

# Cord Blood Releases

## Transplants & Regenerative Medicine

As a group, we have extensive experience releasing cord blood stems cells for transplants and regenerative medicine in children and adults. We have released over 75 cord blood units with a 100% successful release rate, all cord blood units released have been accepted for transfusion into the patients, validating our processing, storage and shipping methods.

## Information for Healthcare Professionals



**Inception Lifebank**



## Cord Blood Units Released For Transplantation

Umbilical cord blood has an important and growing role in the treatment of cancers (leukemias, lymphomas, multiple myeloma), blood disorders (thalassemias, sickle cell anemia, Fanconi anemia), immune deficiencies and other life-threatening diseases.

Over **40,000** cord blood transplants worldwide<sup>1</sup>

CONDITION	RECIPIENT (GENDER / AGE)	DONOR	CORD BLOOD COLLECTION SITE	CORD BLOOD TRANSPLANT SITE	YEAR
Acute Lymphoblastic Leukemia	Male - 5 years	Sibling	Women's & Children's Hospital, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2016
Acute Lymphoblastic Leukemia	Female - 4 years	Sibling	Credit Valley Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2013
Acute Lymphoblastic Leukemia	Male - 5 years	Sibling	Joseph Brant Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2005
Acute Lymphoblastic Leukemia	Male - 10 years	Sibling	Markham Stouffville Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2012
Acute Lymphoblastic Leukemia	Female - 5 years	Sibling	London Health Science, ON, CAN	Hospital for Sick Children, ON, CAN	2017
Acute Myeloid Leukemia	Male - 1 year	Self	Sydney Adventist Hospital, NSW, AUS	Children's Hospital Westmead, NSW, AUS	2010
Acute Myeloid Leukemia	Male - 1.5 years	Sibling	Hospital Montfort, ON, CAN	Hospital for Sick Children, ON, CAN	2010
Acute Myeloid Leukemia	Female - 4 years	Sibling	Trillium Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2010
Acute Myeloid Leukemia	Male - 6 years	Sibling	Credit Valley Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2007
Acute Myeloid Leukemia	Female - 2 years	Sibling	Credit Valley Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2008
Alpha Thalassemia Major	Male - 5 years	Sibling	McMaster Health Centre, ON, CAN	Hospital for Sick Children, ON, CAN	2013
Beta Thalassemia	Male - 13 years	Sibling	Scarborough General, ON, CAN	Hospital for Sick Children, ON, CAN	2010
Beta Thalassemia	Female - 13 years	Sibling	Toronto East General, ON, CAN	Hospital for Sick Children, ON, CAN	2006
Beta Thalassemia	Male - 3 years	Sibling	Toronto General, ON, CAN	Hospital for Sick Children, ON, CAN	1997
Beta Thalassemia	Female - 11 years	Sibling	St. Joseph's Health Centre, ON, CAN	Hospital for Sick Children, ON, CAN	2018
Chronic Granulomatous Disease	Male - 13 years	Sibling	Rouge Valley Centennial, ON, CAN	Hospital for Sick Children, ON, CAN	2010
Chronic Granulomatous Disease	Male - 4 years	Sibling	Liverpool Public Hospital, NSW, AUS	Children's Hospital Westmead, NSW, AUS	2017
Embryonal Supratentorial Tumor	Female - 2 years	Self	Credit Valley Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2006
Fanconi Anemia	Male - 9 years	Sibling	St. Joseph's Health Centre, ON, CAN	Hospital for Sick Children, ON, CAN	2004
Leukemia	Female - 5 years	Sibling	Ottawa Civic, ON, CAN	Hospital for Sick Children, ON, CAN	2003
Leukemia	Male - 2 years	Sibling	St. Joseph's Health Centre, ON, CAN	Hospital for Sick Children, ON, CAN	2001
Medulloblastoma	Male - 4 years	Self	Markham Stouffville Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2011
Myeloid Dysplasia	Male - 21 years	Sibling	Jewish General, QC, CAN	Maisonneuve Rosemont, QC, CAN	2017
Myeloid Dysplasia	Male - 2.5 years	Sibling	Greater Niagara General, ON, CAN	Hospital for Sick Children, ON, CAN	2006
Neuroblastoma	Male - 4 years	Self	Northern Hospital, VIC, AUS	Royal Melbourne Hospital, VIC, AUS	2009
Retinoblastoma	Male - 1 year	Self	Mount Sinai Hospital, ON, CAN	Hospital for Sick Children, ON, CAN	2008
Retinoblastoma	Male - 9 months	Self	Headwaters Healthcare Centre, ON, CAN	Hospital for Sick Children, ON, CAN	2001
Severe Congenital Neutropenia	Female - 5 years	Sibling	Sydney South West Private, NSW, AUS	Children's Hospital Westmead, NSW, AUS	2017
Thalassaemia Major	Female - 9 years	Sibling	Joan Kirner Womens & Childrens, VIC, AUS	Royal Childrens Hospital, VIC, AUS	2018
X-Linked Hyper IgM Syndrome	Male - 6 years	Sibling	Mercy Hospital, VIC, AUS	Royal Childrens Hospital, VIC, AUS	2019

