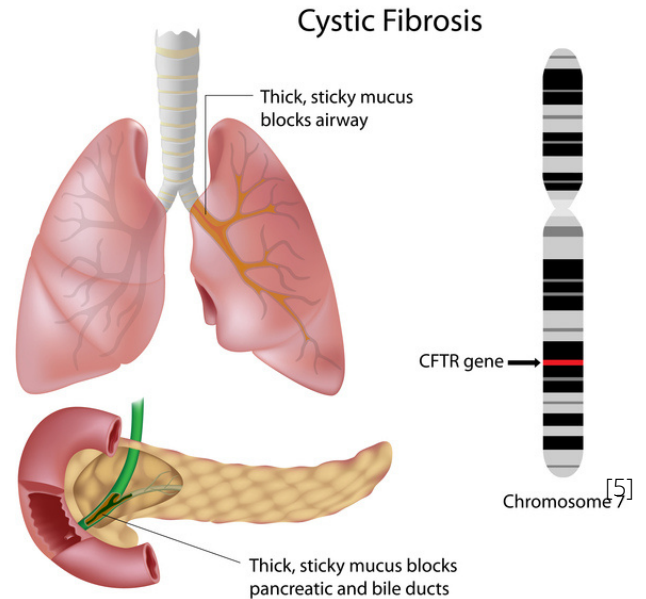


CYSTIC FIBROSIS AND YOU

ABOUT CYSTIC FIBROSIS

- Cystic fibrosis (CF) is a recessive genetic disorder where one copy of the CF gene is inherited from each parent. CF is a mutation in the CF gene on chromosome 7 encoded by a protein called the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). [1]
- A buildup of abnormally thick, sticky mucus that is characteristic of CF can ultimately damage various organs in the body. [6] Clogged airways are often one complication that results in severe breathing problems and bacterial infections in the lungs. [6]
- Most individuals with CF also experience digestive problems, sometimes beginning at birth.



WHAT ARE MODULATORS?

- Modulators are a class of drugs that help with intracellular processing, improve production, and/or function of the defective CFTR protein. [2]

NUTRITIONAL GUIDELINES

- The aim of nutritional guidelines is to address poor nutrition and slow growth often associated with trouble with gaining weight, and abnormal bowel movements. [10]
- Enzyme supplementation may be indicated if pancreatic insufficiency is present. [10]

NUTRITIONAL STATUS

- Lifestyle modification and an individualized plan should be considered. If weight loss is the goal, a low calorie, low fat diet may be introduced. Consider adapting to new lifestyle. [11]



