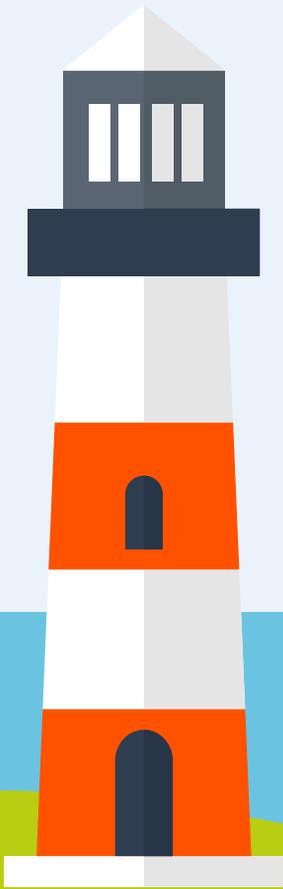


Innovation | Improvement | Impact

Our journey

A guide to our achievements so far across Kent, Surrey and Sussex, how we work and our plans for the future.



Reflecting on our achievements so far 2013-2018



250,000

people have had better care outcomes and experiences as a result of our work 2013-18



79

lives saved thanks to our Emergency Laparotomy Collaborative



5,244

patient records reviewed via our Atrial Fibrillation work



£300m

value for money improvements 2013-18



£3.8m

Total investment leveraged in 2017/18



308

introductions brokered between industry and the NHS



546

safety culture assessments completed across four pilot sites



684

members of the KSS PSC Improvers Network



500+

1 Lead ECG Devices distributed

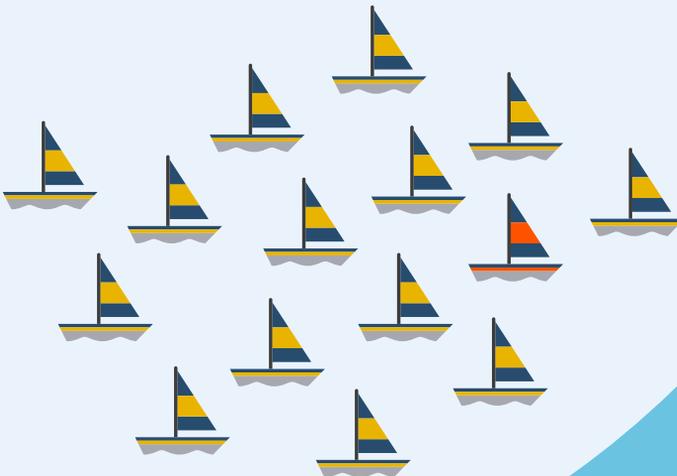


We support our partners to improve care by spreading innovation and best practice

We work with partners to support people to look after themselves more effectively and rely less on health and care services.

We are 1 of 15 AHSNs whose role is to enable the best innovation to spread rapidly both regionally and nationally by connecting industry, academia, health and social care to bridge the gap between the sectors.

We support health and social care staff to develop their skills and make sustainable service changes based on best practice.

