Humpty's Wish List



The following special projects and medical equipment have been requested by hospitals and health services in Queensland and other states.

We hope you can help grant these vital wishes. Thank you!

NEOPUFF RESUSCITATION DEVICE: \$1,910

Mount Isa Base Hospital, Special Care Nursery

This equipment provides life-saving resuscitation and ongoing ventilation assistance to infants using modern and user-friendly technology. It will be used daily and can be moved to the bedside of each baby or young child at risk.

Mount Isa, with a population of 22,000 people, is more than 20 hours' drive or 2.5 hours flight away from Brisbane and therefore has a Special Care Nursery to care for pre-term and sick babies.

RAD 5 PULSE OXIMETER WITH NEONATAL SENSOR: \$2,180 EACH — 2 NEEDED

Mount Isa Hospital, Special Care Nursery (1) Sunshine Coast University Hospital, Neonatology (2)

Accurately measuring pulse rate, oxygen saturation and blood flow is essential when assessing the status and treatment options for paediatric patients. The handheld Rad 5 allows clinical staff to accurately and efficiently measure and record this information, allowing clinicians to track and respond quickly to any changes.

Mount Isa Hospital is 1,800 kilometres from Brisbane and this piece of equipment will support nurses and doctors to monitor critical vitals for sick babies and children. Sunshine Coast Hospital is in a fast-growing region of Queensland which treats more than 1200 preterm births a year.

*All donations are 100% tax deductible. A plaque recognising your donation will be attached to purchased equipment.





HUMPTY'S WISH LIST

Reed & Co. ESTATE AGENTS

EZ-IO DRILL & EDUCATOR KIT: \$2,780

Inglewood Multi Purpose Health Service (MPHS), Acute Care

This kit is an essential piece of resuscitation equipment which every hospital should have. If access to a vein cannot be established during resuscitation of a baby or child, the EZ IO drill kit can be used to place a needle into one of the patient's large bones. It takes about 10 seconds and can then be attached to a line through which lifesaving medication and fluids can be administered. An access point for fluid and medication is vital to the resuscitation process and has life-saving impacts. It also includes educational resources to train staff in its use.

Inglewood MPHS provides emergency care to the rural community in the Goondiwindi region of Queensland.

ASTODIA DIAPHANOSCOPE: \$3,410 EACH — 2 NEEDED

Hervey Bay Hospital, Special Care Nursery (1) Gold Coast University Hospital, Newborn Care Unit (2)

Very sick or pre-term babies often require cannulation to support their care in hospital. This can be distressing and challenging for clinicians, patients and their carers.

This piece of equipment helps to make tiny veins and vessels easy to see and access. This reduces the amount of time and pain incurred by the baby. The diaphanoscope can also be used to expertly diagnose other conditions, like when air leaks into the space between the lung and chest wall (pneumothorax).

There are more than 1,000 babies born every year at Hervey Bay Hospital which is 100 kilometres from the closest referral hospital in Bundaberg. Gold Coast University Hospital averages around 300 babies born a month.

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SYMPHONY BREAST PUMP WITH STAND: \$3,470 EACH — 2 NEEDED

Mount Isa Base Hospital, Special Care Nursery (2)

Breast milk provides ideal nutrition to newborn babies and supports their growth and development. The Medela Symphony Breast pump will be used by lactating mothers to stimulate breast milk supply and to express extra breast milk for babies to help them to thrive.



Mount Isa Hospital is a hospital in remote Queensland which has about 400 births a year.

RADICAL-7 PULSE CO-OXIMETER WITH PAEDIATRIC SENSOR: \$4,750

Baralaba Multi Purpose Health Service

This 3-in-1 device can be used as a bedside, handheld, or transport monitor. By shining a light on the baby's finger or toe, the oximeter measures the amount of oxygen in their capillaries. The oximeter sounds an alarm at the slightest change in oxygen levels, allowing life-saving action to be taken to prevent damage to organs such as the brain, lungs and eyes.

Baralaba is a small town in rural Queensland, about 100 kilometres southwest of Rockhampton.

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INDIRECT OPHTHALMOSCOPE: \$6,010

Gove Hospital, Ambulatory Care Specialist Clinics

Performing an ophthalmological examination on small children is always challenging. Children are usually required to sit on their parent's lap who are understandably equally anxious and nervous. All children that present with an eye problem need to undergo a good retinal examination. It is important to rule out retinal pathology during strabismus (squint examination). The indirect ophthalmoscope is a great tool in paediatric eye examination for a comprehensive retinal examination. Blinding diseases like Retinoblastoma is critical to rule out in a paediatric examination.

