Technology Overview:

It is a realistic medical premature infant mannequin. The mannequin is the size of an infant born at 26 weeks gestation and weighs approximately 1 pound 11 ounce. The mannequin has appropriate proportions and flexibility that mimics a preterm infant.

Potential Applications: Proper developmental positioning is an essential skill for neonatal intensive care unit nurses and this mannequin will allow them to practice and improve their skills in this area.

Key Features & Benefits: The mannequin will have the appropriate range of motion in all extremities and it will be able to be developmentally positioned in supine, prone, and side lying positions.

- The realistic mannequin is able to be manipulated and positioned in a developmentally appropriate way. It greatly benefit NICU nurses to get educated and trained in the neuroprotective positioning.

- The mannequin will help by being used as on-hand training paired with the Infant Positioning Assessment Tool (IPAT).

A premature infant mannequin in supine position

Case ID: ID2021-011

IP Position: US patent application

Title: Medical Premature Infant Mannequin

Development Status: TRL 3-4: Basic technological components are integrated to establish that they will work together

Opportunity: Partners sought for development and prototype testing.

Category(s): Medical education and training mannequin

Keywords: Premature infant mannequin, infant positioning mannequin, preterm infant position training

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