

## NICU Disease Process Map

D.O.B. <u>01/16/2024</u>	APGAR at birth: 9/9
Gestational Age: 39/3	Adjusted Gestational Age 41/2
Birthweight 6lbs. 8oz./2950 grams	
Current weight 6lbs. 5.2 oz./2870 grams	

Disease Name: Cystic fibrosis

What is happening in the body?

Serious mucous all over the body that clogs and damages the organs.  
Primarily affects skin, respiratory, gastrointestinal, and reproductive system.



What am I going to see during my assessment?

Low oxygen  
Respiratory infection  
Bowel obstruction



What tests and labs will be ordered?

-Family Hx	-Sweat chloride test
-Genetic testing	-Other diagnostic test: CXR, Pulmonary function test, stool analysis
-NBSz	



What trends and findings are expected?

A persistent cough that may be productive  
Wheezing  
Shortness of breath



What medications and nursing interventions/treatments will you anticipate?

- Air way clearance therapies
- Inhaled medications such as bronchodilators
- Abx PRN



How will you know your patient is improving?

There is no cure for CF but a range of treatments can help control the symptoms, prevent or reduce the complications and make it easier to live with.



What are risk factors for the diagnosis?

The greatest risk factor for CF is family history of the disease.



What are the long-term complications?

It can cause malnutrition, thriving to grow, frequent resp. infections, and can lead to chronic lung disease.



What patient teaching for management and/or prevention can the nurse do?

- Discourage close contact with other CF children
- Have the patient on a high calorie, high protein, and high fat diet
- Consume Vit. A, D, E, K and multivitamins
- Laxatives or stool softeners