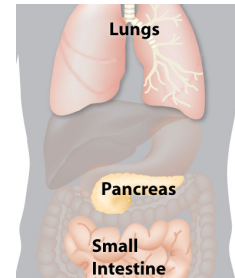
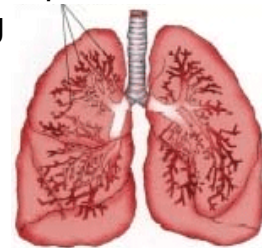


# Cystic Fibrosis Part1

Hi I'm cystic fibrosis, I'm caused by a faulty gene known as CTFR. I live mostly in your lungs but also pancreas, liver, kidneys, and intestine. Some effects I've given my host are difficulty breathing and coughing up mucus, these symptoms often result in frequent lung infections. Other signs of me include sinus infections, clubbing of the fingers and toes and infertility. Infertility can effect man or woman but men with cystic fibrosis have a 97% chance of this symptom.



Frequent lung infections in CTFR patients, result from clogging of the airways due to mucus build up, it could also cause inflammation. Inflammation could cause injury and changes to the lungs. Most inflammation symptoms occur when bacteria allows the thick mucus to grow. Staphylococcus, Haemophilia, and Pseudomonas, are the three most common organisms causing lung infections in CTFR patients.



Doctors can look for me by having you take a sweat test and or a genetic testing. Fortunately for me there is no cure to cystic fibrosis. My host uses long term antibiotics for her lung infections, and also has the option of a lung transplant. My host is expected to live 42-50 years, and has an 80% chance of dying from a lung infection.

"Cystic fibrosis Journal" is a community of people talking about what there doing to deal with with CTFR. The blog users post mostly about current medication to treat the mutation but also about personal experiences. I think it's nice that someone with CTFR can have support from other people like them.

<http://www.cysticfibrosisjournal.com>

This is a YouTube video that shows what cystic fibrosis does when it's in your body, it's shows what it affects and how it affects it. I liked this video because it made me understand how the disease changes your body.

<http://youtu.be/LItSsVJPQEY>

This is an article by University of Maryland medicine centre. This article is easy to follow but gives a very good explanation on what cystic fibrosis is and what you can do to treat it. I thought the website was very educational and helped a lot with my research. <https://umm.edu/health/medical/ency/articles/cystic-fibrosis>

## **Cystic Fibrosis Part2**

- 1) Questions I researched to create my mutation story where; what causes CTFR, what are some symptoms/side effects of CTFR, how can doctors test you for CTFR, what causes lung infections and how can that effect you.
- 2) I used pages, YouTube, Google, and websites/blogs concerning cystic fibrosis.
- 3) I started my process by coming with a list of questions, once I had all the information I needed I starting writing my story. At the very end I looked up blogs, articles, and YouTube videos about CTFR and added three that I thought where interesting.
- 4) To verify my information I checked several websites to make sure all my questions where answered correctly.
- 5) I didn't think this project was to hard, and I enjoyed learning about my mutation, but I wish I could have had more time put toward the story because I think I could have made it more creative.