ViaCord
From Revvity

Cord blood continues to be a valuable resource for ViaCord families.

625+
VIACORD FAMILIES

More than 625 ViaCord families have used their banked cord blood in a stem cell transplant or regenerative medicine clinical trial for the child it was collected from or a sibling.

Rosalia Used Her Sister's Cord Blood
Condition: Pediatric Cancer

48% Stem Cell Transplant
of the 625+ ViaCord Families

- Hemoglobinopathy 49%
- Oncology 24%
- Bone Marrow Failure 18%
- Immunodeficiency 7%
- Metabolic Disorder 2%

52% Regenerative Medicine
of the 625+ ViaCord Families

- Brain Injury/ Dysfunction 97.5%
- Auto Immune 1.8%
- Other 0.7%

56% Used By Sibling
of the 625+ ViaCord families

44% Used By Child
of the 625+ ViaCord families

Age range of cord blood used by ViaCord families

Cord blood stored with ViaCord for as little as 7 days and up to 19 years has been successfully released for use.

7 Days In Storage	Sibling / Transplant / Cancer (AML)
19 Years In Storage	Sibling / Infusion / Cerebral Palsy

A study in *Stem Cell Translational Medicine* showed cord blood stem cells cryopreserved for 29 years retained high viability and functional integrity, supporting the stability and long-term preservation potential of banked cord blood. [1]

Scan to watch some ViaCord families share their experience using their banked cord blood.

Questions? Call ViaCord at 866-258-5173 or visit viacord.com to learn more.

viacord.com FDA REGISTERED AABB Accredited CLIA

See back to see cord blood use details.

Banking cord blood does not guarantee that treatment will work and only a doctor can determine when it can be used. Cord blood use depends on multiple factors, including the patient's age, medical condition, and availability of an adequately compatible stem cell donor, when applicable. Final determination is made by the treating physician.

Proven Cord Blood Uses: Stem Cell Transplants

Cord blood has been a reliable, effective, and life-saving source of stem cells in transplants for more than 30 years.

Today, cord blood stem cells can be used in transplants for over 80 conditions. Most conditions are inherited genetic diseases, so a child usually needs stem cells from a sibling or another donor (*allogenic stem cell use*). In some cases, a child's own cord blood stem cells can be used (*autologous stem cell use*). Doctors usually start by looking for a genetically matched family member as the source of stem cells for transplant. Final determination of stem cell use is made by the treating physician.

✳ **Next to a condition indicates the child's own cord blood as the preferred source of stem cells if a transplant is needed (autologous stem cell use.**

Blood Disorders

- E-β+ thalassemia
- E-βo thalassemia
- HbSC disease
- Sickle βo Thalassemia
- Sickle-cell anemia (hemoglobin SS)
- α-thalassemia major (hydrops fetalis)
- β-thalassemia intermedia
- β-thalassemia major (Cooley's anemia)

Cancers

- Acute lymphoblastic leukemia (ALL)
- Acute myeloid leukemia (AML)
- Biphenotypic Leukemia
- ✳ Burkitt's lymphoma
- Chronic myeloid leukemia (CML)
- Chronic myelomonocytic leukemia (CMML)
- ✳ Hodgkin's lymphoma
- Juvenile myelomonocytic leukemia (JMML)
- Lymphomatoid granulomatosis
- Mixed Lineage Leukemia
- Myelodysplastic syndrome (MDS)
- Myelofibrosis
- ✳ Neuroblastoma
- ✳ Non-Burkitt's lymphoma
- ✳ Non-Hodgkin's lymphoma
- ✳ Pediatric Primary CNS Lymphomas
- ✳ Wilm's Tumor

Bone Marrow Failure Syndromes

- Amegakaryocytic thrombocytopenia
- Autoimmune neutropenia (severe)
- Congenital dyserythropoietic anemia
- Congenital sideroblastic anemia
- Diamond-Blackfan anemia
- Dyskeratosis congenita
- Evan's syndrome
- Fanconi anemia
- Glanzmann's disease
- Kostmann's syndrome (severe congenital neutropenia)
- Severe aplastic anemia
- Shwachman syndrome
- Thrombocytopenia with absent radius (TAR syndrome)

