

Key:	On Track, low risk	Variations, Monitoring Required	SBRI Support Needed (FAR & Board)
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Phase 1 Monitoring of Autumn 2017 Competition (SBRI 14)

Company	Title	Comment on Review Meeting
Technology in Surgery		
Inovus Ltd	Democratising access to realistic surgical simulation with augmented reality	<ul style="list-style-type: none"> Q1 review & HE discussion 15 Oct. On track, hoping to confirmation of additional funding (£700K) by the end of the year. Good clinical engagement and existing commercialization channels.
3D METAL PRINTING LTD	Toka [®] Surgical Simulator	<ul style="list-style-type: none"> Q1 review & HE discussion 23 Oct. No issues, on track
Oxford Heartbeat Ltd	Virtual stent deployment to optimise stenting surgeries	<ul style="list-style-type: none"> Q1 review & HE discussion 7 Nov
Bioinduction Ltd	Faster and simpler deep brain stimulation	<ul style="list-style-type: none"> Q1 review & HE discussion 10 Oct. First in man postponed to Jan/Feb. Initial porcine expt may need to be repeated due to software issue. This shifts additional cadaver/porcine work to Nov/Dec.
Lightpoint Medical Ltd	Feasibility assessment of a laparoscopic probe for cancer detection	<ul style="list-style-type: none"> Q1 review & HE discussion 24 Oct. No issues, on track
Mental Health		
BfB Labs	Immersive gaming to better treat anxiety in young people	<ul style="list-style-type: none"> Q1 review & HE discussion 15 Oct. MS on track, good engagement with CYP and clinicians. No concerns.
Cadscan Ltd	PhoBot - A voice-controlled conversational agent to reduce anxiety in children	<ul style="list-style-type: none"> Q1 review & HE discussion 11 Oct. Stakeholder work started although involves students (17+) rather than target age group (13-16). Work on AI and avatar continues. Sugg they talk to Mindtech.
emteq limited	STrIVE: Social Training In Virtual Environments with augmented reality	<ul style="list-style-type: none"> Q1 review & HE discussion 21 Nov
Mayden House	Improving outcomes through automated, standardised assessments and machine learning	<ul style="list-style-type: none"> Q1 review & HE discussion 22 Oct. No issues, on track
Sentireal	Tackling depression, self-harm and suicide via automated, personalised virtual reality	<ul style="list-style-type: none"> Q1 review & HE discussion 29 Oct. No issues, on track
UDAMO LIMITED	Project udamo: pocket therapy	<ul style="list-style-type: none"> HE discussion 1 Oct Q1 review 19.10.18. Is looking to boost patient stakeholder involvement. Tech development is largely done, ahead of time. Other MS on track.
XenZone Limited	Accelerating to Wellness through a Digital Peer Support Programme	<ul style="list-style-type: none"> Q1 review & HE discussion 30 Oct. No issues, on track

Phase 2 Monitoring of Spring 2017 Competition (SBRI 13)

Company	Title	Comment on Review Meeting
Cancer – Screening, Earlier Diagnostics & Faster Diagnostics		
C the Signs	C the Signs - Fighting Cancer with Early Diagnosis	<ul style="list-style-type: none"> Phase 2 contract start 21 Sep 2018. KO call completed Q1 report 21 Mar 2018 Visit HEE for HE review 20 Apr 2018
Cambridge Oncometrix	Prostate Liquid Biopsy Test for Risk Stratification for Prostate Cancer.	<ul style="list-style-type: none"> Phase 2 contract start 28 Sep 2018. KO call completed Q1 report 21 Mar 2018 Visit HEE for HE and review 5 Apr 2018
Chromition	Digital High Throughput Screening Platform for Rapid Cancer Diagnosis	<ul style="list-style-type: none"> Phase 2 contract start 21 Sep 2018. KO call completed Q1 report 21 Mar 2018 Visit HEE for HE review 25 Apr 2018
Deepmed IO	Deep Learning powered Metastases Detection System for Digital Pathology	<ul style="list-style-type: none"> Phase 2 contract start 21 Sep 2018. KO call completed Q1 report 23 Mar 2018 Visit HEE for HE review 18 Apr 2018

