

## ASPEN Clinical Nutrition Informatics Roundtable Session 2020

### Key Messages and Resources

#### Key Messages:

- *The clinical nutrition build, content, and workflows are different in each healthcare system's electronic health record (EHR) system even if they use the same EHR vendor!*
- *Identify and communicate with your local or corporate clinical informatics team to incorporate nutrition specific EHR optimizations that improve quality and safety of nutrition care in your organization, support from that team is required but may be variable*
- *Nutrition care professionals who are knowledgeable about data structure and software build are in a better place to request specific items to optimize nutrition care workflows*
- *Clinical information should be documented in a discrete format rather than a free text format whenever possible because discrete data makes it possible to auto generate reports for QI, research, etc. and allows for building Clinical Decision Support!*
- *Ordering of nutrition therapy in the EHR, especially parenteral nutrition, needs to be built in such a manner to eliminate or minimize manual transcription of the orders!*
- *The EHR should facilitate malnutrition screening upon hospital admission and for patients with a positive malnutrition screen a mechanism to implement nutrition assessment and nutrition therapy within 48 hours!*
- *Documentation of nutrition therapy intake needs to be improved and the EHR in conjunction with new smart device can help!*

#### Publications:

Electronic Health Record and Parenteral Nutrition Functionality: A Gap Analysis. Ayers P, Foster J, Kanorwala A, et al. *Nutr Clin Pract*. First published:03 February 2020 <https://doi.org/10.1002/ncp.10463>

Consensus Recommendations for Optimizing Electronic Health Records for Nutrition Care. Kight CE, Bouche JM, Curry A, Frankenfield D, et al. AND, ASPEN, ACDIS. *Nutr Clin Pract*. 2020 Feb;35(1):12-23.

A Call to Action for Optimizing the Electronic Health Record in the Parenteral Nutrition Workflow. Vanek VW, Ayers P, Kraft M, et al. ASPEN, AND, ASHP. *Nutr Clin Pract*. 2018 Oct;33(5):e1-e21.

Further steps for parenteral nutrition in the electronic health record. Sanchez JPG, Canada TW, Vanek VW. *Am J Health Syst Pharm*. 2018 Dec 1;75(23):1856-1864.

Optimizing the electronic health record to standardize administration and documentation of nutritional supplements. Citty SW, Kamel A, Garvan C. *BMJ Qual Improv Rep*. 2017 Feb 8;6(1).

#### Resources:

[ASPEN Website: Clinical Nutrition Informatics Resources](http://www.nutritioncare.org/Guidelines_and_Clinical_Resources/Toolkits/Clinical_Informatics_Toolkit/Clinical_Nutrition_Informatics_Resources/)

[http://www.nutritioncare.org/Guidelines\\_and\\_Clinical\\_Resources/Toolkits/Clinical\\_Informatics\\_Toolkit/Clinical\\_Nutrition\\_Informatics\\_Resources/](http://www.nutritioncare.org/Guidelines_and_Clinical_Resources/Toolkits/Clinical_Informatics_Toolkit/Clinical_Nutrition_Informatics_Resources/)

*Includes Nutrition Support and the EHR Webinar Recorded on January 23, 2019, 4:00 PM - 5:00 PM*