

Primary Immunodeficiencies	
Affected Part of the Immune System	Disorder
Humoral immunity: Problems with B cells (lymphocytes) and their production of antibodies	Common variable immunodeficiency
	Deficiency of a specific antibody (selective immunoglobulin deficiency), such as IgA deficiency
	Transient hypogammaglobulinemia of infancy X-linked agammaglobulinemia
Cellular immunity: Problems with T cells (lymphocytes)	Chronic mucocutaneous candidiasis
	DiGeorge syndrome
	X-linked lymphoproliferative syndrome
Combined humoral and cellular immunity: Problems with B and T cells	Ataxia-telangiectasia
	Hyperimmunoglobulinemia E syndrome
	Severe combined immunodeficiency
	Wiskott-Aldrich syndrome
Phagocytes: Problems with the movement or killing activity of these cells	Chronic granulomatous disease
	Chédiak-Higashi syndrome (rare)
	Cyclic neutropenia Leukocyte adhesion defects
Complement proteins: Deficiency of complement proteins	Complement component 1 (C1) inhibitor deficiency (hereditary angioedema)
	C3, C4, C5, C6, C7, C8, and/or C9 deficiency

Some Of The Drugs That Can Cause Immunodeficiency	
Type of Drug	Examples
Antiseizure drugs	Lamotrigine
	Phenytoin
	Valproate
Chemotherapy drugs	Alemtuzumab
	Busulfan
	Melphalan
	Cyclophosphamide
Corticosteroids	Methylprednisolone
	Prednisone
Immunosuppressants (drugs that suppress the immune system)	Azathioprine
	Cyclosporine
	Mycophenolate mofetil
	Sirolimus
	Tacrolimus
Other drugs such as antibodies that target and suppress specific parts of the immune system	Adalimumab
	Etanercept
	Infliximab
	Muromonab (OKT3)
	Rituximab
	Tocilizumab

Disorders That Can Cause Immunodeficiency	
Type of Disorder	Examples
Blood	Aplastic anemia
	Leukemia
	Multiple myeloma (a cancer)
	Sickle cell disease
Cancer	Many types of cancers
Chromosomal	Down syndrome
Infections	Chickenpox (varicella)
	Cytomegalovirus infections
	Epstein-Barr virus infections
	Human immunodeficiency virus (HIV) infection
	Measles
	Some bacterial infections
Hormonal	Diabetes mellitus
Kidney	Buildup of toxic substances in the blood (uremia)
	Chronic kidney disease
	Nephrotic syndrome
Liver	Hepatitis
	Liver failure
Musculoskeletal	Systemic lupus erythematosus (lupus)
Spleen	Removal of spleen
Other	Alcoholism
	Burns
	Undernutrition