

# Impact Facts

Charitable expenditure highlights for August 2017

**act**  
**Addenbrooke's  
Charitable Trust**  
Registered charity number: 1170103

September 2017

## Cooling the skin of brain injured patients

The cooling of traumatic brain injured (TBI) patients is an important part of clinical care and may help to reduce the build-up of pressure inside the head, which is strongly linked to long-term disability and death following head injury. Thanks to **£3,500** of funding, the NCCU is trialling the new Arctic Sun Cooling System on its TBI patients.

The Arctic Sun Cooling System is the newest technology available and while the company has loaned the system base; these funds are to purchase the cooling/warming pads. The pads are thin, and shaped to cover areas of the patient's skin. Each pad has an inlet and an outlet connection that attaches to a Fluid Delivery Line. The pads are designed so that water flows across its surface, providing efficient heat transfer between the skin and water.



## Improvements to flooring and nurses station on ward G6

**£45,000** of funding will give ward G6 a new lease of life and reduce patient accidents.

Ward G6 cares for elderly people with a wide variety of medical conditions. Making improvements to the environment will make hospital stays more comfortable for patients, especially those suffering with dementia.

The current shiny flooring throughout the ward will be replaced and have a significant impact for patients, helping to reduce the risk of slips, falls and disorientation. In addition, the unused nurses station will be removed, creating more space for seating and giving patients a chance to get up, improve mobility and sit comfortably with fellow patients or family in a relaxing area away from their bed.



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## Enabling better observation of transplant patients

A **£15,000** contribution from ACT will fund a replacement glass sliding door to the isolation room on the transplant ward. This means that transplant patients (for whom it is necessary to spend some time in high dependence care) can be isolated on the ward, to avoid infections, without the loss of a regular bed as the patient can be observed from the nurses' station.

It is better for patients to receive specialty care on the transplant ward as it will help patient flow in intensive care/ high dependency unit and will reduce the risk of longer stays due to hospital acquired infections.



## Giving support to lower birth weight neonates

**£1,600** of funding will buy a KANMED baby warmer to help babies maintain their core temperature and achieve a normal body temperature.

The KANMED system - through gentle warmth transfer from the mattress to the baby - is able to offer support to neonates at much lower birth weights, outside of an incubator, with similar outcomes to incubator care. The warmer is also designed to help normalise care for parents and carers.

