Preterm Infants in Mexico
Victoria Lima-Rogel, MD, MSc; Silvia Romano-Moreno, PhD; Esperanza de Jesús López-López, BSc; Francisco de Jesús Escalante-Padrón, MD, MSc; and Gilberto Fabian Hurtado-Torres, MD, MEd

A Reproducible and Individualized Method to Predict Osmolality of Compounded Pediatric Parenteral Nutrition Solutions
Antoine Petitcollin, PharmD; Stéphanie Duval, PharmD; Antoine Bouissou, MD; and Hélène Bourgoin, PhD, PharmD

Japanese Kampo Saireito Has a Liver-Protective Effect Through the Inhibition of Inducible Nitric Oxide Synthase Induction in Primary Cultured Rat Hepatocytes
Hirokazu Miki, MD; Katsuji Tokuhara, MD, PhD; Masaharu Oishi, MD, PhD; Richi Nakatake, MD; Yoshito Tanaka, MD, PhD; Masaki Kaibori, MD, PhD; Mikio Nishizawa, MD, PhD; Tadayoshi Okumura, PhD; and Masanori Kon, MD, PhD

BRIEF COMMUNICATIONS

Bombesin Preserves Goblet Cell Resistin-Like Molecule β During Parenteral Nutrition but Not Other Goblet Cell Products
Rebecca A. Busch, MD; Aaron F. Heneghan, PhD; Joseph F. Pierre, PhD; Joshua C. Neuman, MS; Claire A. Reimer; Xinying Wang, MD; Michelle E. Kimple, PhD; and Kenneth A. Kudsk, MD

Energy-Dense Formulae May Slow Gastric Emptying in the Critically Ill
Palash Kar, MBBS; Mark P. Plummer, MBBS; Marianne J. Chapman, BMBS, PhD, FANZCA, FCICM; Caroline E. Cousins, BSc; Kylie Lange, BSc; Michael Horovitz, MBBS, PhD, FRACP; Karen L. Jones, Dip App Sci, PhD; and Adam M. Deane, MBBS, PhD, FRACP, FCICM

Comprehensive Safety Monitoring of 12-Month Daily 7000-IU Vitamin D₃ Supplementation in Human Immunodeficiency Virus–Infected Children and Young Adults
Joan I. Schall, PhD; Mary L. Hediger, PhD; Babette S. Zemel, PhD; Richard M. Rutstein, MD; and Virginia A. Stallings, MD

JOURNAL CLUB

JPEN Journal Club 22. Superiority, Noninferiority, and Equivalence
Ronald L. Koretz, MD