

## Disease Treated

Here is a list of diseases treated using cord blood stem cells.

<b>Cancers</b>	<b>Autologous Transplantation</b>	<b>Allogeneic Transplantation</b>
Acute Lymphocytic Leukemia	Yes	Yes
Acute Myelogenous Leukemia	Yes	Yes
Chronic Leukemias	Yes	Yes
Chronic Lymphocytic Leukemia	Yes	Yes
Chronic Myelogenous Leukemia	Yes	Yes
Chronic Myelomonocytic Leukemia	Yes	Yes
Hodgkin's Disease	Yes	Yes
Juvenile Myelomonocytic Leukemia	Yes	Yes
Multiple Myeloma	Yes	Yes
Neuroblastoma	Yes	Yes
Non-Hodgkin's Lymphoma	Yes	Yes
Plasma Cell Leukemia	Yes	Yes
Refractory Anemia	Yes	Yes
Refractory Anemia with Excess Blasts	Yes	Yes
Refractory Anemia with Excess Blasts in Transformation	Yes	Yes
Refractory Anemia with Ringed Sideroblasts	Yes	Yes
<b>Blood Disorders</b>		
Acute Myelofibrosis	Yes	Yes
Agnogenic Myeloid Metaplasia	Yes	Yes
Beta Thalassemia Major	No	Yes
Blackfan-Diamond Anemia	No	Yes
Fanconi Anemia	No	Yes
Paroxysmal Nocturnal Hemoglobinuria	Yes	Yes
Pure Red Cell Aplasia	No	Yes
Severe Aplastic Anemia	Yes	Yes
Sickle Cell Anemia	No	Yes
<b>Immunodeficiencies</b>		
Absence of T & B Cells	No	Yes
Absence of T Cells	No	Yes
Ataxia-Telangiectasia	No	Yes
Bare Lymphocyte Syndrome	No	Yes
Chediak-Higashi Syndrome	No	Yes
Chronic Granulomatous Disease	No	Yes
Common Variable Immunodeficiency	No	Yes
DiGeorge Syndrome	No	Yes
Kostmann Syndrome	No	Yes
Leukocyte Adhesion Deficiency	No	Yes
Neutrophil Actin Deficiency	No	Yes
Omenn Syndrome	No	Yes
Reticular Dysgenesis	No	Yes
Severe Combined Immunodeficiency with Adenosine Deaminase Deficiency	No	Yes
Wiskott-Aldrich Syndrome	No	Yes
X-Linked Lymphoproliferative Disorder	No	Yes
<b>Inherited Disorders</b>		
Amegakaryocytosis / Congenital Thrombocytopenia	No	Yes
Glanzmann Thrombasthenia	No	Yes

In addition to these diseases and disorders, there are also a number of conditions that scientists are investigating in clinical trials to determine just how effective cord blood stem cells are. While in almost every case, stem cells have shown to positively affect the condition in some way, the use of stem cells is currently not a standard treatment method for these diseases and disorders.

<b>Disease</b>	<b>Autologous Transplantation</b>	<b>Allogenic Transplantation</b>
Adrenoleukodystrophy	No	Yes
Breast Cancer	Yes	Yes
Cartilage-Hair Hypoplasia	No	Yes
Ewing Sarcoma	Yes	Yes
Familial Erythrophagocytic Lymphohistiocytosis	No	Yes
Hemophagocytosis	No	Yes
Gaucher's Disease	No	Yes
Hunter's Syndrome	No	Yes
Hurler's Syndrome	No	Yes
Krabbe Disease	No	Yes
Langerhans' Cell Histiocytosis	No	Yes
Lesch-Nyhan Syndrome	No	Yes
Maroteaux-Lamy Syndrome	No	Yes
Metachromatic Leukodystrophy	No	Yes
Morquio Syndrome	No	Yes
Mucopolidosis II	No	Yes
Mucopolysaccharidoses	No	Yes
Multiple Sclerosis	Yes	Yes
Nomann-Pick Disease	No	Yes
Osteopetrosis	No	Yes
Renal Cell Carcinoma	Yes	Yes
Sanfilippo Syndrome	No	Yes
Scheie Syndrome	No	Yes
Sly Syndrome, Beta-Glucuronidase Deficiency	No	Yes
Tay Sachs Disease	No	Yes
Wolman Disease	No	Yes

Scientists are still examining cord blood stem cells and perfecting how to use these stem cells in treatment. It is hoped and expected that, in the future, cord blood stem cells will be used to treat many other disorders, including Alzheimer's disease, diabetes, heart disease, liver disease, muscular dystrophy, Parkinson's disease, spinal cord injury and stroke.

Source: [http://www.womens-health.co.uk/diseases\\_treated.html](http://www.womens-health.co.uk/diseases_treated.html)