THE ELIXIR OF LIFE
500,000 babies are admitted to a neonatal ICU/year in the US and they have a common nutritional requirement - their mother’s breast milk. Empirically proven benefits include shorter hospital stays, lower readmissions and fewer morbidities like Sepsis, NEC and ROP.

MULTI-FACETED PROBLEM
13,000 hours/year are spent on breast milk management at an average sized neonatal ICU. The lack of real-time insights, manually labeled bottles and low patient engagement make the process inefficient, error-prone and stressful for the mothers and nurses.

CO-INNOVATED WITH PENN MEDICINE NURSES, FOR NURSES
Keriton is an end-to-end automated system that saves critical nurse time and reduces errors. The system also significantly enhances the pumping experience for mothers, resulting in improved milk production.

- Real-time lactation dashboards
- Patient-engagement via media sharing
- Secure messaging platform
- Inventory & workflow management
- Low-stock & expired milk notifications
- Feed validations

A NEW GOLD STANDARD FOR BREAST MILK MANAGEMENT

CONTACT US - info@keriton.com | www.keriton.com | +1 (215) 252-6186
Keriton was founded by Vidur S. Bhatnagar - MSE Robotics candidate at University of Pennsylvania, formerly Product Owner at SAP and advised by Roy Rosin - Chief Innovation Officer at Penn Medicine, Diane Spatz - Professor of Perinatal Nursing and Nutrition at Penn Nursing, Vijay Kumar - Dean at Penn Engineering and Janene Fuerch - Neonatologist at Stanford Medicine
THE PERFECT PENN STORY

QUAKERS - united we stand, innovate & deliver. Keriton is an excellent example of what can be achieved when faculty, staff and students from the University of Pennsylvania and Penn Medicine collaborate across disciplines. In a span of 14 months, Keriton has transformed from an award-winning prototype at PennApps, to a top pediatric-health innovation, being recognized and celebrated nationally.

BORN AT PENNAPPS

JAN’ 16 - The Penn Center for Innovation (PCI) sponsored the inaugural Healthcare track at PennApps and partnered with Penn Medicine Center for Healthcare Innovation to identify clinical challenges. Vidur, from Penn Engineering, won 2nd place at PennApps 2016, for his prototype of an advanced breast milk management system.

MADE IN PHILLY, WITH LOVE

MAR’ 16 - Incubated under Penn Medicine’s DreamIt Health Program, Keriton raised $100K in 30 days, with participation from Penn Medicine, Wharton, and others.

CODE, TEST, EAT, REPEAT

MAY - NOV’ 16 - In lean startup mode, the team built and tested several prototypes alongside the HUP NICU team. Continuous support from Penn’s leadership and advice from passionate Penn Medicine nurses was instrumental in closing a $1 million seed round.

BETA RELEASE AT PENN

DEC’ 16 - A suite of four apps - Keriton Kare Mom, Kare Nurse, Classify and Konnect - was delivered to the NICU team at HUP in a closed beta.

A NATIONAL VALIDATION

MAR’ 17 - Keriton was named the winner at a high profile national competition for pediatric startups at SXSW, sponsored by 8 leading children’s hospitals.

The Keriton suite is now live at HUP.