Humpty’s Wish List
Helping kids in hospital...

The following medical equipment has been requested by hospitals and health service centres that Humpty currently supports. Each item has been assessed and approved by Humpty’s Medical Sub Committee to appear on Humpty’s Wish List. This wish list is regularly updated.

If you have any questions surrounding Humpty’s Wish List or would like to purchase an item please call Humpty on (02) 9419 2410 for assistance.

We hope you can help grant some of these vital wishes.

BREAST MILK WARMING/THAWING DEVICE: $1,720 1 needed
Auburn Hospital, Special Care Nursery, NSW
For a premature baby, breast milk is especially important to prevent damage to baby’s immature digestive system. This device provides gentle warming, fast thawing and is safe and hygienic. The device ensures there is no overheating of breast milk to preserve nutrients and vitamins.

RAD-5 PULSE OXIMETER WITH SENSOR: $1,760 EACH 15 needed
Barkly Mobile Health Service, Primary Health Care, NT (1)
Bathurst Base Hospital, Paediatric Unit, NSW (2)
Bonya Health Centre, Primary Health Care, NT (1)
Echuca Regional Health, Birth Unit, VIC (1)
Epenarra Health Centre, Primary Health Care, NT (1)
Laramba Health Centre, Primary Health Care, NT (1)
Mt Liebig Health Centre, Primary Health Care, NT (1)
Ntaria Health Centre, Primary Health Care, NT (1)
Nyirripi Health Centre, Primary Health Care, NT (1)
Royal Darwin Hospital, Maternity Ward, NT (1)
Six Mile Health Centre, Primary Health Care, NT (1)
Tara Health Centre, Primary Health Care, NT (1)
Wallace Health Centre, Primary Health Care, NT (1)
Wilora Health Centre, Primary Health Care, NT (1)
Accurate measurement of a pulse rate, oxygen saturation and blood flow is essential in assessing the current status and treatment implications for paediatric patients. The Rad-5 (handheld) allows nurses to record arterial oxygen levels accurately and efficiently and quickly track any changes.
All donations are 100% tax deductible

A plaque recognising your donation will be attached to equipment purchased.

Updated 15 August 2017

PERFUSOR SPACE SYRINGE PUMP: $3,620 1 needed
Royal Darwin Hospital, Women, Children and Youth Ward, NT
Royal Darwin Hospital is in desperate need of these pumps which are a vital part of their new Transport Incubator. Syringe pumps are used to reliably deliver drugs and fluids to children. The pumps are highly accurate and can administer complex dosing via a computer program that staff could not do manually. They reduce the chance of drug error and allow the greatest level of safety and care.

PAEDIATRIC INTUBATION TRAINER MANIKIN: $4,050 1 needed
Katherine Hospital, Paediatric Ward, NT
This manikin will allow medical staff to train on airway management procedures to provide a better level of care for acutely ill children who are at risk of deteriorating. Clinical staff will have the opportunity to practice intubation and therefore reduce error in real life situations.

MR850 HUMIDIFIER: $4,180 1 needed
Shoalhaven District Memorial Hospital, Emergency Department, NSW
Humidifiers keep the air babies breathe moist to prevent the drying out of secretions and nasal passages. Babies suffering from lung infections and chronic bronchitis rely on humidified air and oxygen to breathe restfully, and to clear any recurring respiratory problems.

RADICAL-7 PULSE OXIMETER WITH SENSOR: $4,440 EACH 8 needed
Auburn Hospital, Birth Unit, NSW (2)
Auburn Hospital, Special Care Nursery, NSW (1)
Fairfield Hospital, Paediatric Department, NSW (2)
Lady Cilento Children’s Hospital, (Brisbane) Sleep and Respiratory Department, QLD (1)
Sydney Children’s Hospital, Randwick, Paediatric Department, NSW (2)
By shining a light through the baby’s finger or toe the oximeter measures the amount of oxygen in their capillaries. This 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.

ALS BABY TRAINER: $4,600 1 needed
Liverpool Hospital, Emergency Department, NSW
A portable skill trainer for realistic infant resuscitation training. The manikin is a three-month-old infant with an anatomy that offers exceptional realism, providing the opportunity to practice advanced resuscitation skills, including airway management, professional rescuer CPR, vascular access and 4-lead ECG monitoring.
All donations are 100% tax deductible

JAUNDICE DETECTOR: $4,780 EACH

Auburn Hospital, Maternity Department, NSW (2)
Echuca Regional Health, Maternity Department, VIC (2)
Fairfield Hospital, Paediatric Department, NSW (2)
Manning Hospital, Maternity Ward, NSW (1)
Westmead Hospital, Midwifery, NSW (1)

All babies are checked for jaundice (yellowing of the skin) on a daily basis. This detector is used to help clinicians determine the jaundice levels through the skin without harming the baby. If jaundice is left untreated there is a possibility of cerebral palsy, deafness and/or brain damage.

