

# Mother's Best™

## Breast Milk Tracking System

For more  
information call:  
800.755.7226

**Be With Your Baby**  
**Mothers Best** is a complete management system utilizing portable data collection for milk from the mother to the infant, Collect, put away and recover, and use milk inventory, and confirm mother and infant information.



**Give your infant Mother's Best**  
**Mother's Best** is a complete management system utilizing portable data collection to track an inventory of a mother's milk ... making sure that an infant is receiving mother's milk in the freshest and safest way possible. With **Mother's Best** ease-of-use, you can collect patient information and store a mother's milk for consumption at a later time.

A reprint from:



Checklist: The Benefits of Breast Milk  
Need a reason to start pumping?  
By Suelain Moy

Touted as the perfect food, breast milk:

- Provides essential nutrients in the correct proportions
- Contains immunity-boosting antibodies
- Causes less vomiting than formula
- Protects against diarrhea and ear infections
- Prevents allergies
- Has a form of protein that is more easily digested by the newborn
- Acts as an antibacterial agent

*Excerpted from the AmericanBaby.com Ages & Stages weekly prenatal newsletter, Week 33.*



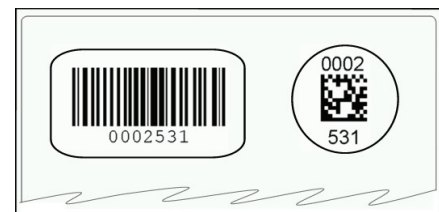
**Mother's Best** is a complete sample management system utilizing

- portable data collection
- handheld keyboard wedge or USB interface scanners
- Barcode printers and labels

### **Mother's Best Enterprise Software Package**

- Uses MS SQL Database Engine (not included)
- Supports Unlimited Users
- Includes 1 CE Client license for Mobile Computer

**Item No.: MB\_Enterprise**



A **MobilityScan™** Solution  
Mobile Solutions by ScanOnline

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### A **MobilityScan™** Solution

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**Solution** Latch Match the name of the application used at Duke Medical

## Objectives

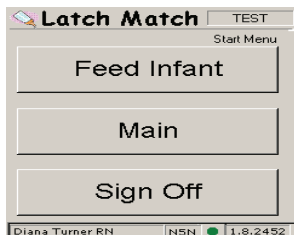
### Goal

provide a safe solution for ensuring the correct milk gets to the correct baby

## Feed

## The Application

- There are Production and Test environments
- Client hardware: Symbol PDA with Windows CE, Symbol Wand Scanners attached to desk top PC's and Zebra Bar Code Printers.
- The development of the application included input from the clinical nursing staff, nursing informatics, ergonomics and human factors engineer and the vendor



**Take Out** – to thaw, transfer, move, send home or to discard

**Print Labels** – to give to Mom to take home and place on MBM containers

**Store Milk** – Mom brings in MBM with bar-coded labels, scanned and stored in freezer/refrigerator

**Make Feeds** – MBM and additives made into feeds and new labels printed

**Relate Infants** – twins and triplets etc. can share MBM



**Inventory** – can inventory the freezers/refrigerators

**Locate Milk** – can tell you where all the milk is located for an infant

**Reprint Label** – ability to reprint labels that are damaged, didn't print or can't find (original label then is invalid)

**Return** – to go to first menu screen to log off or feed infant.

**Status** – gives the status for container – belongs to, located, last process, expires etc..

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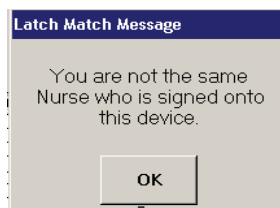
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### Abstract

**Purpose:** With both an increase in premature births and an increasing number of mothers pumping breast milk, it is essential that every infant receives the breast milk that their mother provided for them and only them. Mothers of premature and sick babies want their babies to receive their breast milk; they know that the breast milk has protective immunity properties that their baby desperately needs. These mothers pump breast milk, freeze it and then deliver it to the hospital to be fed to their baby. Feeding the correct milk to the correct baby, as well as tracking the inventory and monitoring for expiration is expected to occur.

**Description:** "Latch Match," a software application, was designed and developed to promote the safe delivery of breast milk to premature and sick infants using bar-coding technology. Bar-code labels are given to the mother to take home; she brings in frozen breast milk with these bar-coded labels on the containers. Using bar-codes on the storage location i.e. freezers, refrigerators and the containers, they are stored. Movement of containers is tracked with bar-coding. Finally, to feed the baby, the containers barcode label, baby's ID barcode band and nurse's ID badge are all scanned. "Latch Match" is designed to track the breast milk by time and location. The system alerts for mismatches, expired breast milk and infant discharges

### Sample Alerts



### Outcomes

Verification of both baby and breast milk guarantee that the baby is safely fed the correct milk. Milk storage container barcode is scanned, as well as the infant's barcode ID band for redundant infant/milk relationship confirmation. Latch Match manages a real time inventory and shelf life of infant's breast milk. Staff utilizes inventory for par levels, locations, transfers and discharges. Inventory feature aids in ensuring the proper milk is in the proper location.

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## References

Special thanks to the Duke University Hospital Intensive Care Nursery for their help in developing "Latch Match"

MobilityScan Solutions  
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[www.mobilityscan.com](http://www.mobilityscan.com)

MobilityScan Solutions builds and packages solutions for business. Whether it is within the four walls of the manufacturing plant and warehouse or with a mobile service force, MobilityScan provides Solutions.

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