Phase 2 Monitoring of Autumn 2016 Competition (SBRI 12)

Company	Title	Comment on Review Meeting
GP of the Future – Workload & Demand Management		
Doc Abode	Primary Care at Scale - upskilling an 'on-demand' workforce	<p>In Q3</p> <ul style="list-style-type: none"> Q3 report submitted. Review date tbc. Requested 6 mth extension due to issues with subcontractor (ADI) Q2 report submitted 29th Jun, review catch up 1.8.18. Largely on track, aiming to have ready for testing end Aug / early Sept. Early dialogue with TPP re integration. Likely to receive £100K from European Research funding. Leeds CCG already keen to explore commercial terms Q1 review meeting 13th April 2018. Visit 17th May Cashflow issues resolved with part payment of Q2 invoice Have changed subcontractor which has led to delays. New subcontractor is ADI
iPlato	Saibot - smart virtual waiting room to free up GP capacity	<p>In Q3</p> <ul style="list-style-type: none"> Q3 report submitted 4th Oct. Review date in Nov tbc? Q2 report review 19 Jun 2018 Already receiving revenues on work achieved in Phase 1 and Phase 2 (£450K) via successful application to £45M GP fund from NHS In touch with Imperial AHSN following alumni event
Xim	ViVa - Visual Vitals passive vital signs measurement in primary care	<p>In Q3</p> <ul style="list-style-type: none"> Q3 review 5.10.18. No longer pursuing UHS trial as they sufficient data points from Portsmouth. Relatively good agreement with std measurement of vital signs, although suggested that

		<p>independent stat analysis would benefit them. Aim to have CE mark in 2019. Exploring commercial partners and have discussion with investors for an additional £1M.</p> <ul style="list-style-type: none"> • Q2 review 26th July 2018 – most data gathering trials now underway, still waiting ethics approval from UHS • Q1 report received • Q1 review 24 April • Waiting ethics approval from Portsmouth & So'ton • Good engagement with Wessex AHSN – helping with GP recruitment
GP of the Future – Diagnostics & Earlier Triage		
Fraunhofer UK Research	NIRASA: Nanophotonic Interferometer for Rapid Antibiotic Susceptibility Assessment	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 report submitted 25th Sept. Review date tbc • Q2 report submitted 25th Jun, review – trial to take place at Glasgow Royal Infirmary, will be using existing urine samples collected for gold std analysis to compare directly. No ethics approval required. Cannot identify bacteria only assess that it is present and likely antibiotic to treat • Q1 review meeting 30 Apr 2018 • Q1 report received
MedtechtMarket Consulting	A rapid, low cost test for early detection of Sepsis	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 report submitted 19th Sept. Review date tbc • Q2 report submitted 22nd Jun, review – interim usability studies scheduled for early Oct. Still assessing which fluorescent label to use (3 candidates). Reviewing several investment/funding options • Q1 review meeting 1 May 2018
GP of the Future – Self Care		
CRiL	Low Cost Self-Care Asthma Monitor	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 review 5.10.18 Key MS on track. Have received 35 devices for functional POC assessment & further 70 are arriving. Discussions with commercial partners continue (Iquvia & Linde). Funding discussions at advanced stage, new funding in place by end of 2018. • Q2 review 2 July 2018. Delays with design due to condensation are being mitigated and only 4 week delay overall. Finance figs in report don't match those in spreadsheet which they are addressing. Corrected July 2018 • Q1 review meeting 29th March 2018. EAHSN participated • Design modified to avoid condensation
Dovetail Digital (prev. Covolution)	Coordinating accountable care using Blockchain technology	<p>In Q4</p> <ul style="list-style-type: none"> • Company being bought by EMIS. • Q3 review 30.9.18. TPP based pilot starting in Oct. EMIS based pilot starting in Preston once integration work complete in Nov. The 8 week extension they requested should be sufficient. Not much success in bridging the IT disconnect between primary and secondary care. • Q2 review 4.7.18. requested 2 month extension in order to have pilot at EMIS based practice rather than TPP, since they have much closer interaction with EMIS.

