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

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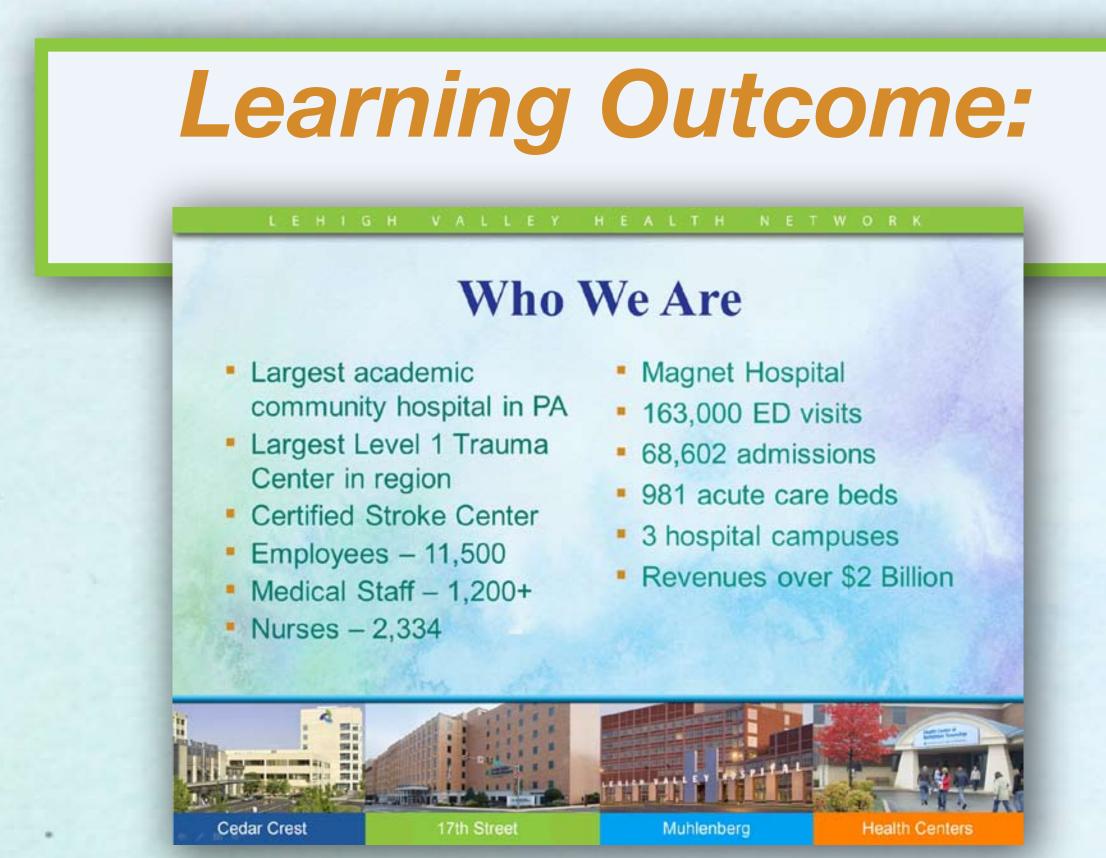
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# Parenteral Nutrition Order Entry Privileges for Registered Dietitians: Unique Approach to Improve Patient Outcomes

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## 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**