## Releases by Company - Legend



Inception Lifebank



<sup>1</sup> Update on umbilical cord blood transplantation, Ballen K, (2017) <https://www.ncbi.nlm.nih.gov/pubmed/28928957>

## Cord Blood Units Released For Regenerative Medicine

Regenerative medicine is the science of living cells being used to potentially regenerate or facilitate the repair of cells damaged by disease, genetics and injury. Research and clinical trials are underway with the hope that cord blood stem cells may prove beneficial to patients facing medical conditions such as autism, cerebral palsy and type 1 diabetes.

50% of our releases now used for regenerative medicine<sup>2</sup>

CONDITION	RECIPIENT (GENDER / AGE)	DONOR	CORD BLOOD COLLECTION SITE	CORD BLOOD TRANSPLANT SITE	YEAR
Autism	Male - 6 years	Self	Miramichi General Hospital, NB, CAN	Duke University Medical Center, NC, USA	2018
Autism	Male - 5 years	Sibling	St. Paul's Hospital, Vancouver BC	Duke University Medical Center, NC, USA	2018
Autism	Male - 9 years	Self	Markham Stouffville Hospital, ON, CAN	Duke University Medical Center, NC, USA	2019
Autism	Female - 4 years	Self	Trillium Hospital, ON, CAN	Duke University Medical Center, NC, USA	2018
Autism	Male - 2 years	Self	Markham Stouffville Hospital, ON, CAN	Duke University Medical Center, NC, USA	2018
Autism	Male - 2 years	Self	Rouge Valley Centennial, ON, CAN	Duke University Medical Center, NC, USA	2018
Autism	Male - 5 years	Self	Mount Sinai Hospital, ON, CAN	Duke University Medical Center, NC, USA	2018
Autism	Male - 3 years	Self	Scarborough Grace Hospital, ON, CAN	Duke University Medical Center, NC, USA	2018
Brain Injury	Male - 9 years	Self	Rockyview General, AB, CAN	Duke University Medical Center, NC, USA	2014
Brain Injury	Male - 11 years	Self	Langley Memorial, BC, CAN	Duke University Medical Center, NC, USA	2012
Cerebral Palsy	Female - 2 years	Sibling	King Edward Memorial, WA, AUS	Royal Melbourne Hospital, VIC, AUS	2016
Cerebral Palsy	Male - 7 years	Sibling	John Hunter, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2017
Cerebral Palsy	Male - 5 years	Sibling	Mater Hyde Park, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2017
Cerebral Palsy	Male - 6 years	Sibling	Northern Hospital, VIC, AUS	Royal Melbourne Hospital, VIC, AUS	2017
Cerebral Palsy	Male - 2 years	Sibling	St George Public, NSW, AUS	Bundang Medical Centre, Korea	2017
Cerebral Palsy	Female - 1.5 years	Self	Freemasons, VIC, AUS	Duke University Medical Center, NC, USA	2017
Cerebral Palsy	Male - 4.5 years	Sibling	Gladstone Hospital, QLD, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Female - 6 years	Sibling	King Edward Memorial, WA, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Male - 6 years	Sibling	John Hunter, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Male - 8 years	Sibling	Monash Medical Centre, VIC, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Male - 12 years	Sibling	Monash Medical Centre, VIC, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Male - 4 years	Sibling	St John of God, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2018
