

Impact Facts

Charitable expenditure highlights for June 2017

act
Addenbrooke's
Charitable Trust

Registered charity number: 1170103

June 2017

A paediatric cardiology simulator

Heart defects at birth are the most common type of birth defects. Early diagnosis and intervention is important. To diagnose heart conditions in babies and children a procedure called echocardiography is used. This uses ultrasound images to create images of the heart, helping the doctor identify potential abnormalities. The only current option for doctors to train is to learn on the babies themselves.

A paediatric cardiology simulator has been funded with £22.5k of charitable funds to allow neonatologists to be trained in echocardiography and removing the need to learn on sick and fragile babies. Other benefits include:

- Improved patient care, improving outcomes in fragile, sick babies
- Education and training, increasing the number of clinicians competent in using Echo and improving patient outcomes and patient care
- Research - simulators will help neonatologists in acquiring precise and fine skills which are vital in high quality research in neonatal haemodynamics (the study of blood flow).
- Training in rarer pathologies. The simulator's software will include rarer pathologies to train doctors who are not cardiologists but routinely carry out ECHOs.



Oscillator - PICU

£23k has been provided by ACT (£20k of which has been fundraised by an ACT supporter) for an oscillator for PICU. The oscillator is primarily used for patients in respiratory distress. When patients are in a situation that requires very high volumes to ventilate them it can damage their lungs which in turn has a significant effect on their outcomes. The oscillator allows the team to ventilate at rapid rates but at much lower pressures. This results in patients recovering well, leading to extubation or stepping down on to conventional ventilation.



iTunes vouchers and iPods

£1,000 of charitable funds were used to buy iTunes vouchers and iPods for radiotherapy patients to distract them when they are having treatment.



Continued...

NeoBLUE Blankets

Neoblue Blankets for the treatment of neonatal jaundice were bought for Paediatric ED using £6,018 of charitable funds.

The blanket is positioned underneath the baby to deliver phototherapy via a blue LED light source & fibre optic blanket.



CD players and CDs for the elderly

ACT has provided a grant of £100 to provide elderly patients in ward G3 with CD players and CDs so that they can listen to music.



Fans to cool patients

£4000 has been released from charitable funds to provide the transplant unit with fans to keep patients cool.

