



**PATIENT SAFETY**  
AWARDS 2020

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**HSJ**

**PROJECT SHOWCASE**

# BEST EMERGING SOLUTION FOR PATIENT SAFETY

WINNER



## FOCUS GAMES AND NHS PARTNERS FLUBEE GAME

Engaging with staff is the starting point for any vaccination campaign. This especially important for staff with doubts about flu or the vaccine.

In 2016 Focus Games worked with Joan Pons Laplana and James Paget University Hospitals to develop a digital game that would engage staff and challenge common myths. It was called Flu Bee Game.

The game improves vaccine uptake by engaging staff on their phone. It does two vital jobs:

1. Challenges common misconceptions
2. Tells staff where to get vaccinated

Since 2016 the game has been used in over 40 NHS trusts and 300 care homes.

### JUDGES COMMENTS

*Judges said that this was a fantastic innovation, demonstrating clear staff safety improvements and value creation, and how a small idea can have big results. It is no wonder that it has proven popular with the Scottish Government, who have now bought it for use across Scotland, and it is also impressive that they are planning to include a potential Covid vaccine in the future. Overall, a creative proposition that is timely in going 'viral' with a broad population wide benefit.*



# BEST EMERGING SOLUTION FOR PATIENT SAFETY

## HIGHLY COMMENDED



**South Tyneside and Sunderland FT in collaboration with Newcastle upon Tyne Hospitals FT and North East and North Cumbria AHSN**  
**BeatAsthma+: A Health Promotion Initiative to Identify and Manage High Risk Children with Asthma and to provide a structured Education Package for Families in Primary Care**

The UK has the highest Paediatric asthma mortality rate in Europe. The National Review of Asthma Deaths (NRAD) concluded that 46% are preventable. We have developed a Paediatric Emergency Department Asthma Assessment Tool (PEDAAT), using NRAD Standards, to identify high-risk children with asthma. PEDAAT has combined with BReATHE (Beating Regional Asthma through Health Education) to create BeatAsthma+, a Primary Health Improvement Initiative, which enables early identification, management and treatment and delivers an education programme to families ([www.beatasthma.co.uk](http://www.beatasthma.co.uk)). PEDAAT captured 100% of high-risk children, reduced PED attendances (62%) and inpatient stays (71%). BReATHE reduced hospital admissions (29%) and improved Asthma Control Test score (6 points). BeatAsthma+ will save lives.

### JUDGES COMMENTS

*This is a great example of system working for patient safety, and it is fantastic to see a successful innovation continuing to be developed over time. Clearly paediatric asthma care is complex, and the team have strengthened their approach by combining two strategies to form Beat Asthma+ with more impressive data. The stakeholder engagement and outcomes data are particularly impressive. A truly commendable piece of work with potential for national spread.*

## FINALISTS



**Alder Hey Children's FT**  
**Early detection of deterioration in children in hospital to prevent critical care transfer: The DETECT Study**

Missed or late identification of deterioration in children in hospital results in unplanned admission to critical care, with associated morbidity and mortality.

System C, in collaboration with Alder Hey Children's NHS Foundation Trust, developed an age-specific electronic solution that uses the CareFlow Vitals platform and Connect mobile applications to pro-actively monitor, detect, escalate and track the response to deterioration in hospitalised children. It incorporates the Alder Hey Paediatric Early Warning Score, which has been iteratively developed at Alder Hey, using statistical methods and published reference ranges. Once signs of deterioration have been detected, the app provides real-time alerts and key data to the responsible clinical teams and ward leaders, about the sickest children, so that care can be augmented.



**Healthier Lancashire and South Cumbria ICS**  
**WellPRES: Digital Solution for enhanced delivery of coordinated care and self management**

WellPRES is a patient-centric solution, designed to support clinicians to deliver quality care, as well as empowering patients to co-manage their health condition(s) along a managed care pathway.

The solution has been co-designed by patients, clinicians, and technology providers etc., through a programme of engagement workshops. WellPRES was implemented across the Lancashire and South Cumbria region in October 2019. The recent integration of WellPRES with our Local Person Record Exchange Service (LPRES) enables clinicians to access their patient's wider clinical documents securely, and link these to their patient's care records. This will reduce duplication, human errors, economise staffs' time helping to ensure data integrity. These improvements have had a significantly positive effect on Patient Safety.

# BEST EMERGING SOLUTION FOR PATIENT SAFETY

## FINALISTS



### Northumbria Healthcare FT Berwick Dementia Aid

Inpatient falls cost the NHS around £630 million per year. Walking aids when used appropriately can reduce the risk of falls and improve independence. The goal was to try and reduce the number of falls in patients with dementia by finding ways to improve the utilisation of walking aids. Several hospitals have explored the use of red Zimmer frames to aid patients with dementia with NHS Forth Valley finding that this improved usage of the walking aid from 18-61%. The team explored cost effective ways in which a contrasting colour could be added to the patients existing Zimmer frame, and designed a red clip that can be attached to a patients existing Zimmer frame to improve the use of the walking aid and reduce falls.



### Royal Free London Hospital FT Translational Simulation in Robotic Surgery: Development of an Emergency De-Docking Algorithm

The team developed a cardiac arrest de-docking algorithm following human factors principles, using iterative testing with point of care simulated crisis scenarios with multidisciplinary operating room personnel.

This novel approach to designing an algorithm follows Safety II principles and is fundamental if new technologies are to be integrated safely into an established healthcare system. The template algorithm can be easily adapted to other operating theatres.



### Southern Health and Social Care Trust Implantable Loop Recorders: Improving timeliness of treatments

Within the Cardiology service patients waited greater than twelve months for insertion of ILR (implantable loop recorder) implant.

The project aimed to increase the capacity to implant a greater number of Loop Recorders per week, increase the knowledge and skills of the team, improve the timeliness of patient care by training Cardiac Physiologists in the insertion of ILRs, and reduce costs of procedure. Patient safety was the over-arching priority; having the Loop Recorders implanted in a timely manner to ensure the service users were being monitored appropriately.



# Thank you to our partners

Strategic Partner



**BD**

Key Partner

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