

**Alpha-1 Antitrypsin Deficiency and Augmentation Therapy
Zemaira
NURSING CARE PLAN**

Patient:		
Long Term Goal: Patient will maintain health status utilizing self-management skills and compliance with medical care.		
Nursing Diagnosis	Short Term Goal	Interventions
<p>Knowledge Deficit related to Alpha-1 Antitrypsin Deficiency</p> <p>*See: <i>“A Healthcare Provider’s Guide to Alpha-1 Antitrypsin Deficiency” available at www.alpha1.org and “The Big Fat Reference Guide” available at www.alphanet.org</i></p>	<p>Patient will verbalize understanding of the disease process, diagnosis, management, treatments and resources for Alpha-1 lung disease</p>	<p>Educate patient regarding Alpha-1 lung disease:</p> <ol style="list-style-type: none"> 1. Diagnosis 2. Pathology 3. Alpha-1 Genetics 4. Medications: inhalers, antibiotics, steroids 5. Oxygen therapy 6. Exercise/Rehab. 7. Diet and Nutrition 8. Life style and psychosocial issues 9. Medical/legal issues
<p>Knowledge Deficit related to Augmentation therapy (Zemaira)</p> <p>*See <i>Guidelines for Intravenous Zemaira Infusion”, “Zemaira Package Insert”</i></p>	<p>Patient will verbalize need for augmentation therapy (Zemaira) and be able to identify potential side effects.</p>	<p>Educate patient regarding Augmentation therapy with Zemaira:</p> <ol style="list-style-type: none"> 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

<p>Potential for injury related to Augmentation therapy (Zemaira)</p> <p><i>*See: “ Guidelines for Zemaira Home Mixing”</i></p>	<p>Patient will safely receive Augmentation therapy with Zemaira</p>	<p>Prepare and administer IV infusion of Zemaira utilizing aseptic technique:</p> <ol style="list-style-type: none"> 1. Secure IV access 2. Check dose and reconstitute drug following approved procedural guidelines 3. Administer infusion of Zemaira following approved procedural guidelines 4. Assess and monitor patient’s cardiopulmonary status, vital signs and response to therapy following approved guidelines 5. Document assessment, vital signs, total Zemaira dose given, lot number, amount of Zemaira 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 CLS at 866-936-2472.
<p>Anxiety/Grieving or ineffective coping related to diagnosis</p> <p><i>See: “The Big Fat Reference Guide” chapter on Coping” available at www.alphanet.org</i></p>	<p>Patient and significant others will develop/utilize effective coping behaviors.</p>	<ol style="list-style-type: none"> 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 and Alpha-1 Foundation