



Real Time Patient Status & Early Warning

SBRI Phase 1 Recipients – Cancer & Patient Safety

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ISANSYS

A new kind of healthcare company combining healthcare services, medical devices and IT platforms to provide healthcare providers with a no-fuss way to monitor patients better and spot deteriorations early.

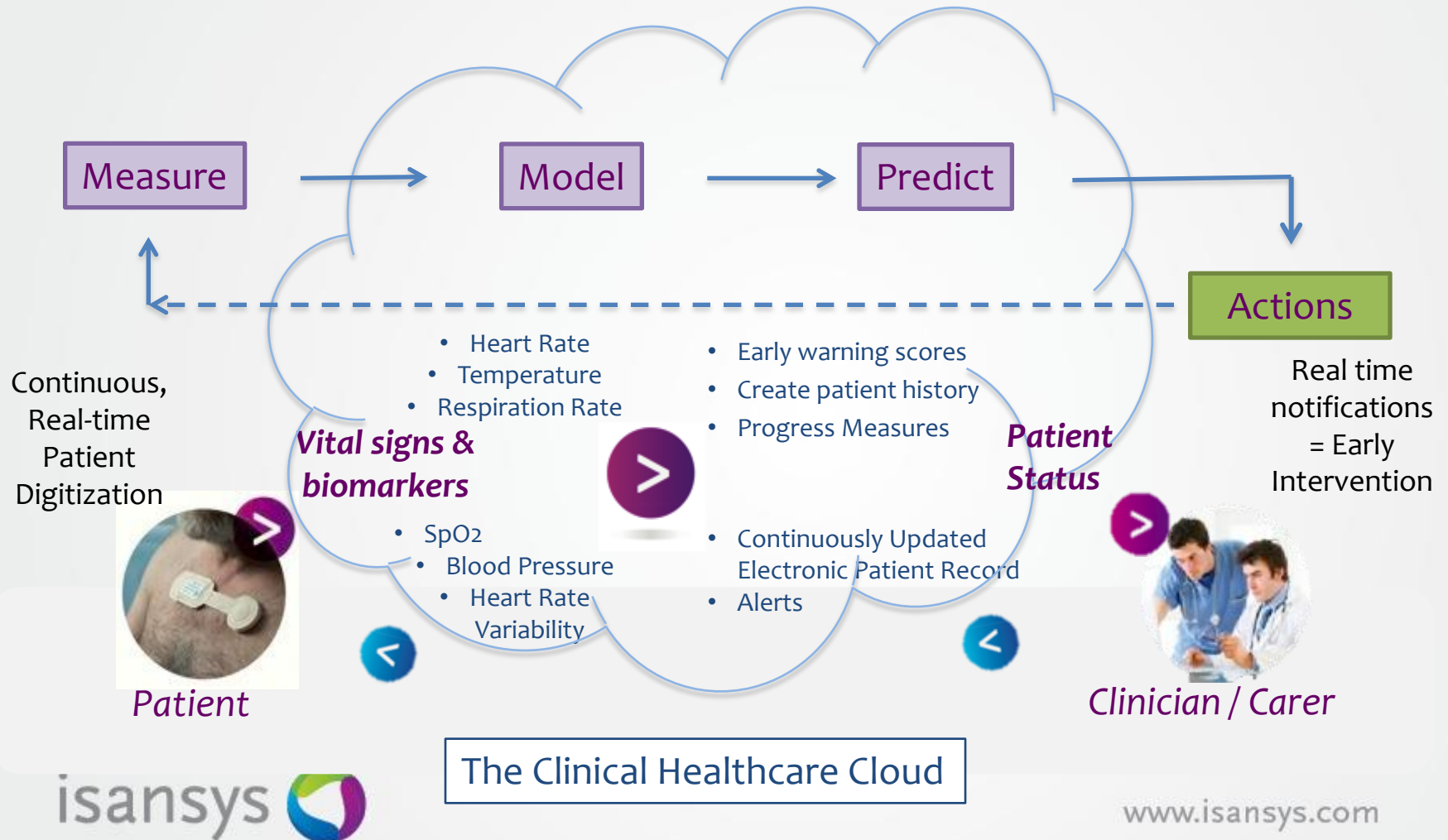
- Established in 2010 by experienced professionals with a clear vision
- Located at Milton Park, Oxfordshire, small team in India (Large & unfulfilled market)
- Small but world class technical, regulatory and business team. Excellent clinical connections
- Total 12 staff in UK
- Private funded (Founders and Angels)

