|  |  |  |  |
| --- | --- | --- | --- |
| Disease / Syndrome | Inheritance Pattern | Definition & Molecular Mechanism  | Treatments |
| Sickle-Cell Anemia |  |  |  |
| Tay-Sachs Disease |  |  |  |
| PKU |  |  |  |
| Cystic Fibrosis |  |  |  |
| Huntingtons Disease |  |  |  |
| Duchenne Muscular Dystrophy |  |  |  |
| Hemophilia |  |  |  |
| Color Blindness |  |  |  |
| Down Syndrome |  |  |  |
| CRI Du Chat |  |  |  |
| Kleinfelters Syndrome |  |  |  |
| Turner Syndrome |  |  |  |
| Mitochondrial Myopathy |  |  |  |
| Baldness |  |  |  |

Also, know how blood type is inherited (both codominant & Epistatic)

What does it mean if you have type A, B, AB, O blood?

Who can get blood transfusions from whom?

What happens if you get a blood transfusion from the wrong blood type (at the molecular level)