

## STARTS

# Cumbria firm helps redesign hospital 'crash' cart

## *New innovative design could help save lives lost through cardiac arrest*

Medical IT specialists Savant, has been invited to participate in a radical re-design of the hospital 'crash cart', a common sight in most hospitals and used on patients who go into cardiac arrest. The cart re-design is being carried out by the Helen Hamlyn Research Centre (HHRC) at the Royal College of Art (RCA) and was commissioned by the National Patient Safety Agency (NPSA) to deal with the fact that out of 40,000 cardiac arrests which occur in UK hospital each year, less than 19% of patients survive.

One of the key factors in the low survival rate is items not being easily accessible or readily available on the cart. The new design will make items easier to get hold of, prevent the ad-hoc removal of items and clearly show when essential items are low stocked or missing.

Savant's part in the project is to review and recommend the part technology can play in the success of the 'crash cart' – to be known as Resus:Station.

Glyn Jones, Business Development Manager for Savant explains: "We believe that intelligent use of technology can further improve the chances of patient survival by providing online proactive stock monitoring and task management. Our solution can help minimise human error, reduce paperwork and allow the crash carts to be centrally monitored."

In essence, Savant's technology solution involves a range of features and options including:

- Personal Digital Assistant (PDA) devices to be carried by nominated hospital staff.
- PDA alerts can be sent from the cart when stock levels need to be checked or updated.
- A live tracking option makes sure medical teams know where each Resus:Station is located at all times.

The Resus:Station is currently undergoing a vigorous hospital trial and early indications are extremely positive.

## ENDS

## Editor's Notes

Savant has been implementing innovative IT solutions for over 25 years. The company is the driving force behind the award winning Pulse system and other medical applications such as MediRisk and EuroSDS.

For further information, please contact:

### Editor's Contact

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### Pictures

The low resolution picture below is available in a high resolution format. Please contact Jackie Harris above if this is of interest.

In addition, if you would like to send your own photographer, can arrange a convenient time and place.

Glyn Jones of Savant is also available for interview. Please contact Jackie Harris above, to arrange a suitable time and date.



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