



**Netripples Cord Blood Bank Management System** The main concern of cord blood banking, private or public, is the long-term viability of cryogenically frozen cord blood. There are also many misconception regarding the security, storage & Management of cord blood banking. Netripples Cord Blood Bank Management System (CBBMS) monitoring will limit such misconception and help the Banking process to make the cord blood save for long time, Our System is designed not only to ease the administrative onus but also for proper security & safety right from the Registration to entry to the cryogenic vault strictly to authorized personnel; and paging, Temperature Alerts and faxing systems that maintain constant contact with our technicians while monitoring the laboratory and storage areas. The facility and systems are monitored twenty-four hours a day, 365 days a year, to ensure the long-term security of your family's stem cells. In short, we have not only secured a safe location, but also have rigorously designed our systems to ensure the security and safety of your baby's cord blood stem cells. Moreover Netripples Cord Blood Bank Management System (CBBMS) is compatible with all essential international standards like ISBT 128 / HL7/FDA and follow the emergent guidelines of WHO /HIPAA/ AABB etc...

#### **Features:**

- ▶ Follow the Guidelines of accreditation authority like ISBT 128, AABB, EU and WHO
- ▶ Integration with any Blood Bank System / HIS / LIS / portal / Website
- ▶ RFID, Biometric and Smart Card can be interfaced.
- ▶ Microsoft Dot Net Technology to be compatible with your Operating System
- ▶ Database independence from SQL to Oracle.
- ▶ Print and view option in every screen
- ▶ ?No post implementation issues as client will be involved in all the stages of implementation as well as customization as per client inputs.
- ▶ Back Office Modules / Billing Module
- ▶ Technology & Version :
- ▶ Multi User LAN versions
- ▶ Integrated with Any HIS / LIS Versions
- ▶ Integrated with Multi Specialty Poly clinics
- ▶ Integrated with Web based Applications
- ▶ Interfaced with any Devices / Gadgets

#### **Need Analysis:**

- ▶ Cord Blood Donation is an effective and often lifesaving therapy.
- ▶ Today, cord blood are utilised across the globe which increases demand
- ▶ The increasing commercialization of cord blood has multiplied opportunities for profit-making
- ▶ The lack of ethical guidance and improper management lead to a serious international risk to both donors and recipients of cells and tissues.
- ▶ Our solutions meet the requirements of any cord blood bank across the Globe.
- ▶ The main concern of cord blood banking, private or public, is the long-term viability of cryogenically frozen cord blood.

- ▶ Netripples application has the ability to maintain the temperature within the freezing Chamber and is controlled with the use of a laminar flow of atomised liquid nitrogen which helps provide a uniform freezing profile over all of the samples.
- ▶ With every freezing profile recorded with automatic time, date and operator name generated within the file, complete traceability meets the most stringent of standards
- ▶ Netripples CBBM System maintain the product below the critical storage temperature.

**Benefits:**

- ▶ Fully Web based system and can accessed with browser
- ▶ Complete cycle of Operations from Generation of Mother Consent Form to donation, Clinical Laboratory tests, Issues, billing, insurance etc.,
- ▶ Storage and retrieval management.
- ▶ H and I tests and DNA TYPING
- ▶ Confirming to ISBT 128 Standards (Barcode).
- ▶ Integration with any Blood Bank System
- ▶ Donor registration online facility
- ▶ ?Insurance modules available / Procurement Module with organizer set up
- ▶ Compatibility with any Third party Software for Integration.
- ▶ Inventory Management package enables the storage location of samples to be monitored together with a history of archived material.
- ▶ By easily locating a sample prior to removal, other samples are undisturbed by periods outside of the cryogenic environment
- ▶ The software also manages the available space within the refrigerator ensuring that the capacity of the unit is not unexpectedly exhausted.