

## February Nutrition Research Review

### Nascent to Novel Methods to Evaluate Malnutrition and Frailty in the Surgical Patient

**Publication:** Journal of Parenteral and Enteral Nutrition

**Authors:** Carla M Prado, Katherine L Ford, M Cristina Gonzalez, Lisa C Murnane, Chelsia Gillis, Paul E Wischmeyer, Chet A Morrison, Dileep N Lobo

**Publish Date:** December 2022

**Abstract:** This narrative review discusses novel methods to assess malnutrition and frailty in the surgery setting. The Global Leadership Initiative for Malnutrition (GLIM) criteria are increasingly used in surgical settings and the use of body composition (ie, reduced muscle mass) as a phenotypic criterion in GLIM may lead to a greater number of patients identified as having malnutrition, which may otherwise be undetected if screened by other diagnostic tools. Selected imaging techniques have the additional advantage of identifying myosteatosis (an independent predictor of morbidity and mortality for surgical patients). Nascent to novel approaches are the future of objectively identifying patients at perioperative nutrition risk and guiding therapy toward optimal perioperative standards of care.

<https://pubmed.ncbi.nlm.nih.gov/36468288/>

### Oncology-Led Early Identification of Nutritional Risk: A Pragmatic, Evidence-Based Protocol (PRONTO)

**Publication:** Cancers

**Authors:** Maurizio Muscaritoli, Gil Bar-Sela, Nicolo Matteo Luca Battisti, Borislav Belev, Jorge Contreras-Martínez, Enrico Cortesi, Ione de Brito-Ashurst, Carla M. Prado, Paula Ravasco, Suayib Yalcin

**Publish Date:** January 2023

**Abstract:** Early identification of patients with active who are at risk for or already malnourished is critical for optimizing treatment success. Malnourished patients are at increased risk for being unable to tolerate the most effective 'level' and 'duration' of treatment. This paper provides a practical PROtocol for NuTritional risk in Oncology (PRONTO) to enable oncologists to identify patients with or at risk of malnutrition for further evaluation and follow-up with members of the multidisciplinary care team (MDT).

<https://www.mdpi.com/2072-6694/15/2/380>

## Clinical Applications of Body Composition and Functional Status Tools for Nutrition Assessment of Hospitalized Adults: A Systematic Review

**Publication:** Journal of Parenteral and Enteral Nutrition

**Authors:** Luke O Smith, Joanne F Olieman, Kirsten A Berk, Gerdien C Ligthart-Melis, Carrie P Earthman

**Publish Date:** January 2023

**Abstract:** The review examined which body composition assessment (BCA) and functional status assessment (FSA) tools are being used for nutrition assessment (NA) and monitoring the response to nutrition interventions (RNIs) in adult inpatients. The literature search yielded 3667 articles; 94 were included in the review. Bioimpedance methods are the most widely used bedside BCA tools, and handgrip strength is the most widely used FSA tool ; however, these methods are being used with a variety of protocols, algorithms, and interpretation practices in heterogeneous populations.

<https://pubmed.ncbi.nlm.nih.gov/36036239/>

## Executive Summary: Clinical Practice Guideline for the Evaluation and Treatment of Children and Adolescents with Obesity

**Publication:** Pediatrics

**Authors:** Sarah E. Hampl, MD, FAAP, Sandra G. Hassink, MD, FAAP, Asheley C. Skinner, PhD, Sarah C. Armstrong, MD, FAAP, Sarah E. Barlow, MD, MPH, FAAP, Christopher F. Bolling, MD, FAAP, Kimberly C. Avila Edwards, MD, FAAP, Ihuoma Eneli, MD, MS, FAAP, Robin Hamre, MPH, Madeline M. Joseph, MD, FAAP, Doug Lunsford, MEd, Eneida Mendonca, MD, PhD, FAAP, Marc P. Michalsky, MD, MBA, FAAP, Nazrat Mirza, MD, ScD, FAAP, Eduardo R. Ochoa, Jr, MD, FAAP, Mona Sharifi, MD, MPH, FAAP, Amanda E. Staiano, PhD, MPP, Ashley E. Weedn, MD, MPH, FAAP, Susan K. Flinn, MA, Jeanne Lindros, MPH, Kymika Okechukwu, MPA

**Publish Date:** January 2023

**Abstract:** The AAP has published its first comprehensive guidance in 15 years that highlights more evidence than ever that obesity treatment is safe and effective. This clinical practice guideline (CPG) aims to inform pediatricians and other pediatric health care providers (PHCPs) about the standard of care for evaluating and treating children with overweight and obesity and related comorbidities. The CPG promotes an approach that considers the child's health status, family system, community context, and resources for treatment to create the best evidence-based treatment plan.

<https://publications.aap.org/pediatrics/article/151/2/e2022060641/190440/Executive-Summary-Clinical-Practice-Guideline-for?autologincheck=redirected>

## Enteral Nutrition in Preterm Infants (2022): A Position Paper from the ESPGHAN Committee on Nutrition and Invited Experts

**Publication:** Journal of Pediatric Gastroenterology and Nutrition

**Authors:** Nicholas David Embleton, Sissel Jennifer Moltu, Alexandre Lapillonne, Chris H.P. van den Akker, Virgilio Carnielli, Christoph Fusch, Konstantinos Gerasimidis, Johannes B. van Goudoever, Nadja Haiden, Silvia Iacobelli, Mark J. Johnson, Sascha Meyer, Walter Mihatsch, Miguel Saenz de Pipaon, Jacques Rigo, Gitte Zachariassen, Jiri Bronsky, Flavia Indrio, Jutta Köglmeier, Barbara de Koning, Lorenzo Norsa, Elvira Verduci, Magnus Domellöf

**Publish Date:** October 2022

**Abstract:** A previous guideline on cow's milk allergy (CMA) developed by the European Society of Paediatric Gastroenterology, Hepatology and Nutrition was published in 2012. This position paper provides an update on the diagnosis, treatment and prevention of CMA with focus on gastrointestinal manifestations. After reaching consensus on the manuscript, statements were formulated and voted on.

<https://pubmed.ncbi.nlm.nih.gov/36705703/>