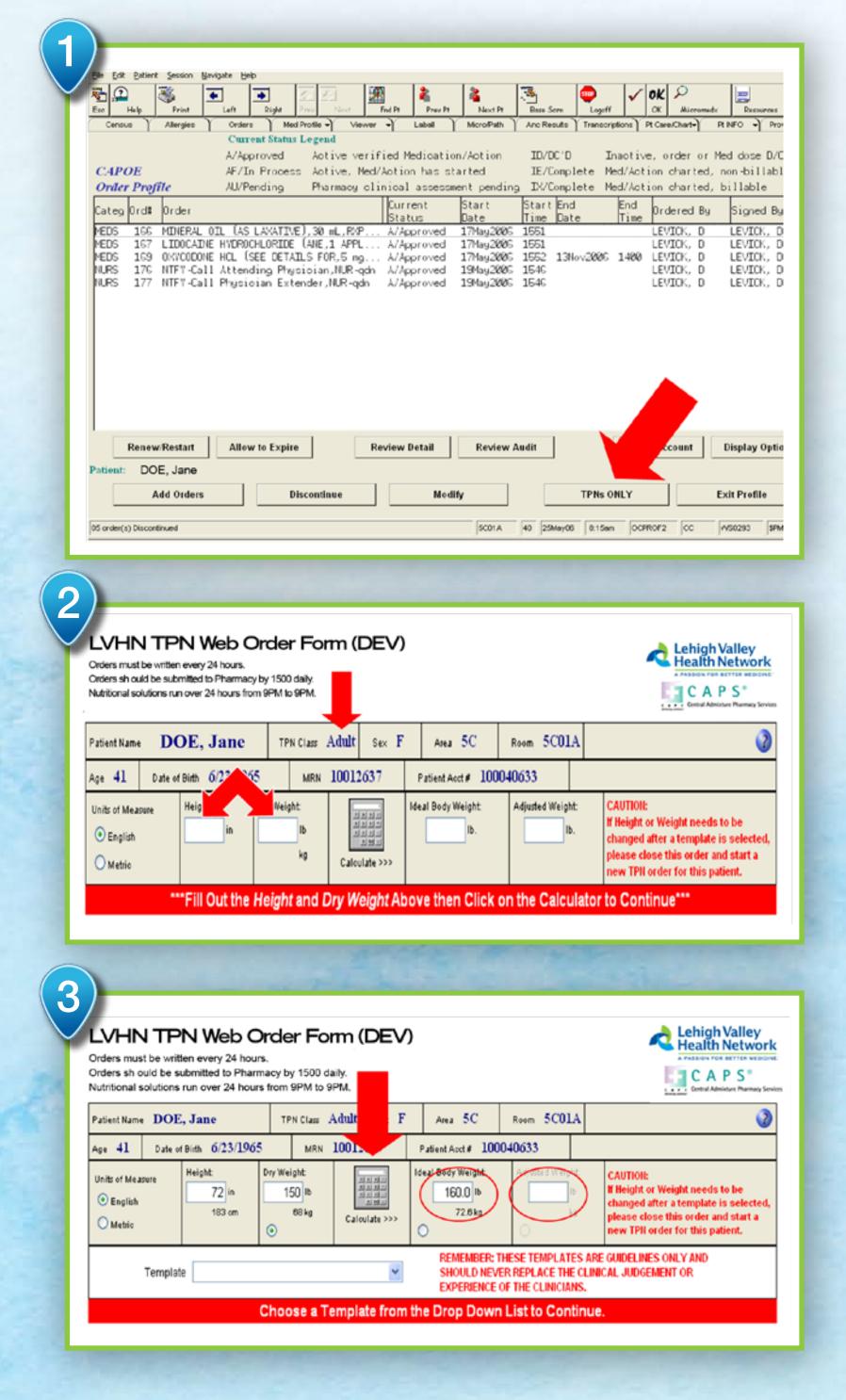
An intranet-based PN ordering system designed and implemented in 2006, provided an interface between the PN software provider and the LVHN clinical system. The system could seamlessly incorporate patient age and weight specific criteria and evidence-based practices to assist prescribing, eliminate transcription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

