

Humpty's Mt Kilimanjaro - Equipment Wish List to date

The following items have been assessed by Humpty's Medical Sub Committee and approved to be purchased through the Mt Kilimanjaro project.

New South Wales

Neonatal ICU Monitoring System: \$16,000

HOSPITAL – Royal Prince Alfred, Neonatal Intensive Care Unit

The bedside monitoring system in the intensive care unit is the most essential piece of equipment for stabilizing and maintaining the health of our sick and fragile infants. They monitor all of the vital functions of babies from breathing rate to oxygen levels and to blood pressure. The nursing and medical staff are immediately alerted to take action to prevent the baby from harm.



Cardiac Monitor: \$16,300

HOSPITAL – Manning Rural Referral Hospital, Children's Ward & Nursery

For critically ill children and premature babies it is important to monitor vital signs such as heart rate, respiratory rate, oxygen levels and blood pressure. Manning Hospital is currently lacking sufficient monitors to assess children and babies and the current monitors are very old. This new monitor will allow nursing and medical staff to identify any variation to normal vital signs and prompt staff to act accordingly. The monitor will be utilised by both the Children's Ward and the Nursery



Northern Territory

Cosy Therm Mattress Warmer: \$4,700

HOSPITAL – Royal Darwin, Neonatal Intensive Care Unit

The Cosy Therm is a warming mattress used to nurse infants outside of an incubator in an open air cot while providing extra heat for small infant who may struggle to maintain their temperature at a normal level. It is useful for providing open access to the baby by the parents.



Draeger Caleo Incubator: \$30,000

HOSPITAL – Royal Darwin, Neonatal Intensive Care Unit

Used to nurse small babies in a warm environment to encourage optimum growth and or when delivering phototherapy for jaundice babies.



Queensland

2 x Symphony Breast pump with Stand: \$2,800 each
HOSPITAL – Royal Brisbane & Women’s Hospital, Neonatal Unit

This piece of equipment enables mothers to express breast milk for their sick and premature babies. It is recognised that breast milk is the best possible source of food for babies, particularly important when ill and premature.



2 x MR850 Humidifier: \$3,350 each
HOSPITAL – Royal Brisbane & Women’s Hospital, Neonatal Unit

The humidifier provides warm, humidified (moist) air to sick and premature neonates within the intensive care environment. These are utilised on the device that provides these infants with bubble crap (continuous positive airways pressure).



2 x Low Flow Air/O2 Blender: \$4,100 each
HOSPITAL – Royal Brisbane & Women’s Hospital, Neonatal Unit

The Low Flow Blender is an air, oxygen blender which provides precise mixing of medical grade air and oxygen. It is vital for neonatal resuscitation and respiratory support for sick neonates.



2 x Bilisoft Phototherapy System & Light Meter: \$10,700 each
HOSPITAL – Royal Brisbane & Women’s Hospital, Neonatal Unit

Phototherapy blankets are used to treat jaundice in babies in such a way that the baby and mother are not separated. The baby can be held, fed, even rocked when phototherapy is required to prevent damage to the developing brain. The blanket is wrapped around the baby and is maintained in the babies existing cot by the bedside.



South Australia

4 x SAT 801 Pulse Oximeter: \$1,790
HOSPIATL – MedStar Retrieval Service

This pulse oximeter is used in mobile emergency services of ambulances and helicopters and fixed wing planes. It is compactable and light weight and has the latest high-tech performance. It will be used on or for either a pediatric or neonate depending on the transfer.



2 x NIKI T43 Ambulatory Syringe Pump: \$2,750
HOSPIATL – MedStar Retrieval Service

The T34 is a small, lightweight, robust, battery powered, ambulatory syringe pump designed to deliver the contents of a 2 to 50ml syringe over a specified duration. This pump will be excellent for neonatal and pediatric use in the retrieval setting.



2 x MP 30 Monitor: \$11,950 each
HOSPITAL – Women’s & Children’ Hospital, Neonatal Medicine

Vital signs monitor continuously records heart rate, blood pressure, respiratory rate oxygen saturation of critically ill babies on life support in intensive care. Alarms set off to immediately alert staff of any compromise of the baby.



Tasmania

3 x Suction Pumps: \$1,375 each
HOSPITAL – Royal Hobart, Children’s Ward

This portable suction pump can be used in the home, care or on outings. It is used to remove oral/nasal secretions thus preventing choking and aspiration in children who have difficulty swallowing. It will be for short loan until funds can be raised by a family if necessary so they can buy their own.



3 x Pulse Oximeter: \$2,450 each
HOSPITAL – Royal Hobart, Children’s Ward

An oximeter can monitor a child’s heart rate and oxygen saturation levels. If a child is experiencing problems with their oxygen levels or heart rate it will alarm. This monitor works by attaching a non-invasive probe to the child’s hand or foot.



Linde Microgas Transcutaneous monitor: \$20,000
HOSPITAL – Royal Hobart, Neonatal Intensive Care Unit

This monitor measures the amount of oxygen and carbon dioxide in the capillary blood. By providing accurate, second by second updated information, this equipment enables 'fine tune' treatment to achieve the best possible outcomes for patients, many of whom are pre-term infants, possibly the most vulnerable of the vulnerable.



Victoria

3 x Bilitron Phototherapy Unit: \$4,180 each
HOSPITAL – Royal Women’s Hospital, Neonatal Intensive Care Unit

A significant amount of babies are admitted to the nursery for the treatment of jaundice. This technologically advanced Phototherapy unit gives off three times the amount of blue spectrum Phototherapy than other models. This piece of equipment makes treatment more efficient thus reducing a baby's stay in hospital.



2 x Babylog 800 Ventilator Screen: \$7,300 each
HOSPITAL – Royal Women’s Hospital, Neonatal Intensive Care Unit

At times in a very sick or traumatised child a vein cannot be found for a “drip”. In these kids, the most direct way to give fluids and medicines is through a needle into the shin bone. This device allows insertion of such a needle in a more gentle and controlled manner causing minimal trauma to the patient.



Western Australia

Cosy Therm Mattress Warmer: \$4,700
HOSPITAL – King Edward Memorial Hospital, Neonatal Intensive Care Unit

The Cosy Therm is a warming mattress used to nurse infants outside of an incubator in an open air cot while providing extra heat for small infant who may struggle to maintain their temperature at a normal level. It is useful for providing open access to the baby by the parents.



Infant Flow SIPAP: \$21,700
HOSPITAL – King Edward Memorial Hospital, Neonatal Intensive Care Unit

The Infant Flow will add to the available methods of ventilatory within neonates and provide an option for those babies who have difficulty in weaning off a ventilator or the more immature neonates whom have episodes of apnea (cessation of breathing) whereby they require the extra respiratory support this equipment can provide.



Helping put kids back together again