

# IT & DIGITAL INNOVATION AWARD

## WINNERS

### FOCUS GAMES AND NHS PARTNERS FLUBEE GAME

The Flu Bee Game is designed to improve vaccination rates by engaging, educating and encouraging staff to get vaccinated. The game presents flu facts, busts vaccine myths and tells players where and how they can get vaccinated in their organisation.

The game is an HTML5 web app with a supporting website. The game works on any device through a web browser and only takes a few minutes to play.

#### JUDGES COMMENTS

The judges felt that this was an almost perfect example of one member of staff taking their passion to solve a local issue and producing something which has the potential to have a global impact. So far they have spread across 40 trusts and 300 more care homes, using an interactive app as well social media to engage users across all settings. The outcomes from the Flu Bee digital app are truly impressive.

## HIGHLY COMMENDED

### Crawley CCG

#### Early identification of patients reaching end of life - a Digital decision tool

According to the World Health Organization (WHO) definition, palliative care should be initiated in an early phase and not be restricted to terminal care. In the literature, as yet no validated tools predicting the optimal timing for initiating palliative care have been determined.

The CCGs EOL team working in partnership with Docobo, Primary, Hospice & Community Care, have created a web based digital approach to enable early identification of patients in Primary Care who may be in the last 12 months of their life. The tool is web based, designed for intuitive navigation by end user, and regularly updated.

#### JUDGES COMMENTS

The judges found this to be an impressive collaboration between CCGs and an industry provider. Whilst the project had a clear patient-centric focus, it also produced better cost and service delivery outcomes. The project was truly clinically led and collaborative, ensuring close engagement with patients and carers.

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## FINALISTS

### Cambridge University Hospitals FT

#### eHospital - joined-up healthcare for our patients

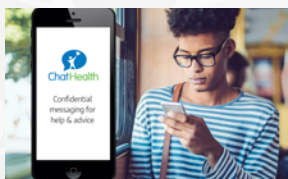
At Cambridge University Hospitals we recognise the importance of accurate and timely access to clinical information – for patients themselves, for our hospital clinicians, for a patient’s primary care providers and for other hospitals involved in a patient’s care – but the timely sharing of records has been challenging across the NHS. Working collaboratively with our patients, clinicians and healthcare partners, and utilising the unique skills of our in-house eHospital digital division to configure integrated capabilities of our electronic patient record, we are successfully overcoming this national challenge and sharing clinical records digitally, in real-time; benefitting our patients locally, nationally and internationally.

### Derbyshire Community Health Services FT

#### Digitising end-to-end immunisation and vaccination systems to reduce clinical and administrative burden, improve service delivery and parents/schools experience

Derbyshire Community Health Services (DCHS) school immunisation team delivers protective vaccinations to pupils attending the 98 secondary schools and 464 primary schools in Derby and Derbyshire each academic year.

This project was designed to digitise immunisation process through which parents/carers give consent for children/young people to receive vaccinations by embracing technology. Traditionally this was a time-consuming paper based process which relied heavily on engagement with clinical staff, schools, children and their parents. The project sought to increase the effectiveness of service delivery, reduce time and resources wasted, reduce clinical risks and enhance information governance arrangements for all.



### Leicestershire Partnership Trust

#### ChatHealth

The ChatHealth team is better safeguarding thousands more hard-to-reach vulnerable young service-users and families across the UK. We help NHS teams set-up confidential

messaging helplines using our safe and secure text platform and our well-evidenced clinical models.

Travelling the country to engage other public-health nursing services, we’ve fast-tracked diffusion of proven innovation to more than 70 healthcare teams – achieving 100% ubiquitous spread in some regions.

Access to help/information is now easier for over 3-million people and outcomes are improving for over-stretched professional teams, now able to provide blanket first-line support for whole populations with just one of their duty nurses.

### NHS London Procurement Partnership

#### NHS Temporary Staffing Bank and Agency Spend Dashboards

NHS London Procurement Partnership (LPP) manages £580m spend annually (£261m alone from London members) on the NHS National Clinical Staffing framework, comprising 365 agencies.

NHS LPP recognised the value of better visualisation of supplier spend management information and trust bank spend, in order that we and our member trusts can understand trends and behaviours in terms of:-

- Cost/ rate cap breaches;
- Use of bank versus agency;
- Risk/compliance;
- Overall market/ demand management.

On-line analytical dashboards, free to our members, enable instant visibility/analysis of all types of temporary clinical staffing activity, informing collaboration between key stakeholders both within trusts and across STPs/regions.



### Royal Free London FT

#### Improving Joy at Work - Electronic Self Rostering

Turnover for nurses and midwives was high across the Trust but highest in the intensive care units. A quality improvement project was undertaken to understand the reasons why.

Clinical staff focus groups identified flexibility and choice regarding shifts would improve work-life balance, promote roster fairness and increase their joy at work.

The implementation of electronic self rostering was key to offering staff shift flexibility and choice. This new way of working improved communication, enhanced staff work life balance, released time to care and improved staff recruitment and retention supporting safer patient care.

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## FINALISTS



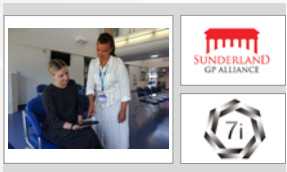
### **South, Central and West CSU** Development, delivery, and support of multiple major integrated care record and interoperability programmes

“I could not do without it”

Driving forward the effective use of digital technologies to revolutionise citizens and staff experiences, SCW CSU is working in collaboration with multiple stakeholder organisations to develop and deploy multiple shared care records.

Covering a population of 3 million+ these shared care records support the delivery of safer and faster care by providing the right information at the right time in the right place to the right person. These records enable better quality care provision, reduce service cost and support better decision-making and commissioning.

“It’s fantastic ... allowing continuity of care, and minimising repeat investigations”



### **Sunderland GP Alliance and 7i Group** Voice of the Patient

The Voice of the Patient is a collaboration between the Sunderland GP Alliance and 7i Group Ltd, running since September-2018, to evaluate patient experience of the Extended

Access Service (EAS) commissioned by Sunderland CCG. Sunderland has a population of 281,500 people. The patients visiting are predominantly working during core GP opening hours and would struggle to access an appointment. The patients evaluated EAS, providing an improved access to primary care, to demonstrate impact. The data are aligned to KPIs to maintain funding for the service, supporting improved access to GP, and provided invaluable behavioural insight encouraging improvement in urgent-care delivery.

### **Univeristy Hospitals Coventry and Warwickshire Trust** Digital Empowerment for Patients with Diabetic Foot Disease; A Topol Fellowship Project

Ten percent of people with diabetes will develop a foot ulcer and 50% with an ulcer die within 5-years. Diabetic foot disease costs the NHS >£1.13billion annually.

In the Coventry region >230 people were being admitted for foot disease annually, with 20 amputations and 27% readmission rates.

Foot care models nationally have been slow to innovate and leverage benefits of digital. University Hospitals Coventry & Warwickshire NHS Trust have collaboratively designed, implemented and disseminated the first patient-led cloud-based digital photography foot disease tool, which is free to use and empowers patients to act as the keystone in management of their disease.

### **University Hospital Southampton FT** digiRounds

digiRounds is an in-house designed app and technology innovated entirely within the NHS by UHS Digital who worked closely with a critical care consultant, the clinical lead, and the critical care team. Care teams can see valuable patient information needed to carry out a ward round, in a concise format and is used on a mobile touchscreen device.

Designed for clinicians to access up to date patient information in a user-intuitive manner, which can also be accessed from home.

digiRounds is an example of integration which pulls data from all Trust systems, databases and is shown in a standardised view.