

For parents of neonates at risk of jaundice, it's a challenge to safely monitor their baby at home.

Today their best option is to keep/put the baby in NICU, which because of hospital costs, overcrowding and separation of parents from infants yields financial and emotional stress and potential worse clinical outcomes (like infections or staggered development).

Thus, there is a need to monitor neonatal jaundice safely, affordably, and effectively at home, which, if solved, would have the impact of reduced average cost of care for parents and improved clinical outcomes for neonates.

Solving this need can be achieved by a wearable band and app that monitor bilirubin levels and aid parents and doctors better manage neonate's health. It will be demonstrated by a XX% reduction in incubators usage and an increase in accuracy with which complications are identified as opposed to visual inspection by parents.