

ACCURATE AND EASY-TO-USE BABY SCALE TO MONITOR BABY DEVELOPMENT

Low-cost baby measuring scale for digital capturing and analysis of infant development

Technology Overview

The Digital Baby Measuring Scale (Infantometer) is a weight and height measuring medical device that automatically captures and records the readings of the infant's length and weight using sensors. The measurements are captured digitally and sent to an accompanying software application on a mobile device used by the health professional. Automatic alerts are sent to healthcare professionals (nurses and dietitians) to assess and recommend a development plan for the infant. Captured data is analysed, geographically tagged, and tracks development trends of infants individually as well as per geographic groupings.

Market Opportunity

With private and public health systems globally under pressure with health budgets, this low-cost solution will solve expensive infrastructure procurement. It can be rolled out at low-cost, and the technology can be distributed fast as only a smart phone is required. The data generated through the app is also valuable for governments to trace population wellbeing.

This may best be deployed in conjunction with the paediatric malnutrition measurement tool (see separate sheet).

Technology Benefits

- Accessible through mobile platforms
- Low cost
- Accurate screening records

Project status

Seeking licensees and/or grant makers for deployment in low-income settings.

Winner of the 2022 Commonwealth Centre for Digital Health prize in the Nutrition Category.



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