

How Humpty can help



If there is a piece of medical equipment your organisation needs to help the sick kids in your care, please get in contact. We may be able to help if:

- You are from an organisation that benefits the public (public hospitals, health centres, medical rescue organisations)
- The equipment you need will be used to benefit babies and children
- You haven't been able to secure funding through your hospital/organisation by the usual means
- The equipment you need generally has a value upwards of \$1,000

Humpty is happy to provide any other equipment required, subject to approval by the Medical Sub-Committee, and provided that it falls within our funding objectives. Some examples of other equipment include:

- C-MAC video laryngoscopes
- Low-fidelity training manikins
- Baby beds, resuscitation warmers and incubators
- Colour-coded paediatric resuscitation trolleys
- Ventilators
- Patient monitors

What we provide is not limited to the above, so if there's something you'd like to apply for that you are unsure about, please call us to discuss.

Generally, Humpty can't help with the following:

- Otoscopes and ophthalmoscopes
- Measuring scales
- Suction devices
- High fidelity training manikins (except for centralised simulation/training centres)
- Any equipment that will permanently stay in the home of the patient



- Maintenance, consumables, or upgrades on any existing medical equipment e.g. transducers, VL blades
- Distraction devices e.g. iPads, toys, games, Buzzy4Shots
- Basic hospital furniture such as beds or baths
- ECG Machine (These are considered core hospital equipment, sharable between departments)

There are some pieces of equipment that Humpty is always happy to provide. The following items have been pre-approved by Humpty's Medical Program Advisory Committee. (Please note that requests for >2 items will require review and approval by the Committee)

PRE-APPROVED MEDICAL EQUIPMENT

UPDATED JULY 2025

NEOPUFF RESUSCITATION DEVICE

Fisher & Paykel Healthcare

The Neopuff is a T-piece resuscitator designed to provide controlled, consistent and accurate pressures. The device can provide assisted respiratory breaths to neonates and infants up to 10kg.



KANMED BABY BED

Hoyland Medical

The Kanmed Baby Bed is modern, practical and made for the care of newborn and premature babies in medium and low intensive care situations. The Baby Bed was developed together with healthcare professionals to ensure a high level of ergonomics.



RAD 57 PULSE OXIMETER (NEONATAL OR PAEDIATRIC SENSOR)

Masimo

The portable Rad-57 allows for the accurate and efficient recording of arterial oxygen levels to quickly track any changes in the patient. Protective boots are available in your choice of colour.



EZ-IO DRILL & EDUCATOR KIT

Teleflex Medical Australia & New Zealand

The EZ-IO Intraosseous Vascular Access System is an essential piece of resuscitation equipment. If, during a resuscitation of a baby or child, vascular access cannot be established, this drill kit is used to place a needle into one of the patients' large bones. Taking about 10 seconds, it is then attached to a line through which life-saving medication and fluids can then be administered.

ALTERNATIVE - EZ-IO DRILL ONLY



ASTODIA DIAPHANOSCOPE

Fairmont Medical

The Astodia Diaphanoscope illuminates small blood vessels and other structures filled with air or liquid. This equipment assists in reducing pain as it allows for the quick and accurate placement of a cannula (a tube that can be inserted into the body) to administer vital medicines to babies and children. It is particularly useful with darker skin, or when veins are not visible due to dehydration. The device is portable, easy to navigate and features an ergonomic design that allows for transillumination of even the most difficult to access areas.



SYMPHONY BREAST PUMP WITH STAND

Medela

The Symphony Breast pump is used by mothers to stimulate breast milk production and to express extra breast milk for babies to grow appropriately. The device features overflow protection and is suitable for single and double pumping use. Breast milk ensures long lasting benefits extending throughout childhood and beyond.