		<ul style="list-style-type: none"> • Some delay with milestones as now focusing pilot on GP in practice in Bradford that is using TPP, looking to have local integration for the pilot. Also wider engagement with EMIS re full integration. More in tune with who customer is, although maybe forgetting patient view. Pilot due to start in Sept, subject to ethics. Have raised £250K, poss another £1M to come • Q1 review meeting 28th March 2018. UCLP participated • Current focus is INPS Vision, as in use at trial site in Bradford, rather than EMIS & TPP although developing the former • Commercialisation needs to focus on EHR vendors not NHS • Still hung up on patient consent and providing patient facing apps and thinks this will drive sales
MSK Note	Enabling musculoskeletal patients to effectively self-manage their long-term conditions.	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 report submitted 19th Sept. Review date tbc • Q2 review 26th July 2018. Waiting for Inhealthcare new API to be ready before EMIS & TPP integration is available, hence delay to clinical pilots. Poss need for 2 month extension. • Q1 report review 26 Apr 2018 • Assessing whether ethics required for trials • Working with KSS AHSN
MyWay Digital Health	MyDiabetesMyWay; Transforming Patient Self Management	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 report submitted 14th Sept. Review date tbc • Q2 report submitted 2nd Jul, review – delays with EMIS integration have postponed start of trial, possible need for extension • Q1 review meeting 18th April 2018. SWAHSN attended • Good clinical engagement
Orsus Medical	Non-invasive blood glucose monitoring	<p>In Q3</p> <ul style="list-style-type: none"> • Q3 report submitted 21.9. Review date tbc – waiting results of clamp testing Germany (due end Oct) • Q2 review 2nd Aug 2018 – clamp test taking place in October, they are assessing costs up to and including clamp test for next invoice • Q1 report sent, Q1 review 27 Apr 2018 • Seeking quotes from Profil in Germany as an alternative site for clamp testing as Liverpool Hospital are prevaricating due to rebuilding work.

Phase 2 Monitoring of Spring 2016 Competition (SBRI 11)

Company	Title	Comment on Review Meeting
Improving Patient Flow in Acute Care – In-patient Journey		
IDOX (prev 6PM Management)	StrokeNET - A digital-platform enabling real-time exchange of clinical Stroke information	<p>Finishing</p> <ul style="list-style-type: none"> • Final report being compiled. Karen is leaving, Dean will compile. Final review mtg tbc • Q3 report submitted 20th Jun, review included demo. Planning on installing at UCLH in 3rd week of Sept for trial period (2+ months). Software built so that non IDOX customers (Stroke Pad) can also use.