BILIBED PHOTOTHERAPY SYSTEM: $6,260 EACH

Fairfield Hospital, Paediatric Department, NSW

The Bilibed delivers LED phototherapy to treat babies with jaundice. Jaundice causes yellowing of the skin in up to 80% of premature babies; high levels of jaundice can cause irreversible brain damage. This device allows phototherapy to be carried out whilst in the care of mother on the ward and reduces the need of separation between mother and baby.

ALS BABY TRAINER 200: $7,550 EACH

Casino & District Memorial Hospital, Emergency Department, NSW (1)
Royal Prince Alfred Hospital, Emergency Department, NSW (1)

This is a portable skill trainer equipped with an ECG rhythm simulator for realistic infant resuscitation training. The baby manikin has anatomy that offers exceptional realism for individual training and provides opportunity to practice advanced resuscitation skills. The use of this training equipment will ensure medical staff maintain the skills to ensure best care is provided to paediatric patients.

HUMPTY’S BREATH OF LIFE: $8,500 EACH

Baralaba Multi Purpose Health Service, Emergency Department, QLD (1)
Port Macquarie Base Hospital, Special Care Nursery, NSW (1)

This specially designed Humpty package is life-saving. It includes a Neopuff Infant Resuscitator, Low Flow Bird Blender and an MR850 Humidifier on a mobile stand. ‘Humpty’s Breath of Life’ will provide humidified air during respiratory support to a sick baby or child as well as maintain them on a safe type of ventilation until a transfer arrives.

MEGACODE KID PAEDIATRIC MANIKIN: $10,330

Sydney Children’s Hospital, Randwick, Kids Simulation Centre, NSW

This realistic training manikin features a wide range of advanced paediatric life-saving skills in pre-hospital emergencies. MegaCode Kid has a realistic airway, 1400+ ECGs rhythms, defibrillation and pacing capabilities, and allows drug administration and intravenous infusion to teach emergency skills. Clinical staff will have the opportunity to practice life-saving techniques to reduce error in real life situations.
METANEBS DEVICE: $12,150  
Monash Medical Centre, Physiotherapy Department, VIC  
The MetaNeb is an airway clearance device which provides medicated aerosol combined with continuous positive pressure to assist in holding open and expanding the airways. This vital equipment will benefit children with severe respiratory conditions such as asthma, cystic fibrosis, bronchiectasis, neuromuscular disorders and chest wall trauma from injuries such as burns.

ZOLL DEFFRILLATOR: $12,200 EACH  
Sydney Children's Hospital, Randwick, C2 North Ward, NSW  
This device can make a life-saving difference for patients suffering paediatric cardiac arrest. The Zoll defibrillator/monitor can quickly and easily deliver advanced diagnostic and therapeutic care. The availability of this defibrillator is vital to provide an immediate response to any life threatening cardiac events.

HEMOCHRON BLOOD ANALYSER: $12,950  
The Children's Hospital at Westmead, Operating Suite, NSW  
This blood analyser is a monitoring device, required during and after open heart bypass surgery. It is used to measure the clotting profile of a patient's blood. Measurements obtained, are used by clinicians to adjust medications so the correct rate of clotting can be achieved. It’s vital for care in open heart surgeries and instrumental in the monitoring of the clotting profile of blood during and after surgery, to provide optimal outcomes.

I-STAT ANALYSER: $13,800  
Echuca Regional Health, Maternity Department, VIC  
This portable blood analysis system enables medical staff to perform a wide range of blood tests on children who require frequent tests, such as a child with diabetes. The I-STAT provides health care professionals with the information they need to rapidly make treatment decisions, which may lead to enhanced quality of care and improve outcomes of patients.

GLIDESCOPE: $19,650  
Alice Springs Hospital, Neonatal Unit, NT  
The glidescope is a video guided scope to help facilitate successful intubation in the course of neonatal resuscitation or when a baby is required to be ventilated and requires an endotracheal tube. In Alice Springs there are no neonatologists who are intubating numerous babies every week, but paediatricians who get less practice and a successful intubation is often after numerous attempts. Video guidance during the procedure would improve the success rate on initial attempts to intubate.

