Value of Nutrition Support Therapy: Impact on Clinical & Economic Outcomes in the United States

PUBLICATION: Journal of Parenteral and Enteral Nutrition
PUBLISH DATE: 29 January 2020

AUTHORS
Renay Tyler DNP, ACNP; Albert Barrocas MD, FACS; Peggi Guenter PhD, RN; Krysmaru Araujo Torres MD, MSPP; Matthew L Bechtold MD, AGAF; Lintak-Neander Chan PharmD, BCNSP; Brya Collier DO, FACS; Nilsa A. Collins RDN, LD, MBA, MHA; David C. Evans MD, FACS, PNS; Karin Godamunne MD; Cindy Hamilton MS, RD; Beverly J.D. Hernandez PhD, RD; Jay M. Mirtallo RPh, BCNSP; William J. Nadeau MS, RD; Jamie Partridge PhD, MBA; Moreno Perugini MBA, MHE; Angel Valladares MPH

SUMMARY
An evidence review was completed to evaluate claims analyses of the financial and quality impact of nutrition support therapy on high-priority therapeutic conditions. A total of 8 articles were selected for Medicare claims modeling of sepsis, gastrointestinal (GI) cancer, hospital-acquired infections, surgical complications, and pancreatitis. The total projected annual cost savings from use of optimized nutrition support therapy was $580 million.
Association of Nutritional Support with Clinical Outcomes Among Medical Inpatients Who Are Malnourished or at Nutritional Risk: An Updated Systematic Review & Meta-Analysis

**PUBLICATION:** JAMA Network Open  
**PUBLISH DATE:** 1 November 2019  
**AUTHORS:**  
Filomena Gomes PhD; Annic Baumgartner MD; Lisa Bounoure PhD; Martina Bally MD; Nicolaas E. Deutz MD; Jeffrey L. Greenwald MD; Zeno Stanga MD; Beat Mueller MD; Philipp Schuetz MD, MPH

**SUMMARY**  
A meta-analysis of 27 trials published between 2015 and 2019 was completed to assess the association of nutritional support with clinical outcomes in medical inpatients who are malnourished or at nutritional risk. Patients receiving nutritional support had significantly lower rates of mortality compared to those in the control group, as well as a reduction in nonelective hospital admissions.

ESPEN Guideline on Home Enteral Nutrition

**PUBLICATION:** Clinical Nutrition  
**PUBLISH DATE:** January 2020  
**AUTHORS:**  
Stephan Bischoff MD; Peter Austin BPharm (Hons), MSc; Kurt Boeykens CNNS; Michael Chouridakis BSc, MD, MPH, PhD; Cristina Cuerda PhD; Cora Jonkers-Schuitema RD; Marek Lichota; Ibolya Nyulasi PhD; Stephane M. Schneider MD, PhD, FEBGH; Zeno Stanga MD; Loris Pironi MD
**SUMMARY:**
European Society for Clinical Nutrition and Metabolism (ESPEN) guidelines for health care professionals about the indications and contraindications for the use of home enteral nutrition. These guidelines were developed from expert opinion and review of current evidence, and consists of 61 recommendations.

**American Society for Parenteral & Enteral Nutrition Clinical Guidelines: The Validity of Body Composition Assessment in Clinical Populations**

**PUBLICATION:** Journal of Parenteral and Enteral Nutrition  
**PUBLISH DATE:** January 2020  
**AUTHORS:**  
Patricia Sheean PhD, RD; M. Cristina Gonzalez MD, PhD; Carla M. Prado PhD, RD; Liam McKeever PhD, RD; Amber M. Hall MPH; Carol A. Braunschweig PhD, RD

**SUMMARY:**
Systematic review conducted to evaluate the evidence available regarding the validity of body composition measures. A total of 7375 studies were reviewed for use of dual energy X-ray absorptiometry (DXA), ultrasound (US), and bioelectrical impedance analysis (BIA) in clinical populations. DXA is recommended for the assessment of fat mass in patients, and no recommendations can be made at this time to support the use of US or BIA in the clinical setting.

**Update on Early Introduction of Peanut to Prevent Allergy Development: Challenges with Implementation**

**PUBLICATION:** Current Allergy and Asthma Reports  
**PUBLISH DATE:** 9 November 2019
AUTHORS:
Irene Mikhail MD; Ben T. Prince MD; David R. Stukus MD

SUMMARY:
While recent evidence has suggested early introduction of peanut into the diet to prevent allergy, challenges exist that prevent implementation of this concept. This case study explores the history of peanut allergy, recent topic research, and provides a case study of an Early Peanut Introduction clinic.

Read Article

Be part of the ANHI community

Like this newsletter? Forward to your colleagues and let them know they can subscribe here.

Abbott Nutrition Health Institute is an approved provider of continuing nursing education by the California Board of Registered Nursing Provider #CEP 11213.

Abbott Nutrition Health Institute is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). CDR Credentialed Practitioners will receive Continuing Professional Education Units (CPEUs) for completion of these activities/materials.
Unless otherwise specified, all product and service names appearing in this newsletter are trademarks owned by or licensed to Abbott, its subsidiaries or affiliates. No use of any Abbott trademark, trade name, or trade dress in this site may be made without prior written authorization of Abbott, except to identify the product or services of the company.