		<ul style="list-style-type: none"> Q1 review 26th Jan 2018. Q2 report now received. Q2 review 6th Jun. Aiming to get all overdue tech milestones completed by mid July and then QA in Aug. Next report due 20th July, next review to include demo. Close clinical collaboration with UCL, no longer looking to colab with Brainminer for neuroimaging, as not yet in use at UCL, looking to integrate freeware as sugg by clinician. Developing separate clinical facing and patient facing functionality
Improving Patient Flow in Acute Care – Resource Usage		
Beamline Diagnostics	Novel technology for screening colonic polyps and streamlining histopathology.	<p>In Q5</p> <ul style="list-style-type: none"> Q4 report submitted. Q4 review date 9th Nov Q3 review 17th July. Good progress on patient recruitment, although may need 3-4 month extension for full analysis of data Q2 visit 11th April - Oxford AHSN invited, but did not attend. K. Livingstone attended Trial expanded over multiple sites. Patient recruitment underway
Highland Biosciences	Improving efficiency of acute care with a near-patient coagulopathy biosensor	<p>In Q4</p> <ul style="list-style-type: none"> Q3 report overdue, chased 1st Nov. Latest report shows milestones on track Waiting on output from Innovate UK funded project for next milestones due in Jun Q3 report due 4th July
Nervecentre Software	Electronic CUR- Enhancing patient flow and facilitating appropriate discharge	<p>Finished</p> <ul style="list-style-type: none"> Final report submitted. Final review mtg tbc, Jim Trueman moved on? Q3 review 20th July. Mixed usage at the three trial sites. Glenfield Hosp are the most engaged. Much of the improvement in visibility of beds is anecdotal, true test is winter pressures Q2 visit 11th April (Oxford AHSN invited, but did not attend) Trial includes 2000 beds in 3 hospitals in Leics Winter pressures delayed deployment but have buy in at senior levels
Improving Patient Flow in Acute Care – Discharge Efficiency		
Caresourcer	Care Sourcer – Improving Patient Flow Whilst Promoting Choice	<p>Finishing</p> <ul style="list-style-type: none"> Final report overdue, chased 1st Nov. Final review mtg tbc Q3 review 13th Jul 2018. Good engagement and achieving revenues from London CCGs (£107K). CCGs and LAs using product as an e-brokerage tool. Tech development largely complete. Q2 review 17th Apr 2018 Trial in Gloucs care homes and acute trust until Sept Achieving revenue (£125K) from private referrals
Self Care in Children with LTCs – Assisting & Restoring Function		
ADI	Let Me Show U!	<p>Finished</p> <ul style="list-style-type: none"> Final report submitted. Final review mtg tbc (early Dec) Q3 review 16th July. 30-35 users at various sites (incl school in Harrogate) using the tool. Still waiting IG sign off from Leeds. Q2 review 9th Apr. Visit 17 May. Initial stakeholder discussions complete.

		<ul style="list-style-type: none"> • Waiting IG sign off • Patient / wider user recruitment ok but time consuming. May need to scale back from 250 users
Open Bionics	Affordable, 3D-printed, robotic prostheses for children and young people	<p>In Q4</p> <ul style="list-style-type: none"> • Q4 report overdue, chased 1st Nov. Q4 catch up tbc • Q3 report submitted early Aug. Review – Ethics now approved, recruiting patients in Sept and starting 6 month cross over trail with 8 patients in Oct (using similarly priced NHSE myoelectric hand as control). Also generating revenue from private sales to 6 CYP and 2 adults. Work on next gen OB2 product stalled but will restart in once trail has started. Requested 6 month extension. • Q1 review 14th Feb 2018 (WE AHSN invited, but did not attend) • Revising Q1 report to fully reflect latest situation • Q2 report due in April
Self Care in Children with LTCs – Self Care & Remote Monitoring		
Aseptika	REACH-OUT: Self-care, remote monitoring and eLearning for CYP with co-morbidities.	<p>In Q5</p> <ul style="list-style-type: none"> • Q4 report being compiled. Q4 review mtg tbc • Q3 review 16th July. Trials at SCH proceeding well, although potential need for 3 month extension. Expecting CE mark in Sept. SCH want to do follow up RCT • Q2 visit 26th March 2018, EAHSN participated • Milestones on track • Expecting ethics sign off in May/June
Innerstrength	Using Remote Technologies to Decrease the Burden of Cystic Fibrosis	<p>In Q5</p> <ul style="list-style-type: none"> • Q4 report submitted 26th Sept. Q4 review mtg tbc. Requested 6 mth extension • Q3 report submitted 26th Jun, review – still waiting ethics sign off. Requested extension, likely 6 months needed for trail and analysis • Q2 review meeting 26th April 2018 • Trial partner now Nuffield Health CF programme, as they get NHS referrals. Trial to start in March. Aiming to recruit 40 CYP age 12-16.
Therapy Box	VocaTempo: Advanced communication technology for children with speech impairments	<p>Finished</p> <ul style="list-style-type: none"> • Final report submitted. Final review mtg 15 Nov. Imperial AHSN invited. • Q3 review 26th June 2018. User feedback integrated and now being tested by 24 CYP users. Change of PM. • Imperial AHSN attended Q2 review in March • Internal testing now and testing on twenty CYP in April • On track for CE mark and product launch by Sept

