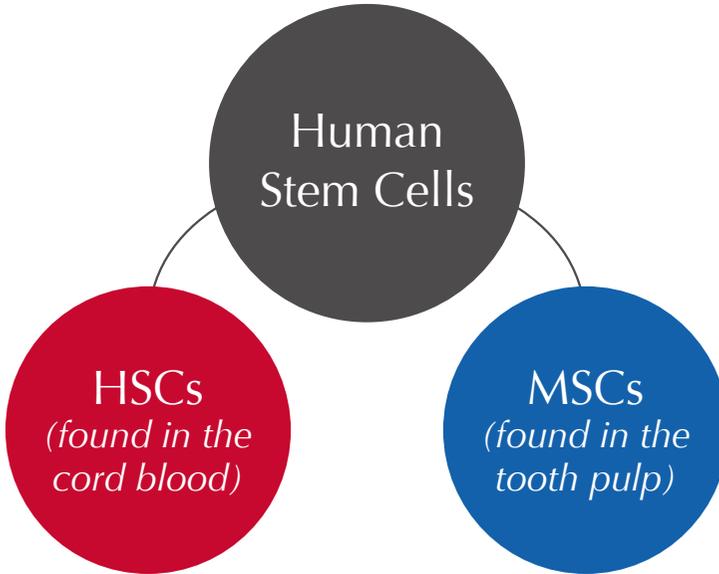




ToothMSCs | Tooth Pulp Tissue
Mesenchymal Stem Cells



HUMAN STEM CELLS



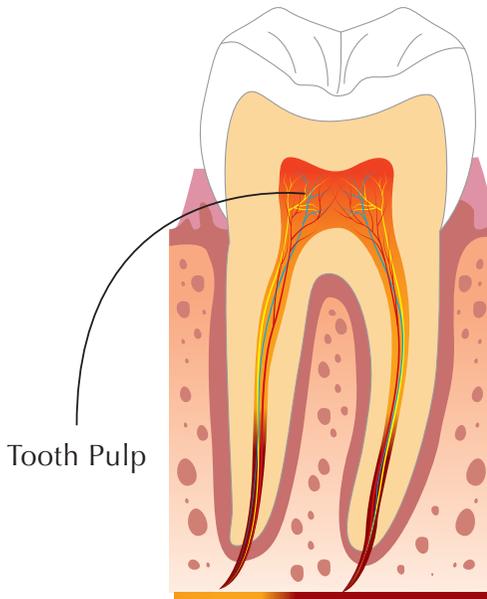
Hematopoietic Stem Cells (HSCs)

HSCs that are found in the cord blood are multipotent stem cells that has the potential to differentiate mainly into blood components such as red blood cells, white blood cells, platelets, etc.

Mesenchymal Stem Cells (MSCs)

MSCs that are found in the tooth pulp are also multipotent stem cells that has the potential to differentiate and trans-differentiate into a wide range of cells and tissues such as bone, heart, nerve, muscle, liver, cartilage and etc.

TOOTH PULP-DERIVED MSCs



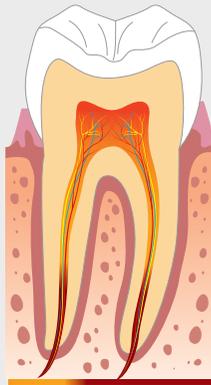
A tooth pulp is found in the centre of the tooth made up of living connective tissues and cells. Tooth pulp-derived mesenchymal stem cells - **ToothMSCs** are special cells that live in the pulp tissue inside our teeth. A rich source of MSCs can be found in this tooth pulp tissue, protected and unexposed to the external environment due to the hard and sturdy layer of dentin and enamel.

Over the years, findings on **ToothMSCs** have been explosive and researchers around the world are currently exploring the possible application of **ToothMSCs** as regenerative medicine. Storage of **ToothMSCs** is quickly becoming a potential and favorable source of MSCs for stem cell treatment worldwide.

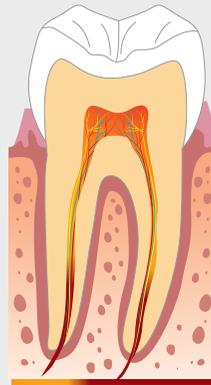
ADVANTAGES OF **ToothMSCs**

- MSCs have the potential to treat heart disease, Parkinson's disease, cerebral global ischemia, retinal disease and other indications.
- Immunologically immature and well-tolerated in allogeneic transplantation.
- Theoretically could be used by siblings, parents and grandparents.
- Teeth are usually thrown away as medical waste after removal.
- Collection is simple, non-invasive and safe.

THE EARLIER, THE BETTER



Healthy Pulp Molar
of 18 years old



Healthy Pulp Molar
of 60 years old

Reference: www.stemsave.com

Age is important. Stem cells are best stored at the earliest opportunity because stem cells within the dental pulp become less proliferative as the individual ages.

Thus, you should enroll yourself or your child now; given it's under the following conditions:

- Your child's tooth starts to loosen
- You intend to undergo wisdom tooth removal
- You intend to undergo orthodontic surgery

LARGEST STEM CELL BANK IN SOUTH EAST ASIA



Established in 2002, CryoCord has grown to become the largest and most comprehensive private stem cell facility in South East Asia, located within Bio-X Centre in Cyberjaya, Selangor. Tens of thousands families have sought and entrusted CryoCord's uncompromising expertise, professionalism and integrity to store their valuable stem cells.

MOST ADVANCED FACILITIES

- The laboratory houses 8 Class 100 cleanroom that are certified to ISO 14644 (ISO Class 5) cleanroom with high efficiency particulate air (HEPA) filters.
- Our state-of-the-art laboratory certified to cGMP (PIC/S) requisites was awarded by NPRA, a division of the Ministry of Health, Malaysia.
- Externally piped in tank to ensure a constant and reliable supply of liquid nitrogen to the cryopreservation tanks.
- FIRST medical lab in the region with central monitoring and control system (SCADA System).



1800 88 3300

24 Hours Hotline



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cGMP certification (PIC/S) by
NPRA (Ministry of Health)



ISO15189 accreditation by
SAMM for Medical Testing



MSC status by Malaysia
Digital Economy
Corporation (MDEC)



Best Stem Cell Bank
2012, 2013, 2014, 2015,
2016, 2017, 2018, 2019



The BrandLaureate
Best Brands in Sciences-
Stem Cell Laboratory



Malaysia Stem Cell Banking
Company of the Year 2019
by Frost & Sullivan