

Diseases Treatable By Stem Cell Transplantation (Hematopoietic Cell Transplant)

Acute Leukemias

Acute Biphenotypic Leukemia
Acute Lymphoblast Leukemia (ALL)
Acute Myelogenous Leukemia (AML)
Acute Undifferentiated Leukemia

Chronic Leukemias

Chronic Lymphocytic Leukemia (CLL)
Chronic Myelogenous Leukemia (CML)
Juvenile Chronic Myelogenous Leukemia (JCML)
Juvenile Myelomonocytic Leukemia (JMML)

Myelodysplastic Syndromes

Amyloidosis
Chronic Myelomonocytic Leukemia (CMML)
Refractory Anemia (RA)
Refractory Anemia with Excess Blasts (RAEB)
Refractory Anemia with Excess Blasts in Transformation (RAEB-T)
Refractory Anemia with Ringed Sideroblasts (RARS)

Stem Cell Disorders

Aplastic Anemia (Severe)
Congenital Cytopenia
Dyskeratosis Congenita
Fanconi Anemia
Paroxysmal Nocturnal Hemoglobinuria (PNH)

Myeloproliferative Disorders

Acute Myelofibrosis
Agnogenic Myeloid Metaplasia (myelofibrosis)
Essential Thrombocythemia
Polycythemia Vera

Lymphoproliferative Disorders

Hodgkin's Disease
Non-Hodgkin's Lymphoma
Prolymphocytic Leukemia

Phagocyte Disorders

Chediak-Higashi Syndrome
Chronic Granulomatous Disease
Neutrophil Actin Deficiency
Reticular Dysgenesis

Liposomal Storage Diseases/ Inherited Metabolic Disorders

Adrenoleukodystrophy
Alpha Mannosidosis
Gaucher's Disease
Hunter's Syndrome (MPS-II)
Hurler's Syndrome (MPS-IH)
Krabbe Disease
Maroteaux-Lamy Syndrome (MPS-VI)
Metachromatic Leukodystrophy
Morquio Syndrome (MPS-IV)
Mucopolidosis II (I-cell Disease)
Mucopolysaccharidoses (MPS)
Niemann-Pick Disease
Sanfilippo Syndrome (MPS-III)
Scheie Syndrome (MPS-IS)
Sly Syndrome, Beta-Glucuronidase Deficiency (MPS-VII)
Wolman Disease

Histiocytic Disorders

Familial Erythrophagocytic Lymphohistiocytosis
Hemophagocytosis
Histiocytosis-X
Langerhans' Cell Histiocytosis

Inherited Erythrocyte Abnormalities

Beta Thalassemia Major
Blackfan-Diamond Anemia
Pure Red Cell Aplasia
Sickle Cell Disease

Congenital (Inherited) Immune System Disorders

Absence of T & B Cells SCID
Absence of T Cells, Normal B Cell SCID
Ataxia-Telangiectasia
Bare Lymphocyte Syndrome
Common Variable Immunodeficiency
DiGeorge Syndrome
Kostmann Syndrome
Leukocyte Adhesion Deficiency
Omenn's Syndrome
Severe Combined Immunodeficiency (SCID)
SCID with Adenosine Deaminase Deficiency
Wiskott-Aldrich Syndrome
X-Linked Lymphoproliferative Disorder

Inherited Platelet Abnormalities

Amegakaryocytosis / Congenital Thrombocytopenia

Other Inherited Disorders

Cartilage-Hair Hypoplasia
Ceroid Lipofuscinosis
Congenital Erythropoietic Porphyria
Glanzmann Thrombasthenia
Lesch-Nyhan Syndrome
Osteopetrosis
Sandhoff Disease
Tay Sachs Disease

Plasma Cell Disorders

Multiple Myeloma
Plasma Cell Leukemia
Waldenstrom's Macroglobulinemia

Other Malignancies

Brain Tumors
Breast Cancer
Ewing Sarcoma
Neuroblastoma
Ovarian Cancer
Renal Cell Carcinoma
Retinoblastoma
Small-Cell Lung Cancer
Testicular Cancer

Autoimmune Diseases

Evan Syndrome

Emerging Stem Cell Applications

Alzheimer's Disease
Cardiac Disease
Diabetes
Liver Disease
Lupus
Multiple Sclerosis
Muscular Dystrophy
Parkinson's Disease
Rheumatoid Arthritis
Spinal Cord Injury
Stroke