

# Dominant and Recessive Disorders – Project = QUIZ Grade

Due Date: 11/13/2023 @23:59 mailed to

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## REQUIREMENTS:

1. Work with a partner on the Google Drive, make sure to equally contribute to the document (the history will be checked)
2. Create a dialogue between a doctor and a patient who was just diagnosed with the disorder. The doctor must explain what the disorder is and how it is manifested (shown), and what will be the treatment AND the patient wants to know what he/she needs to do to maintain the health.
3. Conduct the research of the disorder you were assigned:
  - a. Identify if it is dominant or recessive and when it is lethal, explain how it is passed on to the next generations (expressed by ratio or percentage)
  - b. Describe/research the symptoms of the disorder
  - c. Describe/research the treatments, therapies, medications if available
  - d. Identify which demographic is mainly affected, male/female/percentage representation in population
  - e. Shortly describe the life expectancy and challenges of survival
4. Present the information via Power Point in three slides (cover does not count):
  - a. Page one – dialogue
  - b. Page two – include any information that is necessary and helpful for your patient
  - c. Page three – include two photos and one graph, diagram, table, etc.
5. Two (minimum) resources are a requirement in MLA format

## Types of Disorders:

- A) Albinism
- B) Cystic fibrosis
- C) Phenylketonuria (PKU)
- D) Sickle-cell anemia
- E) Tay-Sachs disease
- F) Achondroplasia
- G) Huntington disease
- H) Hypercholesterolemia
- I) Polydactyly
- J) Hemophilia
- K) Retinitis Pigmentosa
- L) Down Syndrome

