

Current Stem Cell Applications

Acute Leukemia's

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

Chronic Leukemia's

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

Myelodysplastic Syndromes

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

Stem Cell Disorders

Aplastic Anemia (Severe)
Fanconi Anemia
Paroxysmal Nocturnal Hemoglobinuria (PNH)
Pure Red Cell Aplasia

Myeloproliferative Disorders

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

Lymphoproliferative Disorders

Non-Hodgkin's Lymphoma
Hodgkin's Disease

Phagocyte Disorders

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

Other Inherited Disorders

Lesch-Nyhan Syndrome
Cartilage-Hair Hypoplasia
Glanzmann Thrombasthenia
Osteopetrosis
Adrenoleukodystrophy

Inherited Platelet Abnormalities

Amegakaryocytosis / Congenital Thrombocytopenia

Inherited Metabolic Disorders

Mucopolysaccharidoses (MPS)
Hurler's Syndrome (MPS-IH)
Scheie Syndrome (MPS-IS)
Hunter's Syndrome (MPS-II)
Sanfilippo Syndrome (MPS-III)
Morquio Syndrome (MPS-IV)

Maroteaux-Lamy Syndrome (MPS-VI)
Sly Syndrome, Beta-Glucuronidase Deficiency (MPS-VII)
Adrenoleukodystrophy
Mucopolipidosis II (I-cell Disease)
Krabbe Disease
Gaucher's Disease
Niemann-Pick Disease
Wolman Disease
Metachromatic Leukodystrophy

Histiocytic Disorders

Familial Erythrophagocytic Lymphohistiocytosis
Histiocytosis-X
Hemophagocytosis

Inherited Erythrocyte Abnormalities

Beta Thalassemia Major
Sickle Cell Disease

Inherited Immune System Disorders

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

Plasma Cell Disorders

Multiple Myeloma
Plasma Cell Leukemia
Waldenstrom's Macroglobulinemia
Amyloidosis

Other Malignancies

Ewing Sarcoma
Neuroblastoma
Renal Cell Carcinoma
Retinoblastoma