Pediatric Nutrition

a dietetic practice group of the Academy of Nutrition and Dietetics

PNPG Malnutrition Workgroup Resource List

Articles:

Pediatric Malnutrition

Mehta, N.M., Corkins, M.R., Lyman, B. et al. Defining pediatric malnutrition: A paradigm shift toward etiology-related definitions. JPEN J Parenter Enteral Nutr. 2013; 37: 460–481

Becker, P.J., Nieman Carney, L., Corkins, M.R. et al. Consensus statement of the Academy of Nutrition and Dietetics/American Society for Parenteral and Enteral Nutrition: Indicators recommended for the identification and documentation of pediatric malnutrition (undernutrition). J Acad Nutr Diet. 2014; 114: 1988–2000

Bouma, S. Diagnosing pediatric malnutrition. Nutr Clin Pract. 2017; 32: 52–67

Carvalho-Salemi, J., Salemi, J.L., Wong-Vega, M.R. et al. Malnutrition among hospitalized children in the United States: Changing prevalence, clinical correlates, and practice patterns between 2002 and 2011. ([published online ahead of print May 1, 2017])J Acad Nutr Diet. 2018; 118: 40–51

Abdelhadi, R.A., Bouma, S., Bairdain, S. et al. Characteristics of hospitalized children with a diagnosis of malnutrition: United States, 2010. JPEN J Parenter Enteral Nutr. 2016; 40: 623–635

Malnutrition and outcomes

Hecht, C., Weber, M., Grote, V. et al. Disease-associated malnutrition correlates with length of hospital stay in children. Clin Nutr. 2015; 34: 53–59.

Corkins et al. Addressing Disease-Related Malnutrition in Hospitalized Patients: A Call for a National Goal. Jt Comm J Qual Patient Saf. 2015 Oct;41(10):469-73.

Nutrition Screening

Chourdakis, M., Hecht, C., Gerasimidis, K. et al. Malnutrition risk in hospitalized children: Use of 3 screening tools in a large European population. Am J Clin Nutr. 2016; 103: 1301–1310

Joosten, K.F. and Hulst, J.M. Nutritional screening tools for hospitalized children: Methodological considerations. Clin Nutr. 2014; 33: 1–5

Huysentruyt, K., Alliet, P., Muyshont, L. et al. The STRONG(kids) nutritional screening tool in hospitalized children: A validation study. Nutrition. 2013; 29: 1356–1361

Hulst J, Joosten K. Nutrition Screening: Coding After Discharge Underestimates the Prevalence of Under nutrition. J Acad Nutr Diet. 2017;118;1.33-36.

M. White, K. Lawson, R. Ramsey, N. Dennis, Z. Hutchinson, X. Y. Soh, M. Matsuyama, A. Doolan, A. Todd, A. Elliott, K. Bell, R. Littlewood. A Simple Nutrition Screening Tool for Pediatric Inpatients. JPEN J Parenter Enteral Nutr. 2016 Mar;40(3):392-8.

Mid-Upper Arm Circumference

Abdel-Rahman SM, Bi C, Thaete K.. Construction of Lambda, Mu, Sigma Values for Determining Mid-Upper Arm Circumference z Scores in U.S. Children Aged 2 Months Through 18 Years. Nutr Clin Pract. 2017 Feb;32(1):68-76.

Stephens K, Escobar A, Jennison EN, Vaughn L, Sullivan R, Abdel-Rahman S; CMH Nutrition Services Z-Score Research Team. Evaluating Mid-Upper Arm Circumference Z-Score as a Determinant of Nutrition Status. Nutr Clin Pract. 2018 Feb;33(1):124-132.

Handgrip Strength

Jensen KC, Bellini SG, Derrick JW, Fullmer S, Eggett D. Handgrip Strength and Malnutrition (Undernutrition) in Hospitalized Versus Nonhospitalized Children Aged 6-14 Years. Nutr Clin Pract. 2017 Oct;32(5):687-693.

Malnutrition diagnosis coding and reimbursement

Phillips W. Coding for Malnutrition in the Adult Patient: What the Physician Needs to Know. Practical Gastroenterology. NUTRITION ISSUES IN GASTROENTEROLOGY, SERIES #133; 2014 September (Volume: XXXVIII Issue: 9). http://www.practicalgastro.com/pdf/September14/Phillips.pdf

Giannopoulos GA et al. Malnutrition coding 101: financial impact and more. Nutr Clin Pract. 2013 Dec;28(6):698-709.

Department of Health and Human Services, Centers for Medicare & Medicaid Services. Acute care hospital inpatient prospective payment system, payment system fact sheet series. April 2013.

http://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/

MLNProducts/downloads/AcutePaymtSysfctsht.pdf.

