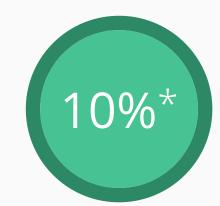
NEGHYDRATE

An at home hydration and nutrition monitoring device for the critical first weeks of life





Of breastfed babies suffer from breastfeeding jaundice, caused by inadequate feeding

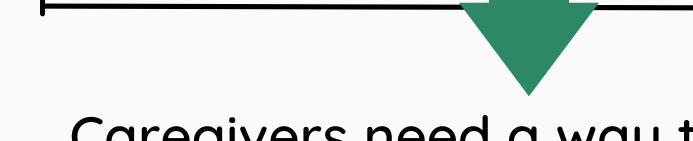
Dehydration is one of the leading causes of rehospitalization in neonates





It can be very hard for caregivers to tell if their baby is receiving enough milk

The current method of determining infant dehydration must be performed at a doctor's office



Baby safe

Caregivers need a way to determine hydration, in their own home that must be:



Affordable





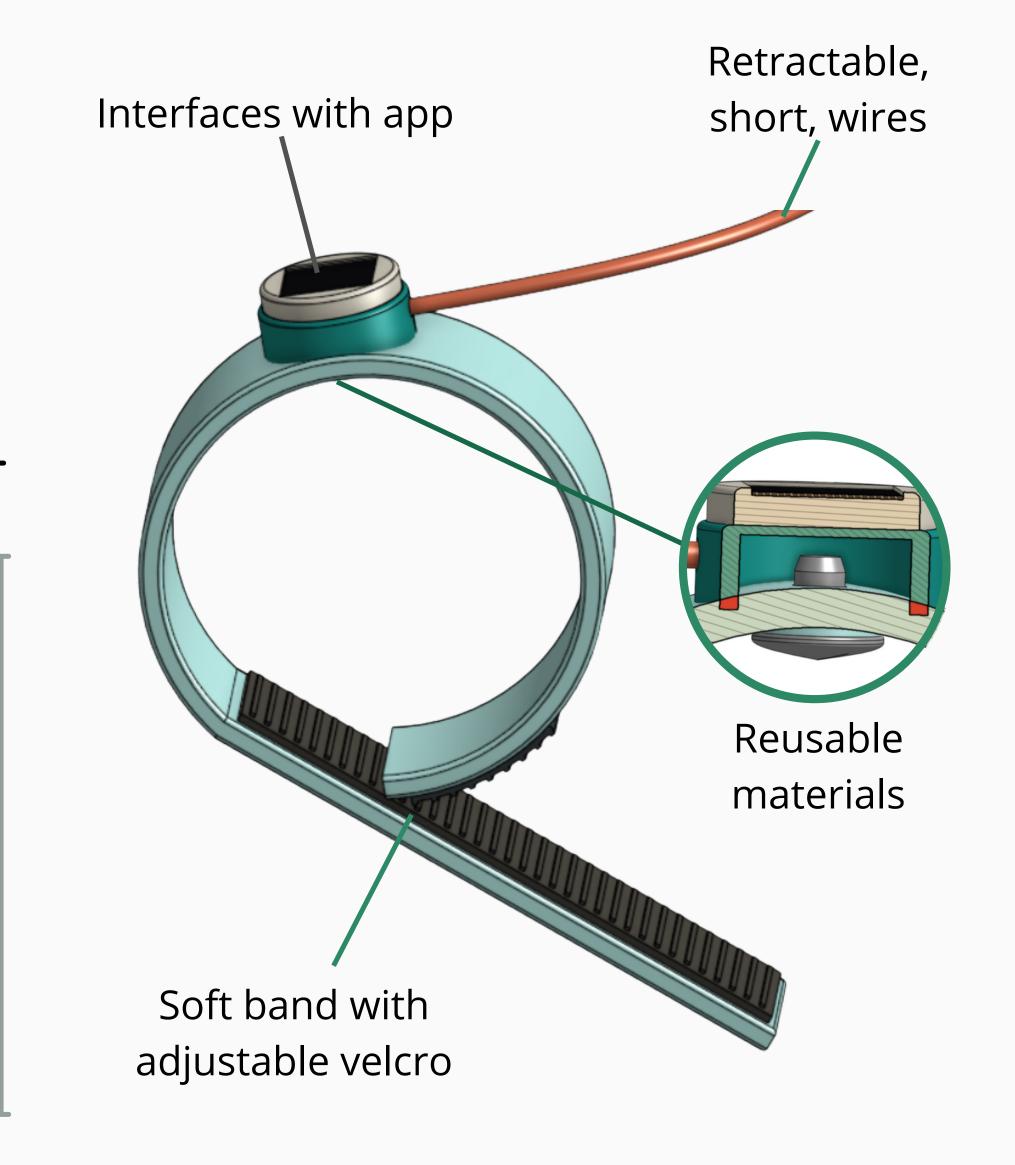
Quick to apply



Easy to use

Accurate

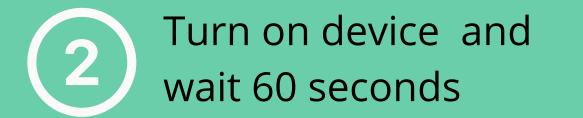
Bioimpedence based technique



How to use Neohydrate

Place band on forearm and calf, velcro secure

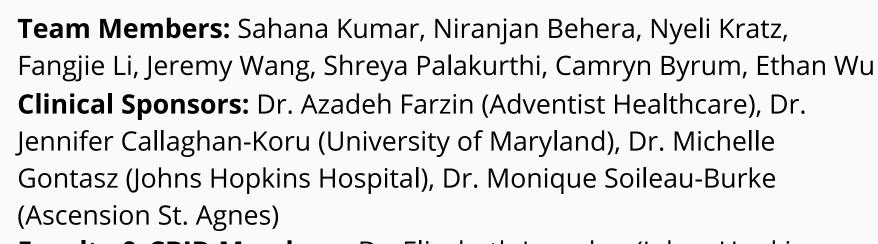








Repeat 3-4 times a day, recommended before and/or after sleep



Faculty & CBID Members: Dr. Elizabeth Logsdon (Johns Hopkins Biomedical Engineering Dept.), Matthew Feryo