First 5 Commission Meeting
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UC Health Milk Bank at 1 year

- The UC Health Milk Bank has improved donor and consumer experience, driven milk donations, increased donor milk use and engaged the community including:
  - Online portal for donation and purchase
  - Simultaneous blood screen and first donation
  - Collaboration with San Diego Blood Bank
  - Flagship donor milk program at UCSD Health
The UC Health Milk Bank is elevating the standard of newborn nutrition through our best practices, including:

- Milk nutrient analysis and NICU focused nutritional targets
- Pre- and post- pasteurization milk cultures
- Bar coding label system
- Using scientific method to improve products
- Collaboration with NICUs
- Involvement in human milk research
- Engagement with pediatric and milk banking national partners (AAP and HMBANA)
In FY 21 the UC Health Milk Bank approved 275 donors and collected 180,768 ounces of milk.

Donor Engagement

*Q1 only includes Sept. 2020*
Revenue Generation & Capacity Building

In FY 21 UC Health Milk Bank dispensed $256,482 of PHDM, serving a wide community of hospitals and 163 outpatient families. Majority of sales were to San Diego NICUs and families.

“...I am beyond grateful for the UC Health Milk Bank for providing donor breast milk to infants like my daughter, Alaya. She was intolerant to most, if not all, formulas on the shelf and was fussy most of the time for her first 2 months of life. Meanwhile, I was not producing enough milk. She is now a changed baby and happy all of the time; Breast truly is best!” – Alejandra
The UC Health Milk Bank aspires to increase its Southern California market and serve all UC Health hospitals by the end of FY 22.

The Milk Bank is currently surveying Southern California hospitals to identify inequities in donor milk use. It aims to support hospitals that do not currently use donor milk by assisting with program adoption, tissue bank licensing and, potentially, provision of donor milk.
UC Health Milk Bank- Next Steps

- Increase donors/milk donation
- Targeted outreach to Spanish speaking families
- Work with SD County public health staff on outreach to bereaved families
- Engage and educate medical providers
- Double production capacity
- Increase hospital contracts
- Improve delivery logistics
- Complete landscape analysis of SoCal NICUs to identify gaps
- Work with state agencies to consider a donor milk requirement for NICU certification
Thank you to our generous philanthropic and community supporters!
Donation Process

Potential Donor registers to become a donor on the Portal

Donor Coordinator conducts phone screen with Potential Donor

Potential Donor completes Mother and Child Health Questionnaires

Donor Coordinator obtains mother and baby’s provider approval

Potential Donor signs consents and Health Information Release

Mother has blood test and drops off first donation

Blood results reported; Final approval decision
Milk Processing

Frozen milk donation is thawed in a refrigerator.

Each mother’s milk undergoes nutrition analysis (fat, protein and carbohydrates).

Milk from 5 mothers is pooled together.

A nutrition analysis of the pooled milk determines if it is allocated to tiny babies, term babies, or outpatients.

Bottles are filled and capped.

Milk is heat pasteurized for 30 minutes.

Labels with bar codes and calorie and protein content are applied to bottles.

Bottles are frozen.

One bottle of each batch is cultured to ensure sterility. If the culture is negative, milk is approved.

Milk is delivered to NICUs in SoCal.