Academy of Nutrition and Dietetics- Malnutrition Codes - Characteristics and Sentinel Markers

https://www.eatrightpro.org/resource/practice/getting-paid/nuts-and-bolts-of-getting-paid/malnutrition-codes-characteristics-and-sentinel-markers

https://www.huronconsultinggroup.com/Insights/Whitepapers/Healthcare/~/media/47777A4ABB824A3B9A9E7FBFF51E4DE9.ashx/

Building Block for Life articles:

Summer 2018

https://members.pnpg.org/modules/library/item.cfm?item_type=cms_File&id=87766

Winter 2015

https://members.pnpg.org/modules/library/item.cfm?item_type=cms_File&id=56873

Support Line articles:

April 2018 Volume 40 No. 2

- Feasibility of Nutrition-Focused Physical Exam in an Intensive Care Unit

October 2017 Volume 39 No. 5

- Characterizing and Communicating Malnutrition of Hospitalized Pediatric Patients: A Nuanced Challenge for Nutrition Professionals

August 2017 Volume 39 No. 4

- Malnutrition, Pressure Injuries, and Effective Prevention and Treatment

June 2017 Volume 39 No. 3

- A Step-By-Step Guide to Implementing a Malnutrition Coding Program for Adult Patients
- A Personal Journey in Malnutrition Documentation
- There's No Denying the Expanding Involvement of Dietitians in Malnutrition Coding

August 2016 Volume 38 No. 4

- Nutrition-focused Physical Examination: A Head-to-Toe Approach with a Focus on Micronutrient Deficiencies

December 2015 Volume 37 No. 6

- Implementation of Malnutrition Coding: A Success Story

Academy's on-line malnutrition resources:

www.eatrightpro.com → Practice → Malnutrition

Created: 2018

https://www.eatrightpro.org/~/media/eatrightpro%20files/leadership/hod/about%20hod%20meetings/backgrounder-malnutrition.ashx

Academy's FAQs follow-up to adult and pediatric malnutrition consensus statements:

https://www.nutritioncare.org/WorkArea/DownloadAsset.aspx?id=3673

Nutrition-Focused Physical Exam resources:

Green Corkins K. Nutrition-focused physical examination in pediatric patients. Nutr Clin Pract. 2015 Apr;30(2):203-9.

Secker DJ, Jeejeebhoy KN. How to perform Subjective Global Nutritional assessment in children. J Acad Nutr Diet. 2012 Mar;112(3):424-431.

Pediatric Nutrition Focused Physical Exam Pocket Guide

http://www.eatrightstore.org/product/09B7BD90-321F-45F4-854A-78658769E13C

Academy NFPE workshop

http://www.eatrightpro.org/resource/practice/professional-development/face-to-face-learning/nfpe-workshop

ASPEN resources:

ASPEN 2015 Press Release

http://www.nutritioncare.org/Press_Room/2015/A_S_P_E_N__Calls_for_National_Malnutrition_Goal__Innovations_in_Care_Settings/

ASPEN malnutrition "toolkit" (Step-by-step Guide to Addressing Malnutrition)

https://netforum.avectra.com/eweb/shopping/shopping.aspx?site=aspen&webcode=shopping&&shopsearch=malnutrition&prd_key=2b48a00a-ab7f-434d-91c5-1bc5ee0668dd

Malnutrition Matters Education Program -- highlights the importance of addressing malnutrition in hospital patients. The slide presentations provide nutrition clinicians with a tool to educate physicians, nurse practitioners, and physician assistants on the best practices for diagnosing and documenting malnutrition in adult and pediatric patients.

There are two ready-to-use presentations, one for adults and one for pediatrics. The presentations take only 10-15 minutes and should be used in their entirety. Learn more about the program here.

Created: 2018

ASPEN CEU products--

Pediatric

•Clinical Nutrition Week Sessions

•Too Little Too Late: The Cost of Not Identifying Pediatric Malnutrition – January 2016

•Improve Patient Outcomes by Identifying and Addressing Malnutrition through an Interdisciplinary

•Pediatric Malnutrition Guidelines: Understanding and Applying the Recommendations – February 2015

•Pediatric Malnutrition – February 2014

Malnutrition Awareness Week Webinars and Chats

- Addressing Pediatric Malnutrition: A Carepath from Admission to Discharge

- Pediatric Malnutrition: Connections in the Community

- How to Advocate for Yourself and Your Patient – Pediatrics

Link to Children's Hospital of Philadelphia's malnutrition (undernutrition) pathway-- FREE

http://www.chop.edu/clinical-pathway/malnutrition-undernutrition-clinical-pathway