Cerebral Palsy	Female - 4 years	Sibling	Sydney Adventist Hospital, NSW, AUS	Royal Melbourne Hospital, VIC, AUS	2019
Cerebral Palsy	Female - 6 years	Sibling	Royal Womens Hospital, VIC, AUS	Duke University Medical Center, NC, USA	2019
Cerebral Palsy	Female - 4 years	Sibling	Mount Sinai Hospital, ON, CAN	Duke University Medical Center, NC, USA	2019
Cerebral Palsy	Male - 7 years	Self	Prince George Regional Hospital, BC, CAN	Duke University Medical Center, NC, USA	2016
Cerebral Palsy	Male - 1.5 years	Sibling	Royal University Hospital, SK, CAN	Duke University Medical Center, NC, USA	2016
Cerebral Palsy	Male - 5 years	Self	BC Women's Hospital, BC, CAN	Duke University Medical Center, NC, USA	2016
Cerebral Palsy	Male - 1 year	Self	Scarborough General, ON, CAN	Duke University Medical Center, NC, USA	2012
Cerebral Palsy	Female - 2.5 years	Self	St. Joseph's Health Centre, ON, CAN	Duke University Medical Center, NC, USA	2010
Cerebral Palsy	Female - 10 months	Self	Foothills Medical Centre, AB, CAN	Duke University Medical Center, NC, USA	2009
Cerebral Palsy	Male - 1 year	Self	Mount Sinai Hospital, ON, CAN	Duke University Medical Center, NC, USA	2007
Cerebral Palsy	Male - 2.5 years	Self	Windsor Regional, ON, CAN	Duke University Medical Center, NC, USA	2007
Cerebral Palsy	Female - 6 years	Self	Jewish General, QC, CAN	Maisonneuve Rosemont, QC, CAN	2017
Cerebral Palsy	Male - 2 years	Self	Markham Stouffville Hospital, ON, CAN	Duke University Medical Center, NC, USA	2015
Global Developmental Delay	Female - 3 years	Self	St John of God, NSW, AUS	Duke University Medical Center, NC, USA	2010
Type 1 Diabetes	Female - 1 year	Self	St George Public, NSW, AUS	Children's Hospital Westmead, NSW, AUS	2016
Type 1 Diabetes	Female - 4 years	Self	Home Birth, WA, AUS	Children's Hospital Westmead, NSW, AUS	2015
Type 1 Diabetes	Female - 12 years	Self	Calvary Adelaide, SA, AUS	Childrens Hospital Westmead, NSW, AUS	2017
Type 1 Diabetes	Female - 5 years	Self	Flinders Private Adelaide, SA, AUS	Childrens Hospital Westmead, NSW, AUS	2017
Type 1 Diabetes	Female - 2 years	Self	St George Private, NSW, AUS	Childrens Hospital Westmead, NSW, AUS	2017
Type 1 Diabetes	Male - 9 years	Self	Glengarry Private hospital, WA, AUS	Childrens Hospital Westmead, NSW, AUS	2017
Type 1 Diabetes	Male - 8 years	Self	Joseph Brant, ON, CAN	Shands Hospital, FL, USA	2009
Type 1 Diabetes	Male - 11 years	Self	Women's College, ON, CAN	Shands Hospital, FL, USA	2009
Type 1 Diabetes	Male - 11 years	Self	Oakville Trafalgar, ON, CAN	Shands Hospital, FL, USA	2009
Type 1 Diabetes	Female - 6 years	Self	McMaster Health Centre, ON, CAN	Shands Hospital, FL, USA	2008
Type 1 Diabetes	Male - 3 years	Self	Regina General, SK, CAN	Shands Hospital, FL, USA	2008
Type 1 Diabetes	Male - 9 years	Self	Women's College, ON, CAN	Shands Hospital, FL, USA	2007


<sup>2</sup> Ballen, K.K. et al. Umbilical cord blood donation: public or private? Bone Marrow Transplantation (2015) 1-8

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