ALTERNATIVE BREAST PUMP ONLY (WITH CASE)



RADICAL-7 PULSE OXIMETER (NEONATAL OR PAEDIATRIC SENSOR)

Masimo

The Radical-7 Pulse Oximeter measures oxygen saturation, pulse rate, total haemoglobin, oxygen content and more. It is a 3-in-1 tool that can be used as a bedside, handheld or transport



monitor. The device ensures correct and safe oxygen delivery during highly critical times in an effort to prevent damage to organs such as the brain, eyes and lungs.

AIRVO 3 HUMIDIFIER SYSTEM

Fisher & Paykel Healthcare

The Airvo 3 Humidifier is humidifier with integrated flow generator, delivering respiratory support and airway hydration with a focus on mobility and continuity across the patient journey.



950 HUMIDIFICATION SYSTEM

Fisher & Paykel Healthcare

The 950-humidification system is an upgraded version of the 850 humidifier which offers greater usability and performance. It delivers constant humidity and a flow range of 0.5-40L/min in neonatal mode. In less than 30 minutes, the set temperature of 37 degrees celsius can be reached to provide a humidity level of greater than 33mg/L.



CONNEX VITAL SIGNS MONITOR WITH STAND

Welch Allyn

The Connex Vital Signs Monitor allows accurate assessment of vital signs like temperature, blood pressure and oxygen saturation levels in the paediatric setting. The device has the capability to spot check vitals and provide continuous monitoring to recognise deteriorating clinical conditions, allowing for early intervention. Choice of Masimo or Nellcor Pulse Oximetry.



BILISOFT LED PHOTOTHERAPY SYSTEM

GE Healthcare

The Bilisoft Phototherapy LED System provides family-centered care in the hospital and home setting. This machine effectively treats jaundice while at the same time enabling the parents to hold or feed their child without disturbing the therapeutic treatment in progress. The unit can provide over 50,000 hours of phototherapy at an intensity of up to $50\mu\text{W}\cdot\text{cm}^{-2}\cdot\text{nm}^{-1}$. The peak wavelength of this device is between 430-490nm, supporting the breakdown of bilirubin at a wavelength of approximately 458nm.



JAUNDICE METER JM-105

Draeger

Unlike a traditional blood test, the JM-105 is non-invasive and provides results in minutes rather than hours. The device can connect to a hospital information system and seamlessly transfer data to a patient's medical record.



VIVA MEDICATION EMERGENCY CART (FULL LOCKING BAR OR INDIVIDUAL BREAK AWAY LOCK)

Medilogic

This colour coded cart using the Broselow method is organised so that each drawer contains all the resuscitation equipment needed for babies and infants/children in each specific height/weight range, making it faster, easier and safer for teams to access what they need in emergency situations when time is critically important to saving a child's life.



BILISTICK SYSTEM 2.0

Niche Medical

The Bilistick2.0 System is a low-cost, handheld point-of-care device that accurately measures total serum bilirubin in newborns using just a 25µL heel-stick blood sample. With battery-powered reflectance spectroscopy, it delivers results in under 2 minutes. It's portable, minimally invasive, and ideal for neonatal jaundice screening.



NEWBORN ANNE TRAINING MANIKIN

Laerdal

This manikin is full-term, anatomically accurate neonatal simulator designed for teaching core resuscitation skills within the first 10 minutes of life. It features a functional airway for ventilation and intubation, needle decompression, bilateral chest rise, umbilical and intraosseous access, and a manual umbilical pulse



HEMOCUE HB801 ANALYSER

Radiometer

The HemoCue Hb 801 Analyser provides fast, accurate haemoglobin testing at the point of care. Ideal for paediatric and emergency settings, it delivers lab-quality results in under a second using just a tiny blood sample. Portable, user-friendly, and reliable—even in challenging environments—it supports rapid diagnosis and timely treatment decisions.



SOUND EAR 3

Draeger

The SoundEar 3 is an advanced noise-monitoring system featuring a visual alarm sign and data logging capabilities (30–120 dB). It logs noise levels for up to ~600 days, supports USB or wireless data transfer, and integrates with building management systems via analog outputs.