All donations are 100% tax deductible

A plaque recognising your donation will be attached to equipment purchased.

Updated 15 August 2017
INTELLIVUE MX450 PATIENT MONITOR: $21,500 EACH
Fairfield Hospital, Paediatric Department, NSW (1)
Frankston Hospital, Special Care Nursery, VIC (1)
Royal North Shore Hospital, Paediatric Ward, NSW (1)
This 12” monitor can record and display a sick child’s pulse/heart rate, blood pressure, breathing rate and oxygen levels. Medical staff are alerted immediately when any of these vital signs change in order to avert a potentially dangerous situation. The monitor displays the child’s vital signs at the bedside, or remotely on a computer at the Nurses Station. The ability to remotely monitor the child’s vital signs promotes sleep and rest and therefore enhances the child’s ability to heal.

INTELLIVUE MX800 PATIENT MONITOR: $22,000 EACH
The Children’s Hospital at Westmead, Grace Centre for Newborn Care, NSW
Babies undergoing critical health care need very close and accurate monitoring to ensure staff have a very clear picture of their condition at all times. This equipment is life-saving as it provides immediate and accurate information about a child’s condition, so staff can provide the appropriate diagnosis and treatment. This MX800 patient monitor is vital and will replace current bedside monitors that no longer interface with other modern medical technology, to provide very best chance for survival and recovery.

TRILOGY VENTILATOR: $22,050
The Children’s Hospital at Westmead, Emergency Department, NSW
This breathing device is essential in helping children transition from the hospital environment to the home setting. This ventilator actually breathes for the child who may have suffered a respiratory problem or spinal injury, it is absolutely life-saving.

NEONATAL INTUBATION FIBERSCOPE: $22,400
Westmead Hospital, Neonatal Intensive Care Unit, NSW
About 10% of newborn babies need assistance to begin breathing at birth. A proportion of these have a problem called “difficult airway”, meaning it is very difficult, even for the most skilled staff, to help such a baby. It is important that a neonatal sized endoscope with light, is available to locate and clear the airway.

COSY CABINET: $25,200
Townsville Hospital, Birth Suite, QLD
This equipment is important for immediate emergency access for babies who require resuscitation in the postnatal ward. The Cosy Cabinet is crucial for maintaining the baby’s vital signs and stabilizing their condition until the appropriate equipment is available to transfer the baby to the neonatal unit. When not required it is hidden in the cabinet, providing a more homely feel to the birthing suite or ward.
All donations are 100% tax deductible

A plaque recognising your donation will be attached to equipment purchased.
Updated 15 August 2017

INFANT SIPAP MACHINE: $26,200 EACH
Royal Darwin Hospital, Neonatal Intensive Care Unit, NT
2 needed
This machine is used on newborns who have severe breathing problems at birth such as hyperventilation syndrome or neurological and muscle diseases such as cystic fibrosis. Synchronized Inspiratory Positive Airway Pressure or SiPAP is a type of non-invasive ventilation that assists a child’s breathing when they inhale. This gives the baby more energy for growth and development.

BABYTERM INFANT WARMER: $27,210
Sydney Children’s Hospital, Randwick, Paediatric Intensive Care Unit, NSW
1 needed
The Babytherm provides a controlled temperature environment with ceramic heater elements and a fully integrated heated gel mattress to ensure the baby is kept warm at all times. This warmer is utilised to keep fragile babies warm whilst undergoing procedures and treatment such as assessment and resuscitation, preventing the baby from cold stress. This equipment is vital.

INTELLIVUE CENTRAL STATION MONITORING SYSTEM: $32,350
Bathurst Base Hospital, Paediatric Unit, NSW
1 needed
Currently Bathurst Base Hospital’s Paediatric Unit does not have a Central Station Monitoring System. This system allows medical staff to view all monitors remotely on a computer at the Nurses Station, and closely observe vital signs of sick babies. Medical staff are alerted immediately when any of these vital signs change in order to avert a potentially dangerous situation. The ability to remotely monitor patients also promotes sleep and rest and therefore enhances the child’s ability to heal.

PANDA NEONATAL RESUSCITATION UNIT: $32,500 EACH
Auburn Hospital, Birth Unit, NSW (1)
Bowral and District Hospital, Birth Unit, NSW (1)
2 needed
This resuscitation unit is vital for providing infants with a purpose built examination bed that includes a warmer and special monitoring device. It can be stocked with other smaller equipment and provides oxygen needed for resuscitation when delivering babies, as well as treating the critically ill. This life-saving equipment will be used on a daily basis.