Phase 2 Monitoring of Autumn 2015 Competition – Reducing Pressure on Urgent & Emergency Care (SBRI 10)

Company	Title	Comment on Review Meeting
Resource Planning		

365Response	Healthcab for Healthcare professionals – delivering system flow	Project complete - 23 April. YHAHSN participated <ul style="list-style-type: none"> • Already achieving revenues • Keen to integrate with EMIS and others • Mid Essex GP trial successful and evidence of cost savings but has gone quiet
Snap40	Feasibility Study Senda: A pro-active patient health monitoring platform	In Q5 <ul style="list-style-type: none"> • Final report mtg 19 Nov 2018. • Final review mtg tbc • Interim report sent 6 Mar 2018 • Raised an additional £5M • Close to achieving revenues • Have raised £2.1M funding
Coordinating Admissions		
Biovici	Traumatic Brain Injury (TBI) - Point-of-Care Diagnostics Test".	In Q5 <ul style="list-style-type: none"> • Report in Feb?
Healthera	Serket - Remote treatment management and A&E life-saver kit	In Q5 <ul style="list-style-type: none"> • Report end of Feb?
Preventing Admissions		
Microbiosensor	Reduce admissions through rapid diagnosis of urinary infections in the elderly	Project Complete. Final review meeting 19 th April 2018 - GM AHSN participated in final review <ul style="list-style-type: none"> • Have raised £1.4M funding • Product development continues
Careflow Connect	TACTIC – Team Communications for Integrated Care	In Q6 - Requested extension to end 2018 <ul style="list-style-type: none"> • Q5 review 1st Aug. No success with finding 3rd party apps that provide alerts to clinicians at trusts where Careflow is used...software largely ready to deploy. Will explore if could be used at mental health unit in London. Other commercial priorities at careflow are delaying a marketing led push. • Tech development on track • Q4 report arrived April 2018 • Delays with finding and engaging 3rd party app providers and integrating with acute trusts • WoE AHSN participated in Q1 review
Digital Care Planning	Patient Facing Advanced Care Plans	Project complete. Final Project Review <ul style="list-style-type: none"> • Final review. Getting increasing numbers signing up (600 users) and making ACPs (40% complete process) but no further with persuading CCGs to fund. Primary & secondary care trails planned for 2019 to gather evidence. Have experienced issues getting integration with EMIS. Dialogue with Coordinate My Care continue. • Q4 review 3 May 2018 – On track with tech development. Dialogue with Co-ordinate My Care (CMC) continues. EMIS integration initiated also. • Have trials with Marie Curie volunteers and CMC. • Developing chatbot version also • Imperial AHSN participated in Q1 review

Phase 2 Monitoring of Spring 2015 Competition – Addressing Functional Needs in the Elderly (SBRI 9)

