Human Genetic Disorders Presentation Rubric

Name Disorder Total Points\_\_\_\_\_\_\_\_\_\_/66

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| Presentation Requirements | Possible Points | 3  Complete and Accurate | 2  Somewhat complete and accurate | 1  Inaccurate or incomplete | 0  Did not attempt |
| Title Page   * Student Name * Name of Disorder * Class Hour | 3 | Disorder Name spelled correctly. All elements present. | Missing 1 | Missing 2 |  |
| Disorder Symptoms | 6 | Symptoms are described in detail. | Symptoms are listed. | Few symptoms are listed or descriptions are very lacking. |  |
| Cause   * What happens to the body “physically” to cause the disease? * What type of mutation or chromosomal abnormality causes the disease? | 6 | Accurate and effective explanation for both questions. | Accurate and answers both questions. | 1 element is not discussed or 1 or both are inaccurate. |  |
| Pattern of Inheritance   * Autosomal or sex-linked * Dominant or recessive | 6 | Correctly categorizes the disorder and addresses both bullets with supporting details. | Correctly categorizes the disease but does not provide supporting details. | One bullet is not discussed or is incorrect. | If the disease does not have a known pattern of inheritance, a full explanation must be given to get full credit. |
| Treatment   * Medication * Treatment * Gene therapy | 6 | Explains current treatment, therapy, or medication. If not available, explains current research, progress or obstacles in depth. | Explains medication, treatment, or therapy, but not in depth. | Merely mentions treatment, etc. |  |
| Diagnosis | 3 | Correctly describes how and when individuals with the disorder are diagnosed. Briefly explains any special tests or procedures that are required. | Correctly describes how and when diagnosis occurs. | Diagnosis is vague or hard to understand. |  |
| Statistics   * What groups are likely to have the disorder? * How common is it? | 6 | Up-to-date statistics are provided with APA, in-text citations. Explanation for statistics is included. | Up-to-date statistics are provided with APA, in-text citations. | Some statistics are provided but they may not be up-to-date or cited appropriately |  |
| Life with the disorder and other notable facts.   * Life expectancy * Independent living/everyday life * Reproductive health (Can they have children?) | 6 | Addresses all bullets and give the audience a genuine understanding of what having the disease is like. | Addresses all bullets. | Missing one or two elements. |  |
| Fluency | 6 | Consistent eye contact with little use of notes. Accurate and consistent pronunciation. Confident presentation with necessary pauses only. | Few mistakes or pauses and refers to notes regularly. | Difficulty pronouncing some words. Some awkward pauses. Uses notes for most of the presentation | Does not know topic well, difficulty with pronouncing critical terms, reads presentation word for word. |
| Visual | 6 | Includes 3 graphics. Must include a picture of  \*Gene, chromosome, or karyotype  \*Individual with disease/condition  \*maximum of 5 bullets per slide  \*lists or paraphrased information for each bullet  \*24 pt font or larger | Missing 1 | Missing 2 | Missing 3 |
| Preparedness | 6 | Ready to present when assigned. Presentation is shared with teacher ahead of presentation time. Can answer most questions. Stands when presenting.  Less than 4 minutes. | Missing 1  Less than | Missing 2 | Very unprepared. Did not use class time wisely to accomplish goals.  Presentation is **copied and pasted=zero** on presentation and appropriate discipline will be assigned. |
| Citations | 6 | At least 3 sources.  Citations for pictures and in text.  APA format is used throughout.  Work Cited at the end. | 2 sources or missing APA format. | Missing in text citations. | No citations = zero on presentation. |