**-(5) PRIMARY IMMUNODEFICIENCY DISORDER:**

**1)DIGEORGE SYNDROME**

**2)CHRONIC GRANULOMATOUS**

**3)COMPLEMENT DEFICIENCIES**

**4)SELECTIVE igA DEFICIENCY**

**5) ATAXIA – TELANGIECTASIA**

1. **DIGEORGE SYNDROME:**

This is a disorder caused by a defect in chromosome 22 it is a chromosomal disorder that results in poor development of several bodily systems

1. **CHRONIC GRANULOMATOUS DISEASE:**

It is an inherited primary disorder which increases the body susceptibility to infections caused by certain fungi and bacteria

1. **COMPLEMENT DEFICIENCIES:**

It is an immunodeficiency of absent or suboptimal functionality of one of the complement system protein because there are redundancies in the immune system

1. **SELECTIVE (igA) DEFICIENCY:**

This is an immune system condition in which a person lacks or don’t have enough immunoglobulin A (ig A) a protein that fight infection (antibodies)

1. **ATAXIA-TELANGIECTASIA :**

It is an an antosomal recessive disorder primarily characterized by cerebellum degeneration (A-T) is often referred to as a genome instability or DNA damage response syndrome

**-(2) SECONDARY IMMUNODEFICIENCY DISORDER:**

1. **AIDS**

**2)LEUKEMIA (cancers of the immune system)**

**1)AIDS:**

 The most well known example of a secondary immunodeficiency is the immunodeficiency caused by the human immunodeficiency virus (H I V) . It attack’s certain cells in the immune system and prevent them from carrying out their proper function against microbes

1. **LEUKEMIA:**

 This is a cancer of the body’s blood forming tissues , including the bone marrow and lymphatic system .