Invited Commentary
Assessment of the Physicochemical Stability of All-in-One Parenteral Emulsions for Neonates According to USP Specifications, Athanasiou et al
David F. Driscoll, PhD

Letters to the Editor
Letter to the Editor
Elizabeth Tucker
Response to Tucker
Marion F. Winkler, PhD, RD, LDN, CNSC; and Carol E. Smith, RN, PhD, FAAN

Tutorial
Irritable Bowel Syndrome: Contemporary Nutrition Management Strategies
Gerard E. Mullin, MD; Sue J. Shepherd, PhD, AdvAPD, RFF, FACNEM (Hon); Bani Chander Roland, MD; Carol Ireton-Jones, PhD, RDN, LD, CNSC, FAND, FASPEN; and Laura E. Matarese, PhD, RDN, LDN, CNSC, FADA, FASPEN, FAND

Original Communications
Randomized Clinical Trial of New Intravenous Lipid (SMOFlipid 20%) Versus Medium-Chain Triglycerides/Long-Chain Triglycerides in Adult Patients Undergoing Gastrointestinal Surgery
Ming-Hsun Wu, MD; Ming-Yang Wang, MD; Chin-Yao Yang, MD; Min-Liang Kuo, PhD; and Ming-Tsan Lin, MD

Frequency of Aspirating Gastric Tubes for Patients Receiving Enteral Nutrition in the ICU: A Randomized Controlled Trial
Teresa A. Williams, PhD, M Hlth Sci(Research), ICU Cert, RN; Gavin Leslie, PhD, PG Dip(Clin Nurs), BappSc, RN; Lauren Mills, BSc Nutrition & Dietetics, PG Dip Dietetics; Tim Leen, RN, ICU Cert; Hugh Davies, RN, PhD; David Hendron, MBBChBAO, FCARCSI MRCP(UK), FJFICMI, EDIC, DIBICM, PGDipClinEd; and Geoffrey J. Dobb, MBBS, FRCP (UK), FRCA, FANZCA, FCICM

Parenteral Nutrition Decreases Paneth Cell Function and Intestinal Bactericidal Activity While Increasing Susceptibility to Bacterial Enteroinvasion
Aaron F. Heneghan, PhD; Joseph F. Pierre, PhD; Kanokwan Tandee, PhD; Dhanansayan Shanmuganayagan, PhD; Xinying Wang, MD; Jess D. Reed, PhD; James L. Steele, PhD; and Kenneth A. Kudsk, MD

Attenuation of Sepsis-Induced Organ Injury in Mice by Vitamin C
Bernard J. Fisher, MS; Donatas Kraskauskas, DVM; Erika J. Martin, MT; Daniela Farkas, BS; Puneet Puri, MD; H. Davis Massey, MD; Michael O. Idowu, MD; Donald F. Brophy, PharmD; Norbert F. Voelkel, MD; Alpha A. Fowler III, MD; and Ramesh Natarajan, PhD

Identifying Patient-Centered Quality Indicators for the Care of Adult Home Parenteral Nutrition (HPN) Patients
Mira Dreesen, PharmD; Veerle Foulin, PhD, PharmD; Kris Vanhaeckt, RN; Lutgari De Pourcq, PharmD; Martin Hiele, MD; and Ludo Willems, PhD, PharmD

Maximum Tolerated Osmolarity for Peripheral Administration of Parenteral Nutrition in Pediatric Patients
Shannon Dugan, PharmD; Jennifer Le, PharmD, MAS, FCCP, BCPS-ID; and Rita K. Jew, PharmD, FASHP

The Prevalence of Abnormal Metabolic Parameters in Obese and Overweight Children
Deborah Salvatore, MS, RD, CDN; Ava Satnick, BS; Rebecca Abell, DO; Catherine R. Messina, PhD; and Anupama Chawla, MD
Nitrite and Nitrate Concentrations and Metabolism in Breast Milk, Infant Formula, and Parenteral Nutrition
Jessica A. Jones, BS; Janet R. Ninnis, MD; Andrew O. Hopper, MD; Yomna Ibrahim, MD; T. Allen Merritt, MD, MHA; Kim-Wah Wan, RPh; Gordon G. Power, MD; and Arlin B. Blood, PhD

Assessment of the Physicochemical Stability of All-in-One Parenteral Emulsions for Neonates According to USP Specifications
Christos Athanasiou, MD; Sophia Hatziantoniou, PhD; Maria Skourosiakou, PhD; and Sophia Markantonis-Kyroudis, PhD

Brief Communications
The Prevalence of Sarcopenia in Patients With Respiratory Failure Classified as Normally Nourished Using Computed Tomography and Subjective Global Assessment
Patricia M. Sheean, PhD, RD; Sarah J. Peterson, MS, RD; Sandra Gomez Perez, MS, RD; Karen L. Troy, PhD; Ankur Patel, MD; Joy S. Sclamberg, MD; Folabomi C. Ajanaku, BS; and Carol A. Braunschweig, PhD, RD

Exploitation of Diagnostic Computed Tomography Scans to Assess the Impact of Nutrition Support on Body Composition Changes in Respiratory Failure Patients
Carol A. Braunschweig, PhD, RD; Patricia M. Sheean, PhD, RD; Sarah J. Peterson, MS, RD; Sandra Gomez Perez, MS, RD; Sally Freels, PhD; Karen L. Troy, PhD; Folabomi C. Ajanaku, BS; Ankur Patel, MD; Joy S. Sclamberg, MD; and Zebin Wang, PhD

Bedside Ultrasound Is a Practical and Reliable Measurement Tool for Assessing Quadriceps Muscle Layer Thickness
Maggie Tillquist, MD; Demetrios J. Kutsogiannis, MD, MHS, FRCPC; Paul E. Wischmeyer, MD; Christine Kummerlen, MD; Roger Leung, BSc; Daniel Stollery, MD, FCCP, FRCPC; Constantine J. Karvellas, MD, FRCP; Jean-Charles Preiser, MD, PhD; Nora Bird, VMD, BS, RDMS; Rosemary Kozar, MD, PhD; and Daren K. Heyland, MD, FRCPC, MSc

Malnutrition at Diagnosis Predicts Mortality in Patients With Systemic Immunoglobulin Light-Chain Amyloidosis Independently of Cardiac Stage and Response to Treatment
Riccardo Caccialanza, MD; Giovanni Palladini, MD, PhD; Catherine Klersy, MD, MSc; Emanuele Cereda, MD, PhD; Chiara Bonardi, RD; Barbara Cameletti, RD; Lara Quarleri, RD; Elisabetta Montagna, RD; Andrea Foli, MD; Paolo Milani, MD; Francesca Lavatelli, MD; Carlo Marena, MD; and Giampaolo Merlini, MD, PhD

Self-Insertion of a Nasogastric Tube for Home Enteral Nutrition: A Pilot Study
Didier Quilliot, MD, PhD; Camille Zallot, MD; Aurélie Malgras, MD; Adeline Germain, MD; Laurent Bresler, MD, PhD; Ahmet Ayav, MD, PhD; Marc-André Bigard, MD, PhD; Laurent Peyrin-Biroulet, MD, PhD; and Olivier Ziegler, MD, PhD

Case Report
Hypothyroidism and Iodine Deficiency in an Infant Requiring Total Parenteral Nutrition
Katherine Elizabeth Clarridge, MD, MSc; Erin E. Conway, MD; and John Bucuvalas, MD

Journal Club
JPEN Journal Club 7. Subgroup Analyses
Ronald L. Koretz, MD