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

<table>
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<th>Patient:</th>
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**Long Term Goal:** Patient will maintain health status utilizing self-management skills and compliance with medical care.

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<tr>
<th>Nursing Diagnosis</th>
<th>Short Term Goal</th>
<th>Interventions</th>
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| Knowledge Deficit related to Alpha-1 Antitrypsin Deficiency | 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:  
1. Diagnosis  
2. Pathology  
3. Alpha-1 Genetics  
4. Medications: inhalers, antibiotics, steroids  
5. Oxygen therapy  
7. Diet and Nutrition  
8. Life style and psychosocial issues  
9. Medical/legal issues |

*See:  
“*A Healthcare Provider’s Guide to Alpha-1 Antitrypsin Deficiency” available at [www.alpha1.org](http://www.alpha1.org) and “The Big Fat Reference Guide” available at [www.alphanet.org](http://www.alphanet.org)*

| Knowledge Deficit related to Augmentation therapy (Prolastin C Liquid) | 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:  
1. Goal of therapy  
2. Considered life-long  
3. Dosing and nuance of assays  
4. Potential side effects  
5. Precautions  
6. Storage and handling  
7. Supplies needed |

*See  
“Guidelines for Home Intravenous Prolastin C Liquid Infusion”,  
“Prolastin C Liquid Package Insert”*

| Potential for injury related to Augmentation therapy (Prolastin C Liquid) | Patient will safely receive Augmentation therapy with Prolastin C Liquid. | Prepare and administer IV infusion of Prolastin C Liquid utilizing aseptic technique:  
1. Secure IV access  
2. Check dose and reconstitute drug following approved procedural guidelines  
3. Administer infusion of Prolastin C Liquid following approved procedural guidelines  
4. Assess and monitor patient’s cardiopulmonary status, vital signs and |
| Anxiety/Grieving or ineffective coping related to diagnosis | Patient and significant others will develop/utilize effective coping behaviors. | response to therapy following approved guidelines  
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  
6. Notify physician of significant changes in patient’s health status  
7. Report adverse events to Grifols Biotherapeutics 1-800-520-2807 | 1. Identify coping skills and support systems  
2. Allow patient to verbalize feelings  
3. Assess stressors, assist patient in developing strategies for dealing effectively with them.  
4. Encourage involvement in local support groups or other community resources  
5. Refer patient to AlphaNet or Alpha-1 Foundation |