TECOTHERM NEO: $32,700
Mercy Hospital for Women, Neonatal Intensive Care Unit, VIC
1 needed
This equipment is used to cool babies when receiving treatment for moderate to severe brain injury. It ensures the baby’s temperature remains stable and therefore reduces mortality and neuro-developmental disabilities such as cerebral palsy and cognitive impairments. This equipment is life-saving.
ARCTIC SUN TEMPERATURE MANAGEMENT SYSTEM:  $45,500  1 needed
Gold Coast Hospital, Children’s Critical Care Unit, QLD
Used to cool a child with a brain injury and keep their temperature stable. Alternative solutions such as ice-packs will cool the child, but can’t keep the temperature stable. Cooling the body slows the metabolism and is routinely used during cardiac surgery to protect the brain. In the intensive care unit, cooling is also used to reduce the risk that an injury will lead to a disability. This equipment is vital.

OLYMPIC BRAINZ MONITOR:  $51,400  1 needed
King Edward Memorial Hospital, (Perth) Neonatal Clinical Care Unit, WA
A lack of oxygen at birth can cause severe brain damage. This monitor helps to detect seizures & improve long-term outcomes. Some babies show no outward sign of seizures, however as a precaution they are monitored whilst receiving medication and cooling treatment to prevent any, or further injury to the brain.

T1 PAEDIATRIC TRANSPORT VENTILATOR:  $53,520  1 needed
Lady Cilento Children’s Hospital, (Brisbane) Retrieval Team, QLD
Children with life threatening conditions often need mechanical assistance with breathing. Ventilating babies is very challenging because of their small size. This ventilator is fully capable of ventilating children down to 3kg weight and is a significant technological advance on our current equipment. Better ventilation of severely ill children will speed up their recovery time and free up doctors and nurses to attend to the patients other issues. This transport ventilator combines the functionality of a fully featured intensive care unit ventilator with the compactness and ruggedness required for transport.

BABYLOG VN500 NEONATAL VENTILATOR:  $58,620  1 needed
The Children’s Hospital at Westmead, Grace Centre for Newborn Care, NSW
This enhanced piece of essential equipment is used to care for newborn babies. It provides state-of-the-art ventilation therapy for the sickest babies who may have been born prematurely and need help to breathe normally, or following surgery. This is the latest type of ventilator which has the capacity to assist the most fragile patients. It also provides ultrafast and high frequency oscillation as well as standard conventional ventilation, to aid in the recovery.
BABYLOG VN500 NEONATAL VENTILATOR:  $70,660  
Royal Prince Alfred Hospital, Department of Newborn Care, NSW
This enhanced piece of essential equipment is used to care for newborn babies. It provides state-of-the-art ventilation therapy for the sickest babies who may have been born prematurely and need help to breathe normally, or following surgery. This is the latest type of ventilator which has the capacity to assist the most fragile patients. It also provides ultrafast and high frequency oscillation as well as standard conventional ventilation, to aid in the recovery. This device includes a transport supply unit and trolley.

MINDRAY ULTRASOUND:  $81,050  
The Children’s Hospital at Westmead, Operating Suite, NSW
This device provides clear ultrasound images of a child’s condition during surgery, so that surgical staff can make confident and timely decisions. It is the latest in ultrasound technology for critical care situations. This ultrasound uses soundwaves to provide images of a child’s condition, such as whether they have internal bleeding, or heart function and circulation problems. This equipment is vital to ensure appropriate care is provided to enhance quality of care and improve outcomes of patients.

SPECIAL PROJECTS

CLOWN DOCTORS:  $60,000 – 1 Year (September 2017-August 2018) 
Royal North Shore Hospital, NSW
‘Clown rounds’ are conducted through neonatal, intensive care, burns and oncology wards, bringing humour and happiness to the lives of sick kids. Young patients improve physically and psychologically after encounters with clown performers. It helps children reduce stress levels, calming the child before a procedure and improving their self confidence. This wish will provide for the Clown Doctors to visit kids in need of a dose of humour, once-a-week for 12 months.

The cost of the medical equipment as published by Humpty Dumpty is an accurate estimate of the purchase 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 by Humpty, any surplus will be treated as a donation to Humpty’s general account and will be used to financially support the Foundation.