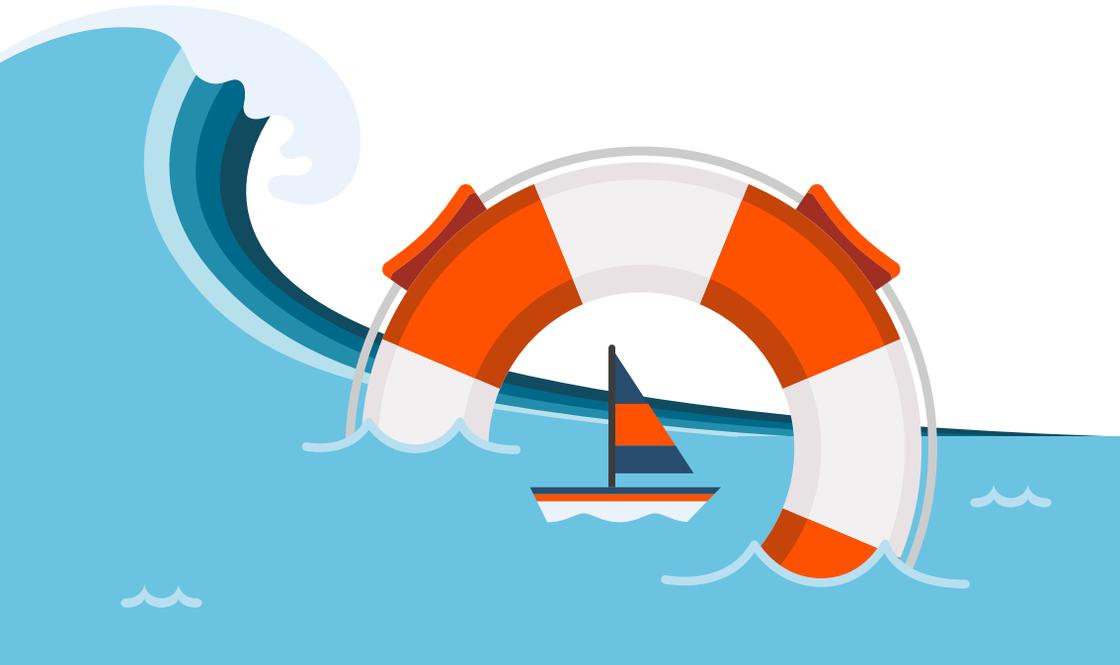


We help our partners to **overcome the challenges** **they face**

People are living longer and have changing needs so the health and care system must change to be sustainable.

Much of the health and care system is fragmented and does not always deliver best value.

Staffing and finance issues mean that the system cannot transform without the wider use of innovative technology.

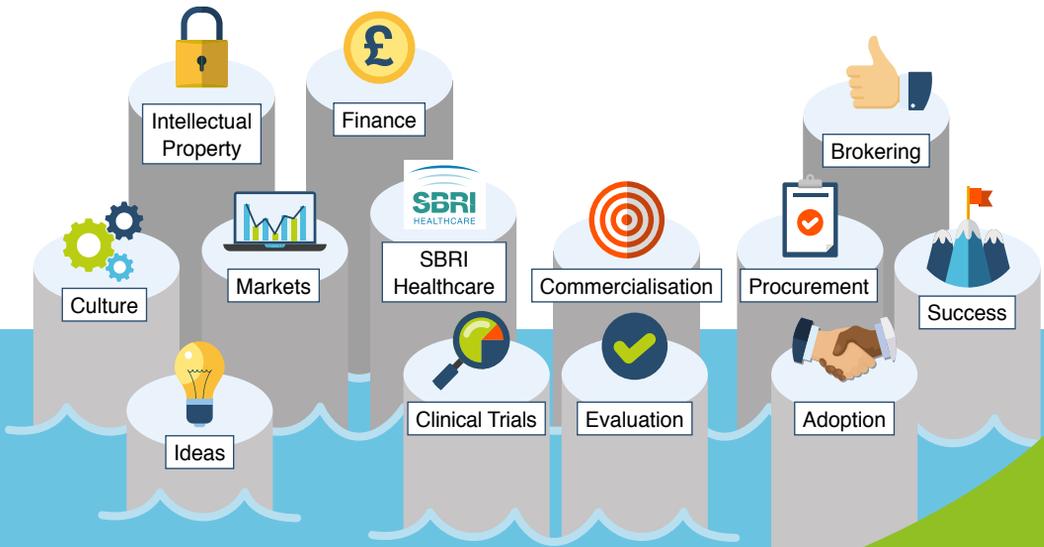


We work with our partners to **create sustainable solutions**

We work with citizens and staff to co-design solutions and help the health and care sector to describe its needs in ways which make it easier to find sustainable solutions.

We signpost sources of expertise and funding, broker introductions and attract investment to accelerate promising innovation.

With our partners we identify 'what works' through our Real World Validation services, before spreading the best value solutions more widely.



Success means supporting our partners to **have greater impact on people's lives and the economy**

Citizens lead healthy, independent lives for longer, benefiting from safe and effective services when they need them.

The health and social care sector delivers better outcomes through more integrated services.

Staff have faster access to the best new research and innovations, whilst industry benefits from the faster uptake of their best solutions.





Looking towards our aspirations for 2018-2023



Ensure that our citizens continue to enjoy **better care outcomes and experiences**



Continue to identify and champion **value for money improvements**



Bridge the gap between industry and NHS to **create jobs across the region**



Save lives through the spread and adoption of the **Emergency Laparotomy Collaborative's** work



Use our connections and expertise to **bring increased investment to the region**



Continue to drive quality improvement through our **Patient Safety Collaborative**



Identify and treat more people living with previously undiagnosed Atrial Fibrillation, **avoiding strokes and associated costs**



Build on our honest broker role, **bringing industry and the NHS together in meaningful ways**



Become a leading provider of **Real World Validation for new solutions**



A selection of KSS AHSN's projects and services:

Bridging the Gap

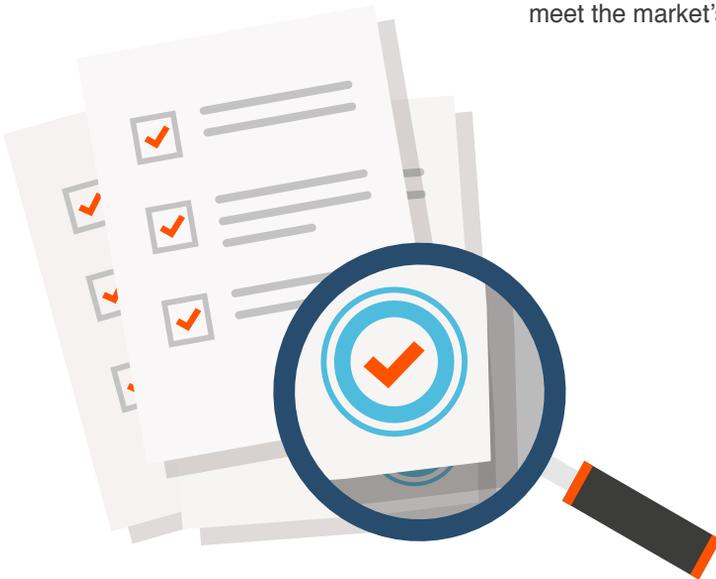
Our Bridging the Gap services work at the interface between the NHS and industry, connecting the sectors to ensure that more patients benefit faster from cost effective products and services. We help industry to work more effectively with the NHS and offer support to healthcare organisations looking for new technologies to improve care. Since 2013 we've provided advice and support to more than 300 companies, speeding up the adoption of new technology solutions and supporting job creation.

Real World Validation

By using a Quality Improvement approach to data analytics, we're able to quickly provide the evidence that the NHS needs, at a systems level, to make pragmatic, evidence based decisions.

Our evaluation of the Mouth Care Matters Programme, an initiative to improve oral health, proved the necessary return on investment evidence for it to be rolled out by Health Education England.

We also work with industry, evaluating products to support future spread or to provide recommendations on how to tailor their offer to better meet the market's needs.



Emergency Laparotomy

Emergency Laparotomy is a complex surgical procedure, carried out around 22,000 times each year with a high risk of death. Our quality improvement care bundle resulted in the risk adjusted mortality rate falling by 18% in the first three months following its adoption. By 2018 it had been implemented in 28 hospitals across 24 NHS trusts in the south of England and is being rolled out nationally.

Atrial Fibrillation

There are around 25,000 people in Kent, Surrey and Sussex living with undiagnosed Atrial Fibrillation, which can increase their risk of stroke. Using mobile 1 Lead ECG devices, our 'Detect. Protect. Review.' project found 498 cases of possible AF in its first eight months, avoiding 20 potential strokes and representing a cost reduction of £825,000 to the NHS over five years. We have made more than 500 devices available across Kent, Surrey and Sussex. Patients who have suspected AF are referred for further diagnosis and are then able to begin appropriate treatment, reducing their risk of stroke.

Polypharmacy

Polypharmacy, or too many medications, can lead to negative outcomes or poor treatment effectiveness, in some cases being more harmful than helpful or presenting too much risk for too little benefit. Reviews to validate whether all of a patient's medications are still necessary can improve both quality of life and outcomes, as well as avoiding unnecessary hospital admissions. After carrying out holistic medicine reviews with over 65s in care homes and their own homes, our polypharmacy trial saved £112 per meds review, and £421 in costs associated with potential hospital admissions avoided per review.



Patient Safety Collaborative

Our Patient Safety Collaborative plays an essential role in identifying and spreading safer care initiatives from a national directive to local implementation. Commissioned by NHS Improvement to support a reduced variation in clinical practice across the region, we ensure that initiatives from across England are supported in content and readiness for spread.

By focussing on quality improvement and integrating the patient voice, culture and capability of each health care environment, KSS PSC delivers a range of programmes across four main workstreams: Improve outcomes and unwarranted variation in care within Maternity services; Support the recognition of the deteriorating patient; Safer medications; Support the adoption of four evidence-based projects.

As one of 15 PSCs our work is aligned to enable us to create a greater collective impact across England.

KSS Darzi Fellowship

The Darzi Fellowship in Clinical Leadership started in London in 2008, and in 2017 we were instrumental in bringing the initiative to Kent, Surrey and Sussex – its first foray out of the capital. Aimed at those starting out on their leadership journeys, Darzi fellows have made significant impact across the region, leading major service improvements, implementing safety and quality initiatives and generating savings for trusts. The Darzi Fellowship has a strong record of creating real change and delivering better patient experiences, and since 2016 more than 75 Darzi Fellows have been recruited across the region.





**Delivering
better patient
experiences**



**Driving down
the cost of care**



**Improving
clinical outcomes**



**Stimulating
wealth creation**

**Kent Surrey Sussex
Academic Health Science
Network**



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