Use of the Indirect Ophthalmoscope within the Emergency Department out of hours for paediatric requirements will also support care and diagnosis, reducing any unnecessary travel to Darwin for specialist assessment.

Gove is a remote community in the Gove Peninsula and is 650 kilometres from Darwin Hospital.

CONNEX VITAL SIGNS MONITOR WITH STAND: \$6,440 EACH — 2 NEEDED

Noosa Hospital, Emergency (1) Ryde Hospital, Paediatric Emergency (1)

This equipment allows health care teams to accurately assess a range of vital signs like temperature, blood pressure and oxygen saturation levels within paediatric care settings. The monitor recognises deteriorating clinical conditions immediately, which allows for early intervention, minimising the risks and adverse outcomes for the patient. It is a very important piece of equipment to have in the ward.

Children aged 0-4 had the highest rates of presentation to emergency departments in 2021-2022. Noosa Emergency Department (ED) is a public ED servicing the Noosaville region. Ryde Hospital is a metropolitan hospital in Sydney's north-western suburbs and sees 4,000 paediatric presentations through its emergency department every year.



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CONNEX SPOT MONITOR: \$8,200

Sarina Hospital, Emergency Department

Vital signs in sick babies and children need to be monitored with precision and within contemporary parameters. This equipment is designed to help clinicians treat children and identify clinical deterioration to escalate care and reduce the risk of an adverse outcome.

Sarina Hospital is a regional hospital about 800 kilometres from the closest tertiary hospital in Brisbane.

JM-105 JAUNDICE DETECTOR: \$9,680 EACH — 3 NEEDED

Toowoomba Hospital, Maternity, Women & Childrens Unit (1) Sunshine Coast University Hospital (2)

Jaundice, a potentially serious illness with dire outcomes, is easy to detect with the right equipment. The JM-105 is non-invasive test which provides results in minutes rather than hours. Jaundice, or yellowing of the skin and eyes, occurs in approximately 50% of full-term and 80% of pre-term babies in their first week of life. It is often an indication of underlying symptoms and as a result, screening of babies for jaundice efficiently and effectively is vital.

In 2020, Toowoomba Hospital topped Queensland for most babies born at 1,418. Sunshine Coast University Hospoital has almost 5000 paediatric presentations to its ED a year.

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KANMED BABY BED: \$10,730

Baralaba Multi Purpose Health Service

The Kanmed Baby Bed specifically supports the care of newborn and premature babies in medium and low intensive care situations. Kanmed beds allow the babies to transition from an incubator to an open cot. This is so important because it allows for family interaction and involvement while helping the babies to maintain an appropriate body temperature to help them to thrive.

As a small rural hospital 8 hours from Brisbane, Baralaba Hospital requires upgrades to their current Kanmed as it reaches end of life.

BILISOFT LED PHOTOTHERAPY SYSTEM - LARGE PAD WITH STAND: \$12,330

Mount Isa Base Hospital, Paediatrics

This machine can prevent serious illness by treating a common condition in newborns. Jaundice, detected as a yellowing of the skin and eyes, occurs in 50% of full-term babies and 80% of pre-term babies in their first week of life. Without prompt treatment, jaundice can cause cerebral palsy, deafness and/or brain damage. This machine uses phototherapy (exposure to fluorescent light bulbs or other light sources) to effectively treat the jaundice while at the same time enabling the parents to hold or feed their child without disturbing the therapeutic treatment in progress.

Mount Isa Hospital is a regional hospital with a Special Care Nursery which treats up to 400 babies a year.

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X SERIES DEFIBRILLATOR: \$50,020

Noosa Hospital, Emergency

The X Series Monitor/Defibrillator is a portable defibrillator that combines defibrillation with advanced monitoring capabilities, helping doctors and nurses to care for their tiny patients more effectively. Providing care for babies often requires the use of multiple devices in a small space. This device provides a spacesaving solution for Noosa's clinical teams and is less invasive for patients.

Noosa Hospital does not have an onsite paediatric unit which means that all very unwell children need to be transferred, 50 minutes away. This piece of equipment is used during the transfer process as it allows for greater patient monitoring and provides support to critically unwell children.



The cost of medical equipment as published by the Humpty Dumpty Foundation is an accurate estimate of the list price at the time of publication. It also includes an allowance for handling costs, delivery, handover costs and a plaque to acknowledge the donor. The actual cost of equipment may be different at the time of purchase. Any shortfall in the cost of the equipment will be paid for by Humpty, and any surplus will be treated as a donation to Humpty's general account and will be used to financially support the Foundation.

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