Other Conditions

- Epidermolysis bullosa
- Hemophagocytic lymphohistiocytosis
- Juvenile dermatomyositis
- Langerhans cell histiocytosis
- Osteopetrosis
- Severe Refractory Juvenile Rheumatoid Arthritis

Immunodeficiencies

- Activated PI3K Delta Syndrome (APDS)
- Adenosine deaminase deficiency
- ALPS
- Ataxia telangiectasia
- CD25 deficiency
- Chronic granulomatous disease
- Complete IFN-γ Receptor 2 Deficiency
- DADA2 (ADA2 Deficiency)
- DiGeorge syndrome
- Hyper IgM Syndrome
- IPEX syndrome
- IKK gamma deficiency
- Immune dysregulation polyendocrineopathy
- Leukocyte adhesion deficiency
- LRBA deficiency
- Myelokathexis X-linked immunodeficiency
- Omenn's syndrome
- Reticular dysplasia
- Severe combined immunodeficiency (SCID)
- STAT1/STAT3 Gain-of-Function
- Thymic dysplasia
- Wiskott-Aldrich syndrome
- X-linked agammaglobulinemia
- X-linked lymphoproliferative disease
- X-linked Mucolipidosis, Type II

Metabolic Disorders

- Adrenoleukodystrophy Gaucher's disease (infantile)
- Alpha mannosidosis
- Beta-mannosidase deficiency (LSD)
- Fucosidosis
- Gaucher's disease (infantile)
- Gunther disease (congenital erythropoietic porphyria)
- Hermansky-Pudlak syndrome
- Hunter syndrome
- Hurler syndrome
- Krabbe disease (globoid cell leukodystrophy)
- Lesch-Nyhan disease
- Maroteaux-Lamy syndrome
- Metachromatic leukodystrophy
- Mucolipidosis Type II, III
- Niemann Pick Syndrome, type A and B
- Pyruvate Kinase Deficiency
- Sandhoff Syndrome
- Sanfilippo syndrome
- Sly syndrome
- Tay-Sachs Disease
- Wolman Syndrome

Clinical Trials & Research: Regenerative Medicine

Regenerative medicine uses living cells to help support the body's natural healing processes.

While genetic matching is an important factor in stem cell transplants, the need for strict matching in regenerative medicine may be reduced, because the cells are often intended to play a supportive role — such as releasing signals that promote healing — rather than permanently engrafting in the body. [2]

Hundreds of ViaCord families have had the opportunity to participate in regenerative medicine clinical trials, where a child received an infusion of their own cord blood (autologous use) or cord blood from a sibling (allogeneic use). The specific use of stem cells is determined by each clinical trial protocol.

Examples of areas explored:

- Brain Injuries
- Cerebral Palsy
- Cardiac
- Hearing Loss

visit www.clinicaltrials.gov for details

While the regenerative medicine field is exciting and continues to advance, cord blood is still in research phase and are not yet standard medical treatments.

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Disclaimer: Banking cord blood does not guarantee that treatment will work, and only a doctor can determine when it can be used. This is intended for educational purposes only and should not be used or interpreted as information on treatments or diagnoses. ViaCord Cord Blood Uses: Data On File as of 4/1/2026. References: 1. Liedtke S, Többen S, Gressmann H, Meyer A, Verde PE, Gluckman E, Kogler G. Long-Term Stability of Cord Blood Units After 29 Years of Cryopreservation: Follow-Up Data From the José Carreras Cord Blood Bank. Stem Cells Transl Med. 2024 Jan 12;13(1):30-42. doi: 10.1093/stcltm/szad071. PMID: 37936262; PMCID: PMC10785215. 2. Obeagu EI. Umbilical cord blood: a comprehensive review of protective and restorative properties in clinical applications - a narrative review. Ann Med Surg (Lond). 2025 Aug 29;87(10):6618-6625. doi: 10.1097/MS9.0000000000003823. PMID: 41181451; PMCID: PMC12577836. Diseases Treated by Cord Blood Transplant; Parent's Guide to Cord Blood https://parentsguidecordblood.org/en/diseases. Clinical trial details can be found at ClinicalTrials.gov www.clinicaltrials.gov. Visit viacord.com for a complete list of references.