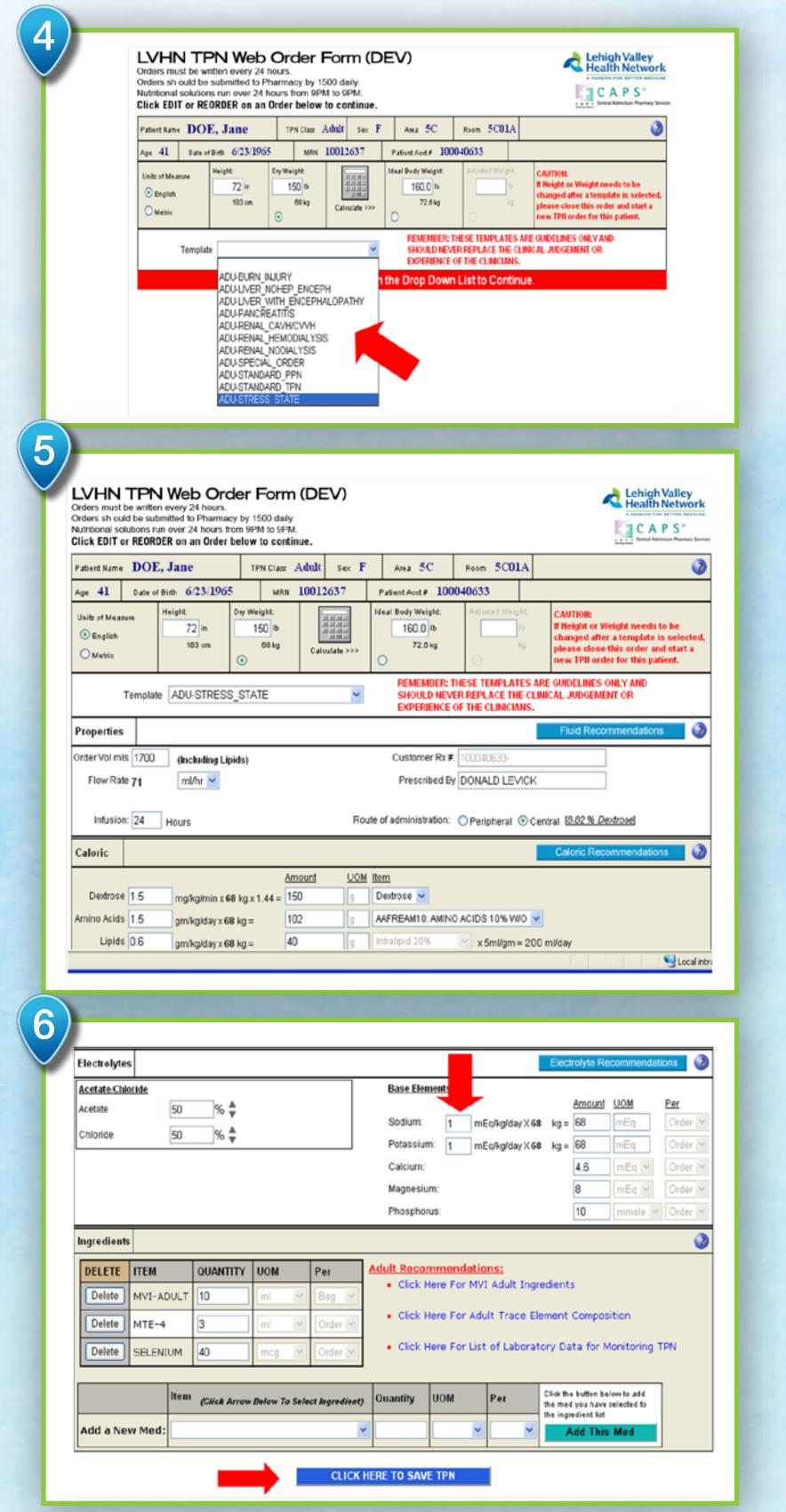
Order-entry privileges were granted to Certified Nutrition Support Dietitians/Clinicians with final approval by the prescriber.

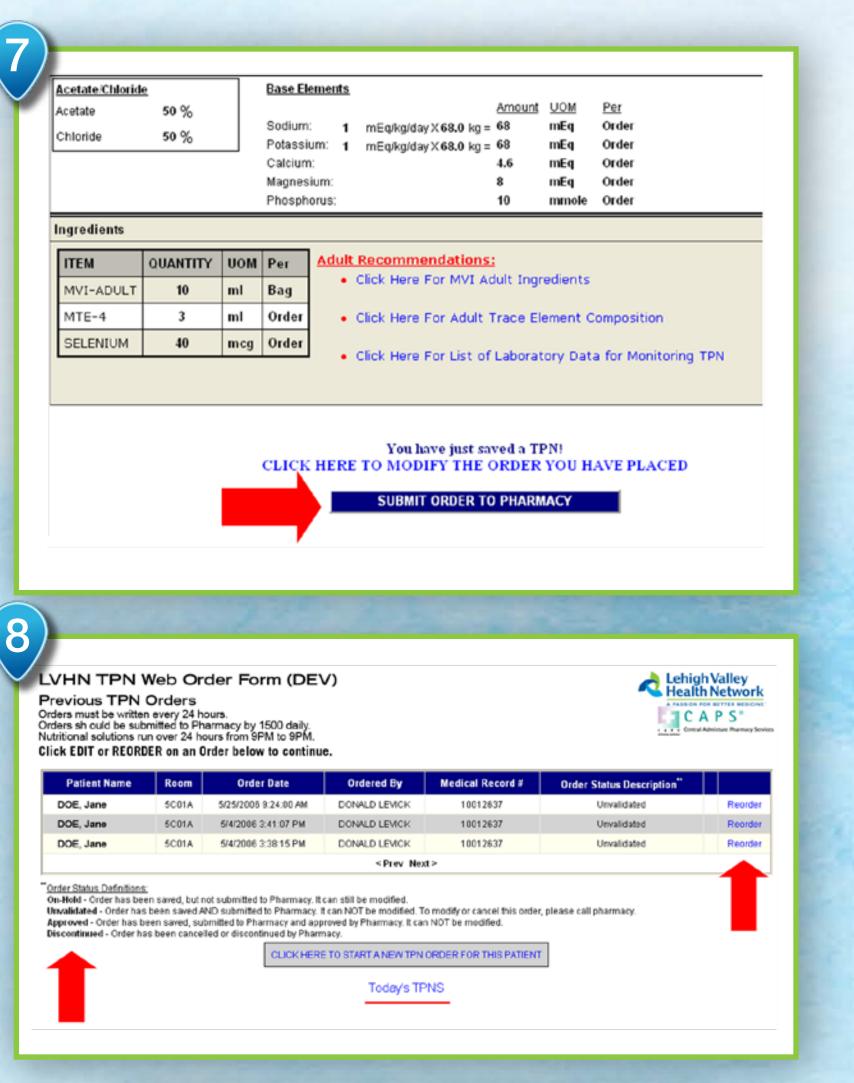
To recognize a process for parenteral nutrition ordering that incorporates the knowledge and expertise of the Certified Nutrition Support Dietitian/Clinician in the initiation and monitoring of safe and effective intravenous nutrition therapy.

