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Clinical Nutrition Service

Parenteral Nutrition Order Entry Privileges for Registered Dietitians: Unique Approach to Improve Patient Outcomes (Poster)

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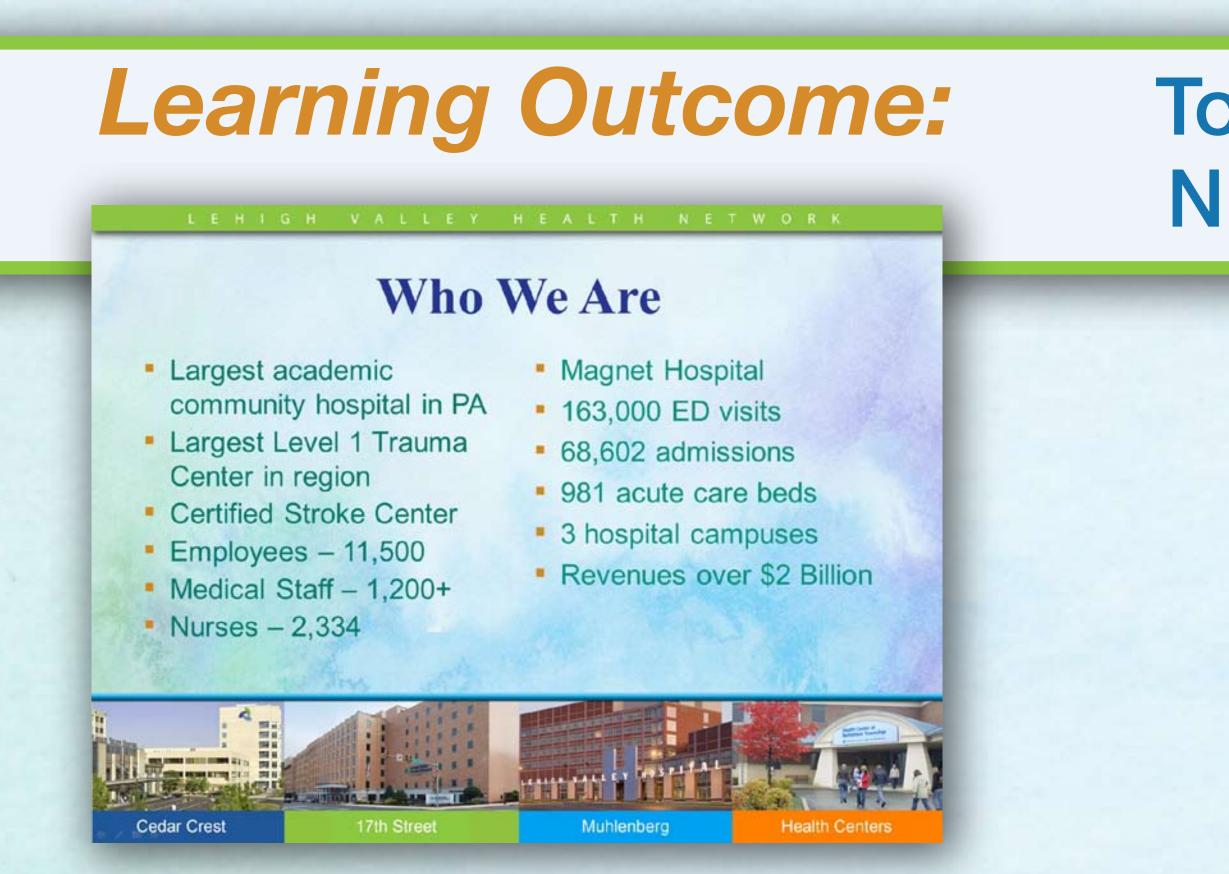
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Published In/Presented At

Holaska, J. (2012). Parenteral nutrition order entry privileges for registered dietitians: unique approach to improve patient outcomes.

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Parenteral Nutrition Order Entry Privileges for Registered Dietitians: **Unique Approach to Improve Patient Outcomes** Judy Holaska, RD, MS, CNSC, LDN



The Problem

Provision of safe and cost-effective parenteral nutrition (PN) utilizing evidence-based research is essential to achieve positive patient outcomes. Physicians, physician assistants and nurse practitioners write PN prescriptions but often lack the skill set to initiate and manage this therapy. Many health care institutions and states deny order-writing privileges to the Registered Dietitian, relegating this professional to an advisory or consultant's role.

A Solution

An intranet-based PN ordering system designed and implemented in 2006, provided an interface between the PN software provider and the LVHN clinical system. The system could seamlessly incorporate patient age and we specific criteria and evidence-based practices to assist prescribing, eliminate transcription and legibility errors and reduce mathematical errors.

Order-entry privileges were granted to Certified Nutrition Support Dietitians/Clinicians with final approval by the prescriber.

