



Clinical Information

Patient Identification Tool for Carnitor® (levocarnitine) Injection for Erythropoietin-resistant Anemia (ERA)

Example of initial progress note for ERA:

Patient Chart Progress Notes	
<i>Dialysis Start Date: 03-15-98</i>	
<i>Most recent HCT: 28%, drawn 01-03-03 (285.21)</i>	
<i>Plasma free carnitine: 35 micromol/L, drawn 01-03-03 showing iatrogenic carnitine deficiency (277.83)</i>	
<i>EPO dose 9000 u IV TIW (385u/kg/week)</i>	
<i>Pt. Wt.: 70kg Transferrin Sat: 25%, Ferritin: 350 mg/ml</i>	
<i>Pt. on maintenance IV iron</i>	
<i>Other etiologies for hypo-response to EPO have been reviewed and addressed. Order received to start Carnitor Injection at 20mg/kg (1.4 Gm) TIW at the end of dialysis. Evaluate therapy within 6 months.</i>	
<i>N. Nurse, RN</i>	<i>01-08-03</i>

Example of Documentation for ERA within 6 months of initiation of treatment:

Patient Chart Progress Notes	
<i>6/30/2003</i>	
<i>Pt started on Carnitor Injection therapy at 20 mg/kg (1.4 gm IV TIW) on 1/08/2003 due to EPO-resistant anemia (persistent HCT < 30%) with EPO dose 9000 u IV TIW (385u/kg/week). Patient has demonstrated improvement as evidenced by an increased HCT to levels > 30% with EPO dose of 7500 u IV TIW (321u/kg/week). Current HCT was 32% on 6/28/2003. Order received to continue Carnitor Injection therapy at current dose.</i>	
<i>N. Nurse, RN, CNM</i>	

NOTE: This is intended as a general guide for appropriate documentation. Sigma-Tau Pharmaceuticals has provided this information to the best of its knowledge as a guide to providers. Sigma-Tau does not guarantee reimbursement. Providers assume responsibility for all care provided and claims filed. Additional documentation may be required.

Note: Medicare only recognizes HCT as the acceptable measure for reimbursement purposes at this time.



Patient Identification Tool for Carnitor® (levocarnitine) Injection for Intradialytic Hypotension (IDH)

Example of initial progress note for IDH:

Patient Chart Progress Notes

Dialysis started: 2-20-01

Plasma free carnitine: 16 $\mu\text{mol/L}$ (1-2-03) showing iatrogenic carnitine deficiency (277.83)

In the last 30 days, the pt has had 5 episodes of IDH (12-02-02, 12-16-02, 12-27-02, 01-03-03, 01-06-03).

Interventions included eval of EDW, administration of saline, reduction of UF, & trendelenburg.

These frequent episodes of intradialytic hypotension (458.21) cause him to be unable to achieve EDW as prescribed due to the need for additional saline and reduction of UF.

Pt continues to experience IDH despite interventions. Pt.Wt.: 75kg

Order received to start Carnitor Injection at 20mg/kg (1.5 gm IV TIW) at the end of dialysis.

Reassess patient within 6 months.

N. Nurse, RN 01-10-03

Example of Documentation for IDH within 6 months of initiation of treatment:

Patient Chart Progress Notes

06/30/2003

Pt started on Carnitor Injection therapy at 20 mg/kg (1.5 gm IV TIW) on 1/10/03 due to frequent episodes of IDH (5 episodes in a 30 day period). Pt has demonstrated improvement as evidenced by a reduction in the frequency of IDH (1 episode in past 30 days). Post Tx systolic BP has increased an average of 15mmHg. Order received to continue Carnitor Injection therapy at current dose.

N. Nurse, RN, CNM

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