Company	Title	Comment on Review Meeting
Urinary & Faecal Incontinence		
JVS	Development of a simple, one-step cleaning method for intermittent catheters to enable frail, disabled and older people to easily reuse their catheters	In Q6 <ul style="list-style-type: none"> Extended to include maximum trial data Final report due August
Lucid	Development of An-i-sys, a rapid diagnosis for the causes of faecal incontinence by complete investigation of anorectal function in one patient session.	Project Complete. Final project review 6 th Feb 2018 <ul style="list-style-type: none"> Trials on going CE mark (Measurement) expected April 2018 Product launch 2019 GM AHSN participated in final review
Functional Difficulties		
Ally Labs	Ally - Smart Home Care	Project Complete <ul style="list-style-type: none"> Final report received (26 June). Final review 27 June 2018. Product on market. Looking to raise finance. Care trial on going, although delayed start, due to finish by Apr 2018 Imperial AHSN participated in Q2 review
11 Health	Restoring control and quality of life within stoma care	In Q6 <ul style="list-style-type: none"> Trail update due mid August. Chased 15th Oct Delays with recruitment for clinical trials at Imperial. Requested extension of Phase 2. Looking to extend trial to Whittington & St Marks hospital to boost patient numbers. Likely phase 2 completion Dec 2018. UCLP participated in Q2 review
Inclusiviti Ltd	Inclusiviti Chair- A stylish embodiment of functional and aesthetic design, making assistive technology aspirational	Project complete <ul style="list-style-type: none"> Final report sent 16 Feb 2018. Final project review mtg 30 Apr. Imperial AHSN invited to attend They are looking to self-fund development of current prototype to get ready for CE marking. Subcontractor change has led to beta product, but not (yet) trialed externally Need additional funding to progress product further Imperial AHSN participated in Q2 review

Phase 2 Monitoring of Autumn 2014 Competition (SBRI 8) – Complete

Company	Title	Comment on Review Meeting
Child and Adolescent Mental Health Services		
ADI Ltd	CAMHS Open Outreach Platform	Project Complete. Final project review 5 th May 2017. YHAHSN (N. Young) joined final review by phone.

		<ul style="list-style-type: none"> • CO-OP rebranded Step-Up, which runs on their MyPathway platform • In use at Leeds CAMHS, opportunities at Bradford, Calderdale and Liverpool • Some integration with EPR (Lorenzo, System1), other vendors more challenging and tbc
Diabetic Foot Ulcer		
Cadscan	Automatic creation of low-cost insoles for the prevention of diabetic foot ulcers	<p>Project Complete. Final project review 17th Aug 2017. NWC AHSN (L. Green) joined final review by phone</p> <ul style="list-style-type: none"> • Product complete and launched • In discussions with 2 potential distributors • Exploring B2B route (shoe shops)
Medical Imaging		
BrainMiner	An automated image analysis and reporting platform	<p>Project Complete. Final project review 22nd Sep 2017. UCLB involved in project and final review.</p> <ul style="list-style-type: none"> • Project extended to include CE mark submission • Exploring additional series A funding • Engaging with KOLs
Gold Standard Phantoms	A gold standard perfusion phantom for quantitative MRI	<p>Project Complete. Final project review 9th Feb 2018. UCLP (H. McLaren) joined by phone</p> <ul style="list-style-type: none"> • Prototypes at test sites • Have sold 2 prototype devices to Univ Gent & Univ in Australia (total £70K) • Raised £840K in VC funding and £270K from Innovate UK
Outpatient Services		
Message Dynamics	Low cost outpatient monitor – using patients' own equipment	<p>Project Complete. Final project review 16th Nov 2017. KSS AHSN (R. Berry) joined final review by phone</p> <ul style="list-style-type: none"> • Data analysis by LSE being submitted to BMJ for publication • Proposed commercial discussions with Rob Berry • Potential project underspend – update due May 2018
Brain Injury		
GSPK Design	Emgage Phase 2	<p>Project Complete. Final project review 25th May 2017. YHAHSN (N. Young) joined final review by phone</p> <ul style="list-style-type: none"> • Product launch 2018 • Marketing operations under way, working with D4D • Registered as class 1 device. Second trial on going at CATCH (Centre for Assistive Technology and Connected Healthcare).
Obex Technologies	An integrated rehabilitation platform for long-term management, tracking and support of patients with brain injury	<p>Project Complete. Final project review 13th Oct 2017. EAHSN (M. Smith) joined final review by phone</p> <ul style="list-style-type: none"> • IRMA product in use in Cambridge • Potential adoption in Sussex and opportunities in S. Yorks, Plymouth & Liverpool