



Lifesaving Applications of Cord Blood

Parents are storing their children's cord blood for today's benefit and tomorrow's potential. Cord blood cells are being used to treat a variety of life-threatening diseases using today's science, and they hold the promise of expanded applications through ongoing stem cell research.

Today's Therapies

Diseases that are currently being treated using stem cells.

Inherited Erythrocyte Abnormalities (Red Cell)

- Beta Thalassemia Major ("Cooley's Anemia")
- Sickle Cell Disease

Inherited Immune System Disorders

- SCID with Adenosine Deaminase Deficiency (ADA-SCID)
- Common Variable Immunodeficiency
- Lymphoproliferative Disorders (LPD)
- Lymphoproliferative Disorder, X-linked (also known as Epstein-Barr Virus Susceptibility)
- Wiskott-Aldrich Syndrome

Inherited Platelet Abnormalities Leukemias

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

Lymphoproliferative Disorders

- Hodgkin's Lymphoma
- Non-Hodgkin's Lymphoma

Myeloproliferative Disorders

Myelodysplastic Syndromes

Non-blood Cancers

Phagocyte Disorders

Plasma Cell Disorders

Stem Cell Disorders

- Severe Aplastic Anemia

Future Promise

Current stem cell research areas.

- Alzheimer's Disease
- Amyotrophic Lateral Sclerosis (ALS; "Lou Gehrig's disease")
- Arthritis, Juvenile and Rheumatoid
- Crohn's Disease
- Diabetes, Type I
- Gaucher Disease
- Heart disease
- Hunter's Syndrome (MPS-II)
- Huntington's Disease
- Hurler's Syndrome (MPS-IH)
- Metabolic Disorders (Leukodystrophy Diseases, Storage Disorders, etc.)
- Multiple Sclerosis (MS)
- Muscular dystrophy
- Organ repair – kidney, liver, heart, etc
- Osteopetrosis
- Parkinson's Disease
- Renal cell carcinoma
- Tay-Sachs Disease
- Scleroderma
- Severe Combined Immunodeficiency (SCID)
- Spinal cord injury
- Stroke recovery
- Systemic Lupus Erythematosus

We at DomaniCell believe that to use cells stored today in many of tomorrow's cell therapies, the cells will have to have been stored in compliance with FDA's cGMP standards. DomaniCell is one of the few cord blood banks now offering cGMP cord blood banking.

Why risk limiting the potential use of your baby's cord blood stem cells even before they are stored?