Sodexo and Lehigh Valley Health Network, Allentown, Pennsylvania

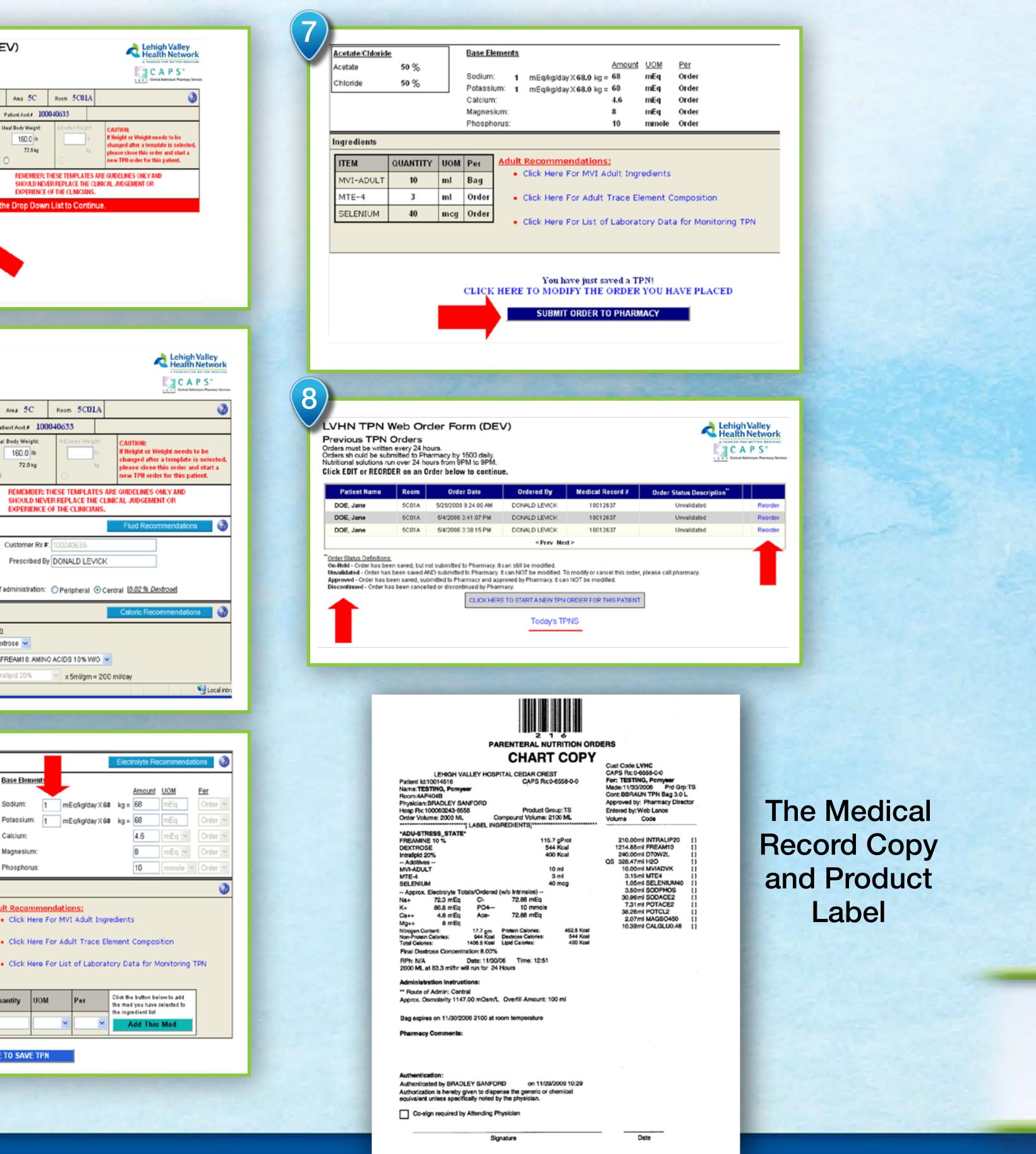
To recognize a process for parenteral nutrition ordering that incorporates the knowledge and expertise of the Certified Nutrition Support Dietitian/Clinician in the initiation and monitoring of safe and effective intravenous nutrition therapy.

Integrated System

Disease-specific templates for stress, pancreatitis, renal and liver dysfunction were created for neonates, children and adults. Based on the template selected, fields are populated utilizing clinical practice guidelines published by the American Society for Enteral and Parenteral Nutrition. Except for standard PN where only volume can be adjusted, changes can be made in any field as dictated by the patient's clinical status. CNSD/C's collaborate with the prescriber and pharmacist in the initiation and monitoring of PN.

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	Nutritional solutions run over 24 hours from 9PM to 9PM. Click EDIT or REORDER on an Order below to continue.
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	Amino Acids 1.5 gm/kg/day x 68 kg = 102 g AAFREAM
	Lipids 0.6 gm/kgiday x 68 kg = 40 g Intralipid
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	CLICK HERE TO



Educational Resources

On-line educational resource tabs are built into each template for prescriber reference. Electronic PN order entry eliminates clerical error and enables the CNSD/C to be a vital player in this therapy.

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	ht: Ib kg	CAUTION: If Height or Weight needs to be changed after a template is selected, please close this order and start a new TPN order for this patient.	
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• Each PN order section includes age specific evidencebased references (ASPEN)



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