



SBRI Healthcare Funding Fact Sheet

SBRI Healthcare Awards Funding of £12.7 Million to a Record 44 Companies in UK Government Backed Programme - Largest number of companies to date will benefit under the SBRI Healthcare programme to develop innovative solutions towards better health outcomes

Supplementary information

Competition SBRI 4: Improving the Patient Experience

Phase 2 funding - prototype development are worth up to £1 million over one year

Companies funded = 5

Total Amount = **£2.9M**

Mental Health

Advanced Digital Innovations (UK) Ltd	Developing a suite of self-help digital products to support people with chronic pain, enabling both patient and practitioner to have a balanced step-wise process to self-assess, self-manage, and self-monitor changes in pain via for example, a mobile phone app.
Handaxe Limited	Developing gNats Island, a therapeutic computer game and mobile apps that integrate Cognitive Behavioural Therapy (CBT) and supports an evidence-based intervention for young adolescents experiencing depression and anxiety.
Big White Wall Ltd	Developing a digital mental health and wellbeing service which delivers personalised pathways to recovery through a choice of safe therapeutic services, available from home 24 hours a day, 7 days a week.

End of Life

Dynamic Health Systems Consulting LLP	Developing VitruCare™ in association with Sue Ryder, an Internet delivered supported self-care service for people with long-term conditions which offers substantial improvement in the quality and efficiency of care, together with an improved sense of personal control at the end of life.
Docobo Ltd	Developing OptNIVent in association with Aintree University Hospital, remote respiration management for patients prescribed with Non-Invasive Ventilation (NIV). Using technology to help clinicians deliver more frequent assessment and reviews of NIV for patients, the project is focused on patients with Motor Neurone Disease with the objective of making their lives, and the lives of those around them, more comfortable.

Competition SBRI 5: Improving Patient Outcomes

Phase 1 funding - feasibility testing, valued at up to £100,000 and last for six months.

Companies funded = 34

Total Amount = **£3.4M**

Cancer - Category sponsored by UCL & Imperial AHSN

Oncascan Ltd	Developing a cancer diagnostic test allowing earlier positive or negative selection of cancer patients before embarking on invasive investigations.
Owlstone Ltd	Developing a non-invasive screening device for detecting early stage lung cancer.
Astrimmune Ltd	Developing a diagnostic test for pancreatic and other gastrointestinal cancers based on detection of shed tumour cells in the blood.
Isansys Lifecare Limited	Developing a method for early detection of sepsis in the community to avoid hospital admission through primary care interventions for cancer patients undergoing chemotherapy.

Cardiovascular - Category sponsored by North West Coast & Greater Manchester AHSN

Spintech Ltd	Developing anatomically shaped disposable compression garments which retain compression levels during the life of the product.
Cardiocity Limited	Developing a patient screening technology that combines cardio- and vascular- screening in a single system (C2VS) with no wires or electrodes.
Plessey Semiconductors Limited	Developing imPulse, a low cost, easy to use, lead-one ECG device, to assist primary care staff identify arrhythmias and improve long term management of cardiovascular disease and secondary prevention.
SilverCloud Health Ltd	Developing an online platform to support self-management of symptoms and promote wellbeing of people with cardiovascular disease (CVD).
Docobo Ltd	Developing Aegle, a remote monitoring technology delivering individual care plans and patient tracking to improve cardiovascular disease outcomes in Primary Care.

COPD - Category sponsored by Wessex & Kent, Surrey & Sussex AHSN

Aseptika Ltd	Developing a wrist-worn device to solve the problems of continuous monitoring of oxygen levels in COPD patients, motivating physical activity and recording food/liquid intake.
Team Consulting Limited	Developing a high performance and low cost capsule inhaler for the treatment of COPD.
Glyconics Ltd	Developing the use of Fourier-Transforming Infrared Spectroscopy (FTIR) as a non-invasive new approach to accurate COPD diagnosis.
Cambridge Respiratory Innovations Limited	Developing an inexpensive COPD home monitoring and treatment management device based on levels of exhaled carbon dioxide measured using III-V mid infrared LEDs.
HealthQuest Solutions Ltd	Developing myCOPD, a web based self-management system for patients with COPD to help understand their condition, react

to changes in their symptoms and reduce exacerbation frequency.

