A global health problem

- 20 million pre-mature and low birth weight babies born/year
- 3 million of these die in the first four weeks of life
- Hypothermia at birth is one of the major risk factors for newborn morbidity and mortality, esp. in under resourced settings
- 99% babies that die globally are in such settings*

Hypothermia is a key driver to neonatal mortality in low resource settings

The Challenge

Neonatal radiant warming is a proven technology† to combat neonatal hypothermia. Of the main challenges that are faced when using current products in low resource and low skill settings are:

- Unable to work in tough conditions e.g. wide power fluctuations
- Expensive to buy & maintain
- Difficult to clean

Current technology not designed for needs of low resource settings

Our proven solution

Innovatively designed Radiant warmer built for reliable operation in low resource settings, easy to clean, reliable and affordable

FDA & CE approved, RoHS compliant

Over 2600 units deployed in ~50 countries

Key Benefits and Features

Excellent clinical performance

- Reduced warm-up time by 69% to ensure stress-free newborn arrival
- Uniform heat distribution with minimal spillage
- Walls of warmth to maintain heat inside bed area
- Non-stitch mattress to avoid build up of infections
- Integrated X-Ray tray for minimal disturbance and repositioning of the infant

Intuitive Ease of Use

- Visually coded control panel and color coded safety alarms – simple to understand and language independent
- Smooth bed tilt (trendelenburg and reverse trendelenburg)
- Included APGAR timer for labor & delivery
- Easy to dismantle baby cot and clean the frame below
- Smooth frame enables cleaning of crevices
- Many accessories can be attached to the Dovetail rail system

Low total cost of ownership

- 60% less power consumed on start-up and 20% less power consumed over 24 hours**
- Calrod heater technology with longer life and safe operation (won’t accidentally break or chip over the bed)
- Higher cost savings on account of lifetime Calrod warranty, lower failure rates and low power consumption

Significant savings due to low running costs and maintenance costs

The technology has been cited† by WHO as an example of reliable and low cost innovations designed for needs of low and middle income countries

* Power saving calculations based on in house laboratory evaluation versus a locally manufactured competitive warmer

Abstract Number: 171610 | Author Name: Ashish Gupta | E-mail: lowresourcesetting@gmail.com