Currently working with a number of NHS trusts to pilot different applications of early warning systems.



PATIENT STATUS & EARLY WARNING PLATFORM

TECHNOLOGY & APPLICATIONS



Our Philosophy – the disappearing device

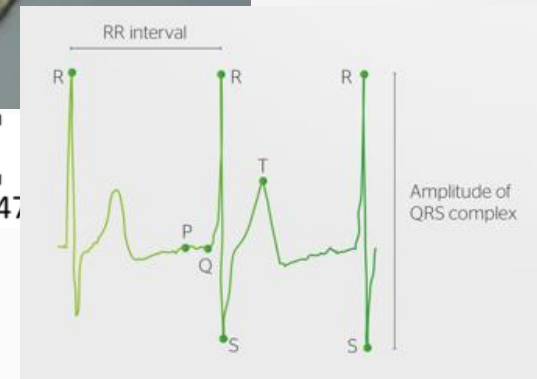
All about the data and analytics
The devices are the means to collect data and shouldn't be expensive

It should :

- Collect data reliably, securely and accurately
- Provide useful clinical data
- Be simple to use

And then.....

- Disappear in size*
- Disappear in cost*
- Disappear in complexity*
- Disappear into the Cloud*



The Lifetouch Sensor

- Monitors every heart beat
- Analyses the ECG signal
- Calculates Heart Rate
- Calculates Respiration Rate
- Provides real time Heart Rate Variability
- ECG on demand
- Patented and recyclable
- Upgrade and repurposing for paediatric use (Smart Project 2013/14)

SBRI CONTRACTS AWARDED

Both contracted with Papworth NHS Trust, £100k each phase 1

Every Patient Monitored: An expansion of Isansys Patient Status Engine (PSE) to enable a scalable, low cost multiple vital sign patient-data acquisition and analysis platform, for rapid early detection of deterioration and avoidance of adverse events

Patient safety category

Early Detection of Sepsis in the Community: A repurposing and extension of the Isansys Patient Status Engine (PSE) for early detection of sepsis to avoid hospital admission through primary care interventions for cancer patients undergoing chemotherapy

Cancer category

BENEFITS TO ISANSYS?

MANY!

- ✓ 100% funded technical and clinical development programmes
- ✓ The customer - the NHS - is the focus. Contracts with Papworth NHS Trust
- ✓ Speed up of key technology that can be used in many applications of our platform
- ✓ Significant increased in the size and quality of our team – opened up 5 new positions
- ✓ Increased awareness of the company and our products, leading to a great deal of interest from other technology suppliers and system integrators who would like to partner with us
- ✓ increased interest and credibility with future investors
- ✓ Exposure to and increased credibility with prospective customers, particularly those in the NHS

EXPERIENCE OF SBRI PROCESS & TIPS

- ✓ Straightforward, transparent and easy to follow application process
- ✓ The SBRI team are interested, accessible and helpful - and we know who they are!
- ✓ 100% funding is very nice!
- ✓ Light touch project monitoring.
- ✓ Project reporting requirements are appropriate for the size of the projects and the company's management resources (i.e. not overly onerous or bureaucratic
- ✓ Focus is on getting new products and technology into the NHS to improve care and reduce inefficiency
- ✓ Far and away the best funding mechanism I have ever seen!