Diabetes - Category sponsored by Oxford & South London AHSN

Oxford Medical Diagnostics Ltd	Developing a non-invasive home based warning device for breath ketone analysis in diabetes management.
PsychologyOnline.co.uk Ltd	Developing the use of online text delivered cognitive behavioural therapy to provide integrated diabetes and psychological care in treatment of people with type 1 diabetes.
GB Electronics (UK) Ltd	Developing a cost-effective thermal perception screening and monitoring device for early detection and long-term management of Diabetes Peripheral Neuropathy to reduce the impact on healthcare services and patients' quality of life.
i2r Medical Ltd	Developing a wound healing device for the treatment of early stage diabetic foot ulcers to prevent infection and subsequent complications including amputations.
Inotec AMD Limited	Developing a novel topical oxygen therapy for diabetic foot ulcers with superior healing properties and pain reduction.
ICNH Ltd	Developing DrDoctor, an online application for chronic disease management focusing on Diabetes Year of Care.

Mental Health - Category sponsored by East Midlands AHSN

Mayden House Ltd	Developing an online psychological therapies referral and treatment hub.
P1vital Ltd	Developing the P1vital® Oxford Emotional Test Battery (ETB), an easy to use, low cost, computerised assessment tool for managing the treatment of depression.
ProReal Limited	Applying proven avatar-based virtual world software platform for use in the treatment of specific mental health conditions.
IXICO plc	Developing MyBrainBook a secure web system for facilitated self-management of dementia using social and clinical networks.

Patient Safety - Category sponsored by West of England & South West Peninsula AHSN

ViVO Smart Medical Devices Limited	Developing Pupiloscope, a novel device for the identification, assessment and monitoring of head injuries.
Doctor Communications Solutions Ltd	Developing ICU Patient Safety and Patient Monitoring system which combines real-time alerting of deteriorating conditions with faster, easier collaboration between healthcare teams using social networking principles.
The Learning Clinic Ltd / Alder Hey Children's NHS Foundation Trust	Implementing I.M.P.Act study_ Improving Monitoring in Paediatrics & Action
Isansys Lifecare Limited	Developing "Every patient monitored", a scalable, low-cost multiple vital sign patient-data acquisition and analysis platform for rapid early detection of patient deterioration and avoidance of adverse events.
Veraz Ltd	Developing Care Tracker, an automatic care quality assurance system which empowers patients and reinforces good practice through monitoring of interactions between patients, their surroundings, and healthcare workers.

Research Tools - Category sponsored by Eastern AHSN

TwistDx Ltd	Developing urine processing hardware for rapid, point of care testing of Chlamydia.
Capillary Film Technology Ltd	Developing affordable microfluidic assays for rapid measurement of acute cardiovascular disease biomarkers at the point of care.
Lightpoint Medical Ltd	Developing a hand-held molecular imaging fibrescope for real-time, intra-operative detection of cancer.
St George's University of London	Developing innovative reagents for improving rapid diagnosis of mycobacterial infections.

Competition SBRI 6

Phase 3 funding - product adoption and validation in NHS settings, up to a further £1 million over 12 months.

Companies funded = 8

Total Amount = **£6.4M**

Aseptika Ltd	Pre-Commercialisation of an integrated self-management solution with on-ward and at home sputum test platform for patients with long-term respiratory conditions suffering from chronic infection with <i>Pseudomonas aeruginosa</i> .
Just Checking Limited	Maximising independence and cost-efficiency for people with learning disabilities. Commencing a 12 month project to measure the improvements in care and care delivery for people with learning disabilities using technology to monitor activity patterns.
OBS Medical Limited	Piloting Visensia Mobile, to improve patient safety and outcomes through the early detection of patient deterioration and instability. Continuous multi-dimensional monitoring in the form of a single index (VSI) of patients status via non-invasive measurement of Heart Rate, SpO2 and derived Respiration Rate from the PPG waveform.
PolyPhotonix Ltd	Piloting Noctura 400, a Sleep Mask for the prevention and treatment of Diabetic Retinopathy, this is a home-based, primary care, non-invasive, monitored therapy, and will be delivered at a fraction of the current treatment cost.
Halliday James Ltd	Piloting AUTO-MOTIVE which uses sensors to measure a range of activities such as walking, sleeping, travelling and socialising. Changes in the pattern of these activities have been shown to indicate a change in mood which could be due to the start of a manic or depressive episode in Bipolar Disorder. This can be fed back to the user as part of their self-management programme or sent to a therapist or clinician.
Rapid Rhythm Ltd	Economic validation and accelerated adoption of a rapid one-step ECG handset device to replace traditional 12 Lead ECG for use in Primary Care, Acute and Hyper Acute Care.
Veraz Ltd	Trial and adoption of the Green Badge System, a suite of technologies for monitoring and improving hand hygiene compliance in healthcare.
Fuel 3D Technologies Limited	Specialist Clinician led modification and validation of the existing Eykona Wound Measurement System to produce a general medical imaging system increasing the therapy applications for wider adoption in the NHS and international healthcare markets.

For further information: www.sbrihealthcare.co.uk

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