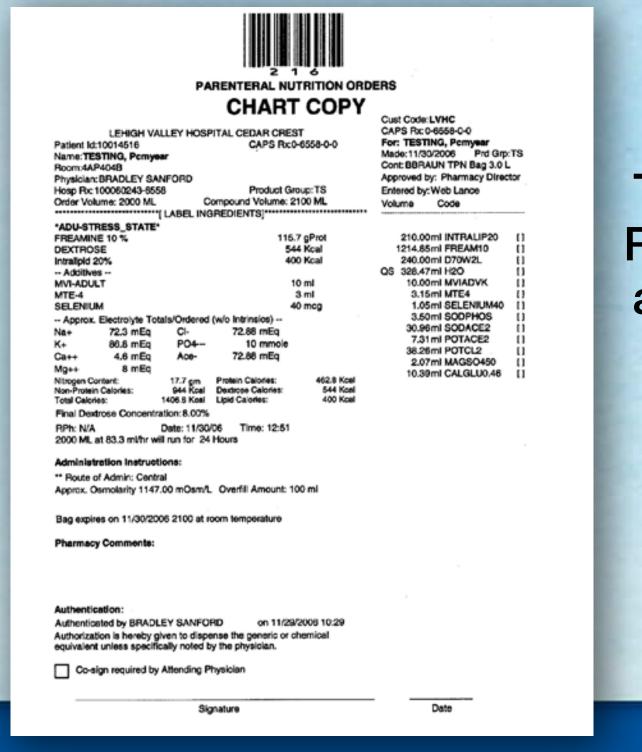
## Integrated System

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.





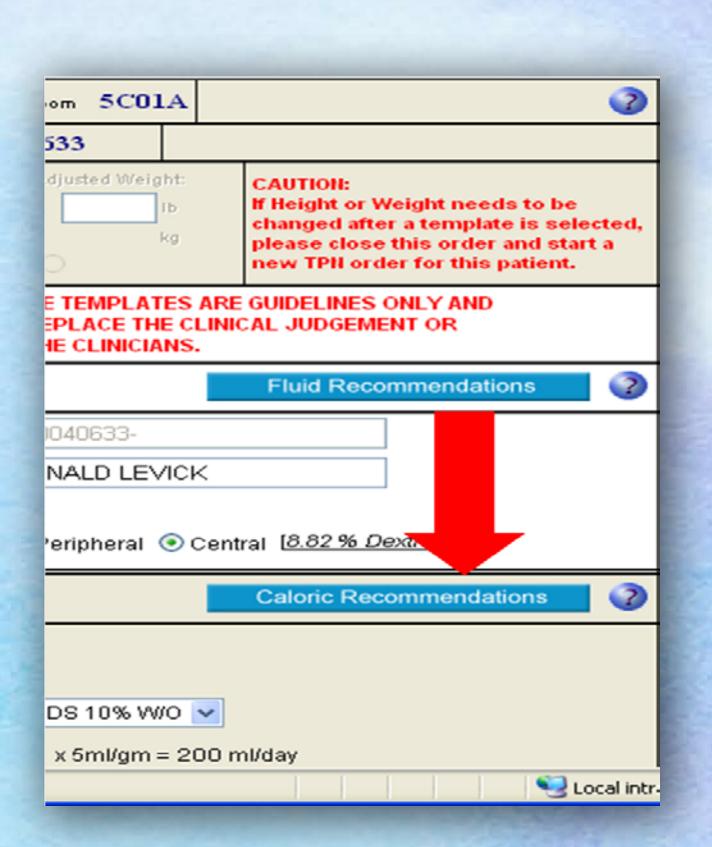




The Medical Record Copy and Product Label

## 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.



 Each PN order section includes age specific evidencebased references (ASPEN)



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