

CENTRAL CALIFORNIA
EMERGENCY MEDICAL SERVICES
A Division of the Fresno County Department of Public Health

Manual	Emergency Medical Services Administrative Policies and Procedures	Policy Number 540.15
Subject	Critical Care Paramedic Treatment Protocols TOTAL PARENTERAL NUTRITION	Page 1 of 1
References	California Code of Regulations Title 22, Division 9, Chapter 4	Effective 06/01/2018

I. PURPOSE

To authorize CCPs to monitor existing intravenous Total Parenteral Nutrition (TPN) infusions during scheduled interfacility transport.

II. POLICY

- A. This procedure shall only be performed by paramedics with CCP (Critical Care Paramedic) training and designation.
- B. **CCPs may not initiate TPN infusions.**

III. PROCEDURE

- A. Patients shall be placed and maintained on cardiac and pulse oximetry monitors during transport.
- B. Signed transfer orders from the transferring physician must be obtained prior to transport. Transfer orders must provide for maintaining the TPN infusion during transport.
- C. If the TPN central line fails to function, the CCP **MAY NOT RESTART** the infusion. TPN may only be delivered through a central line.
- D. The following parameters shall apply to all patients with pre-existing TPN infusions:
 - 1. Infusion rates shall be consistent with Policy 540 Attachment A - CCEMSA CCP Transfer Form
 - 2. TPN concentration will not exceed a 3:1 solution mixture.
 - 3. Infusion rates must remain constant during transport with no regulation of rates being performed by the CCP, except for the discontinuation of the infusion (e.g., as in a case of infiltration).
 - 4. All patients who have insulin as part of the TPN solution shall have documentation of the most recent blood sugar analysis.
 - 5. TPN solution with Lipid emulsion must be infused through special filtered intravenous tubing compatible with the CCP infusion device.
 - 6. Vital signs are to be monitored as indicated in the transfer orders.

Approved By	Daniel J. Lynch (Signature on File at EMS Agency)	Revision
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