



EIP ON AHA



ADOPTION AWARDS

REWARDING THE ADOPTERS OF CUTTING-EDGE TECHNOLOGY
IN ACTIVE AND HEALTHY AGEING

25 February 2020 Barcelona @4YFN

eiponaha.eu/I2M

FINALISTS

ADOPTION AWARDS

REWARDING THE ADOPTERS OF CUTTING-EDGE TECHNOLOGY
IN ACTIVE AND HEALTHY AGEING

25 February 2020 Barcelona @4YFN

eiponaha.eu/I2M

GALICIAN HEALTHCARE SERVICE & DXC TECHNOLOGY

OVERVIEW

E-Saúde is an open platform for eHealth digital service integration. It offers secure services for bidirectional communication between patients and healthcare professionals: access to information, digital imaging and a new channel for the patient to interact with and send information to healthcare professionals.

ABOUT SERGAS

SERGAS is the public healthcare provider for the population of Galicia (Spain) with 14 hospitals, 483 primary care centres and 111 emergency centres.

ABOUT DXC TECH

DXC is a global company with +50 years of delivering healthcare IT.
www.dxc.technology/healthcare

INITIAL PROBLEM

Need: patient empowerment

- Provide a secure single access point for patient self-access to ehealth services: clinical reports, imaging studies, appointments, medication information, telemonitoring services, etc.
- Implement a mechanism for parents accessing their children clinical information and an access point for caregivers should they access elderly people's clinical information.
- Create a meeting point for patient associations, healthcare professionals and patients.
- Solution should prove sustainable to scale to 2.7M users, 25% of them being over 65 years old

SOLUTION

E-SAUDE

- E-Saúde is a mHealth solution implementing an HTML 5.0 patient portal that gathers a number of integrated Health Digital Services and Resources in one single access point.
- Patients get direct access to their medical record information both from Primary and Hospital care: +50 types of documents are available, including Electronic Health Record summary, Discharge and Diagnostic Reports (labs or radiology), screening results or vaccines reports, medication prescription.
- Other features: Set appointments with general practitioner or nurse; access to the e-consulting primary care services (to talk to their doctor); information about available health resources in the immediate geographical environment

IMPACT

- +100k users
- +2.7M clinical studies downloaded
- +47k authenticated access by caretakers
- +30k visits to Health information pages
- 78 virtual communities lead by SERGAS professionals and patient associations
- 1,800 users of virtual communities

ADOPTION AWARDS

REWARDING THE ADOPTERS OF CUTTING-EDGE TECHNOLOGY
IN ACTIVE AND HEALTHY AGEING

25 February 2020 Barcelona @4YFN

eiponaha.eu/I2M

NHS LIVERPOOL CCG & DOCOBO

OVERVIEW

Telehealth for patients with chronic obstructive pulmonary disease (COPD) to monitor symptoms remotely and help patients to manage their health at home under the supervision of experienced clinicians

ABOUT NHS LIVERPOOL

NHS Liverpool Clinical Commissioning Group (LCCG) is made up of all 86 General Practices in the City of Liverpool with responsibility for investing a €1.5 billion annual budget on hospital and community health services, in a way which ensures the most effective services are available.

ABOUT DOCOBO

Docobo provides medical-grade digital health solutions that fully support integrated care, business intelligence and remote home management of patients with long-term conditions.
www.docobo.co.uk

INITIAL PROBLEM

Need: supporting COPD patients

- 2/3 of the population live in the most deprived neighbourhoods nationally and experience worse health outcomes
- Liverpool mortality rate is 25% higher than the national average
- Premature mortality rates for respiratory disease are statistically significantly higher than nationally: 12 people die from respiratory diseases every week, around 650 deaths each year
- 3 out of every 5 premature deaths from respiratory disease in the city are preventable
- In most cases, COPD admissions are emergencies and 70% are preventable with appropriate early interventions

SOLUTION

IT supported health service at scale

A new pathway was developed including:

- Risk stratification of patients to identify those who would be able to self-care with technology
- Education (of patients and informal carers) about COPD, its treatment and management including lifestyle and medication
- Training in the use of technology to support condition management
- Installation of equipment by the technology provider and "activation" of package by patient, supported by their lead clinician
- Clinical hub, staffed by NHS community nursing service, providing advice and support, and monitoring incoming data.

IMPACT

- 90% of patients feel more in control, have gained confidence and/or feel better able to cope with their condition
- 52% of patients report an improvement in lifestyle and 79% improved health or better health management
- Emergency hospital admissions and secondary care costs in comparison with a control group have reduced by 22% to 32% for patients with above average risk (25% or more)
- Nursing ratios for the patient cohort has reduced from 1 nurse to 35 patients to 1 nurse to over 200 patients.

ADOPTION AWARDS

REWARDING THE ADOPTERS OF CUTTING-EDGE TECHNOLOGY
IN ACTIVE AND HEALTHY AGEING

25 February 2020 Barcelona @4YFN

eiponaha.eu/I2M

SCOTTISH DIGITAL HEALTH & CARE DIRECTORATE

& ATTEND ANYWHERE

OVERVIEW

Using the Attend Anywhere platform, patients are offered a video appointment either from home or a local NHS centre. The service was first developed within the Caithness area which is a 3 hour drive from the main hospital.

ABOUT DIGITAL HEALTH DIRECTORATE

Our vision is that Scotland is an international leader in Technology Enabled Care, supporting more people to live longer, healthier lives at home or in community settings.

ABOUT ATTEND ANYWHERE

Attend Anywhere collaborates with clinicians, patients, medical colleges, universities, healthcare providers, governments, NGAs, and others to bring the benefits of mainstream video call access to healthcare
<https://www.attendanywhere.com/>

INITIAL PROBLEM

Need: video conferencing solutions

- Using traditional video conferencing solutions to provide direct care to patients and service users in their own homes proved difficult to scale.
- This was due to a number of factors including an inability to support the clinical workflow and systems that were difficult for members of the public to use
- The potential benefits of video consulting for home or a local centre were well recognised: a reduction in patient travel and staff travel; ability to redesign clinical pathways and provide more flexibility (allowing clinicians to work remotely); reducing 'health miles' (it is estimated that a single outpatient clinic in Aberdeen results in around 750,000 miles of road travel.)

SOLUTION

NHS Near Me / Attend Anywhere

- Attend Anywhere represents both a collaboration, and a decentralised model for integrating video consultations into everyday clinical practice in a way that is painless for clinic staff, easy for patients, scalable, and sustainable.
- The Platform is entirely web-based, combining all the value of modern open source, peer-to-peer video technology, with sophisticated management tools, and resources to support effective use.
- Patients can access their regular or referred clinician via a video call using just a web browser as normal day-to-day activity, with no additional effort for themselves or staff.

IMPACT

- Within Caithness, 10% of outpatient activity was switched from travelling to the main hospital to attending via NHS Near Me locally. The service is now being spread across NHS Highland. There are currently 32 clinical specialties providing video appointments.
- A total of 217 active clinics are delivering around 1,000 consultations per month.
- 3,040 appointments have been provided by NHS Near Me, saving 350,000 travel miles a year and 68 tons of CO2.
- 98% of users said they would use the system again