

**Alpha-1 Antitrypsin Deficiency and Augmentation Therapy  
Prolastin C Liquid  
NURSING CARE PLAN**

<b>Patient:</b>		
<b>Long Term Goal:</b> Patient will maintain health status utilizing self-management skills and compliance with medical care.		
<b>Nursing Diagnosis</b>	<b>Short Term Goal</b>	<b>Interventions</b>
<b>Knowledge Deficit related to Alpha-1 Antitrypsin Deficiency</b>  *See: <i>“A Healthcare Provider’s Guide to Alpha-1 Antitrypsin Deficiency” available at <a href="http://www.alpha1.org">www.alpha1.org</a> and “The Big Fat Reference Guide” available at <a href="http://www.alphanet.org">www.alphanet.org</a></i>	Patient will verbalize understanding of the disease process, diagnosis, management, treatments and resources for Alpha-1 lung disease	Educate patient regarding Alpha-1 lung disease: <ol style="list-style-type: none"> <li>1. Diagnosis</li> <li>2. Pathology</li> <li>3. Alpha-1 Genetics</li> <li>4. Medications: inhalers, antibiotics, steroids</li> <li>5. Oxygen therapy</li> <li>6. Exercise/Rehab.</li> <li>7. Diet and Nutrition</li> <li>8. Life style and psychosocial issues</li> <li>9. Medical/legal issues</li> </ol>
<b>Knowledge Deficit related to Augmentation therapy (Prolastin C Liquid)</b>  *See <i>“Guidelines for Home Intravenous Prolastin C Liquid Infusion”, “Prolastin C Liquid Package Insert”</i>	Patient will verbalize need for augmentation therapy (Prolastin C Liquid) and be able to identify potential side effects.	Educate patient regarding Augmentation therapy with Prolastin C Liquid: <ol style="list-style-type: none"> <li>1. Goal of therapy</li> <li>2. Considered life-long</li> <li>3. Dosing and nuance of assays</li> <li>4. Potential side effects</li> <li>5. Precautions</li> <li>6. Storage and handling</li> <li>7. Supplies needed</li> </ol>
<b>Potential for injury related to Augmentation therapy (Prolastin C Liquid)</b>  *See: <i>“ Guidelines for Prolastin C Liquid Home Mixing and Infusion”,</i>	Patient will safely receive Augmentation therapy with Prolastin C Liquid.	Prepare and administer IV infusion of Prolastin C Liquid utilizing aseptic technique: <ol style="list-style-type: none"> <li>1. Secure IV access</li> <li>2. Check dose and reconstitute drug following approved procedural guidelines</li> <li>3. Administer infusion of Prolastin C Liquid following approved procedural guidelines</li> <li>4. Assess and monitor patient’s cardiopulmonary status, vital signs and</li> </ol>

		<p>response to therapy following approved guidelines</p> <ol style="list-style-type: none"> <li>5. Document assessment, vital signs, total Prolastin C Liquid dose given, lot number, amount of Prolastin C Liquid per vial, expiration date, route and length of infusion, response to therapy</li> <li>6. Notify physician of significant changes in patient's health status</li> <li>7. Report adverse events to Grifols Biotherapeutics 1-800-520-2807</li> </ol>
<p><b>Anxiety/Grieving or ineffective coping related to diagnosis</b></p> <p><i>See:</i>  <i>"The Big Fat Reference Guide"</i>  <i>chapter on Coping" available at</i>  <a href="http://www.alphanet.org">www.alphanet.org</a></p>	<p>Patient and significant others will develop/utilize effective coping behaviors.</p>	<ol style="list-style-type: none"> <li>1. Identify coping skills and support systems</li> <li>2. Allow patient to verbalize feelings</li> <li>3. Assess stressors, assist patient in developing strategies for dealing effectively with them.</li> <li>4. Encourage involvement in local support groups or other community resources</li> <li>5. Refer patient to AlphaNet or Alpha-1 Foundation</li> </ol>