

GENETIC DISORDER REPORT

Genetic Disorder: Mitochondrial genetic inheritance disorders

Subclass: Cystic fibrosis

----- PATIENT DETAILS -----

patient_age: 20

father_age: 40

mother_age: 40

gender: Female

genes_mother_side: Yes

inherited_father: Yes

maternal_gene: No

paternal_gene: No

blood_cell_count: 5.88888

white_blood_cell_count: 7.55555

respiratory_rate: 20

heart_rate: 72

parental_consent: None

follow_up: None

birth_effects: None

folic_acid_intake: None

blood_test_result: Not

No_of_previous_abortion: None

----- DESCRIPTION -----

Okay, let's break down Cystic Fibrosis (CF) in simple medical terms, keeping in mind it's a *mitochondri

It's vital to correct that initial misunderstanding. Cystic Fibrosis is *not* a mitochondrial disorder. It's

Here's an explanation of Cystic Fibrosis as it is understood, NOT a mitochondrial disorder:

Cystic Fibrosis (CF): Explained Simply

Overview:

Cystic Fibrosis is a genetic disease that primarily affects the lungs and digestive system. It causes the body

Causes:

CF is caused by a defect in a gene called the *CFTR* (Cystic Fibrosis Transmembrane Conductance R

Symptoms:

Symptoms of CF can vary in severity from person to person, but commonly include:

* **Lung Problems:**

- * Persistent cough with thick mucus (sputum)
- * Wheezing and shortness of breath
- * Frequent lung infections (pneumonia, bronchitis)
- * Nasal polyps (growths in the nose)
- * Sinus infections

* **Digestive Problems:**

- * Very salty-tasting skin
- * Diarrhea that might contain fatty or greasy stools