

# ***Cord Blood Awareness Month***



**Cord Blood Saves Lives.**

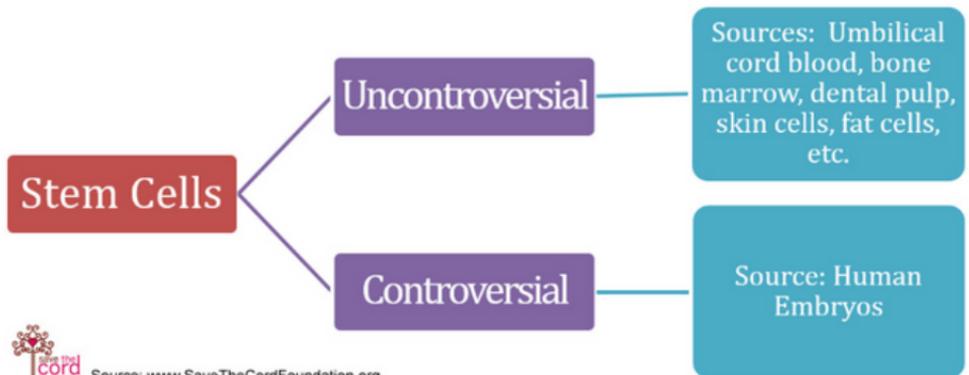
Cord blood is the rich life-saving blood left in the umbilical cord and placenta.



*July 2018*

# Get the facts. Cord blood facts.

- Cord blood is a rich, natural, and controversial-free source of life-saving stem cells with no political or religious issues.
- The collection of the cord blood doesn't harm the mother or baby and birthing process.
- It is collected post-birth, which avoids unethical issues.
- Umbilical cord blood is currently used to treat over 80 life-threatening illnesses including cancer, immune deficiencies, and genetic disorders.





## Diseases Treated with Cord Blood.

- *Malignancies*

Leukemia, Acute myeloid leukemia (AML), Lymphoma, Multiple Myeloma, Hodgkin's disease, Retinoblastoma, Solid tumors

- *Blood Disorders*

Sickle cell anemia, Thalassemia Aplastic anemia, Fanconi anemia, Diamond-Blackfan anemia, Amegakaryocytosis Histiocytosis

- *Immunodeficiencies*

Severe combined immunodeficiency (SCID), Purine nucleoside phosphorylase deficiency, Reticular dysgenesis, Wiskott-Aldrich syndrome, DiGeorge syndrome, Kostmann syndrome, Omenn syndrome

- *Metabolic Disorders*

Adrenoleukodystrophy, Krabbe disease, Hunter syndrome, Hurler syndrome, Sanfilippo syndrome, Scheie syndrome, Sly syndrome, Lesch-Nyhan syndrome





## Questions.

- *Does the procedure hurt the mother or child?*

No. Cord blood is collected after the birth of the child and the umbilical cord is cut out.

- *What's the difference between private cord blood banking and public banking/donation?*

Private cord blood banking requires a fee for storage to be used for his/her own future use whereas public cord banking is made available for the public to use on transplant or research.





## Questions.

- *Are cord blood stem cells different from other types of stem cells?*

Cord blood stem cells are the youngest form of stem cells and are easily adapted. Donor and recipient don't need to have a perfect match. Bone marrow is the most common, but collection is painful.

- *Why don't more people donate cord blood?*

Unfortunately, it is not a standard of care and women are unaware of their rights. In the U.S., 97% of women don't donate or bank their child's cord blood and it is discarded as medical waste.





# Resources.

<http://www.nationalcodbloodprogram.org/index.html>

<http://www.nationalcodbloodprogram.org/index.html>

<https://americanhealthcouncil.org/cord-blood-awareness-month/>

