

Next Level

The work of the Cancer Alliances

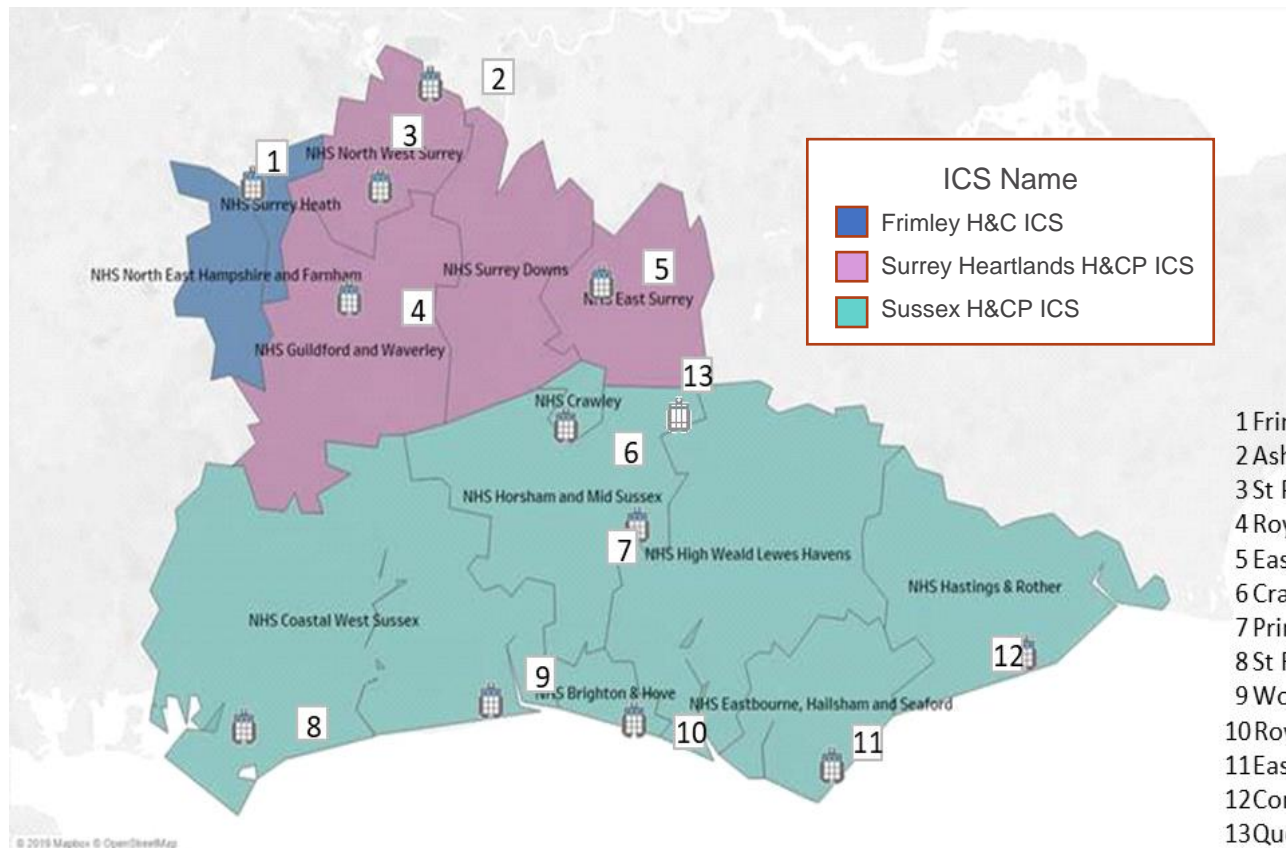
Keri Torney, Managing Director, Surrey and Sussex Cancer Alliance
Ian Vousden, Programme Director, Kent and Medway Cancer Alliance

Date /
8 June 2022



Surrey and Sussex Cancer Alliance

- The Surrey & Sussex Cancer Alliance (SSCA) is a collaboration of system partners working together for the shared aims of improving outcomes and care for patients with cancer within Surrey and Sussex
- SSCA is one of 21 cancer alliances established across England and covers a population of just over 3 million people.



- 1 Frimley Park Hospital (FHFT)
- 2 Ashford Hospital (ASPH)
- 3 St Peters Hospital (ASPH)
- 4 Royal Surrey County Hospital (RSFT)
- 5 East Surrey Hospital (SaSH)
- 6 Crawley Hospital (SaSH)
- 7 Princess Royal Hospital (UHSx East)
- 8 St Richards Hospital (UHSx West)
- 9 Worthing Hospital (UHSx West))
- 10 Royal Sussex County Hospital (UHSx East))
- 11 Eastbourne District General Hospital (ESHT)
- 12 Conquest Hospital (ESHT)
- 13 Queen Victoria Hospital (QVH)



SSCA Footprint

We are proud to work in partnership with health organisations across Surrey and Sussex, including NHS acute trusts, clinical commissioning groups, Integrated Care Systems and specialised commissioning groups, community services, hospices and third sector and voluntary organisations.

	ICS	CCGs	Trusts
Alliance Footprint	Frimley Health and Care	-NHS Surrey Heath CCG -NHS North East Hants & Farnham CCG -NHS East Berkshire CCG (CCGs currently working collaboratively for merger)	<ul style="list-style-type: none"> • Frimley Health NHS Foundation Trust (FHFT)
	Surrey Heartlands Health and Care Partnership	-NHS Surrey Heartland CCG	<ul style="list-style-type: none"> • Ashford and St.Peter's Hospitals NHS Foundation Trust (ASPH) • Royal Surrey NHS Foundation Trust (RSFT) • Surrey and Sussex Healthcare NHS Trust (SaSH)
	Sussex Health and Care Partnership	-NHS West Sussex CCG -NHS East Sussex CCG -NHS Brighton and Hove CCG	<ul style="list-style-type: none"> • University Hospitals Sussex NHS Foundation Trust (UHSx) • Queen Victoria Hospital NHS Foundation Trust (QVH) • East Sussex Healthcare NHS Foundation Trust (ESHT)



Quick snapshot of innovation work

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Current work –

- Skin cancer workflow and performance improvement through teledermatology
- Piloting AI powered blood testing for cancer markers with Pinpoint test
- Digital dashboard for improved data visibility

Work in pipeline –

- Work on second cancer open call – SBRI funding grant
- Improving patient tracking reporting through a PTL dashboard

Needs driving our efforts –

- Early diagnosis and case finding in priority cancer areas – currently Pancreatic and Ovarian
- Improving and resolving workforce and workflow issues.





OpenMedical – Pathpoint eDerma: Teledermatology software platform enabling remote triage of referrals

- SSCA are partnering with OpenMedical to embed this innovative skin tool with our partner ICS'
- The platform allows primary care professionals to upload dermatological images on the eDerma system for triage prior to referral
- The funding award covers funding for training and time of primary and secondary care workforce, IG and integration requirements alongside the introduction of the platform itself.
- Status: Discussions currently underway with Sussex ICS to pilot this starting Q1 22/23



pinpoint



Pinpoint data science: AI enabled blood testing to rule out 9 most common cancers

- The blood test will be able to rule out 9 most common cancers including breast, gynae, skin and head and neck for 1 in 5 people
- Funding award will cover lab change process, training and IT integration
- Status: Discussions underway with ICS colleagues to identify pilot sites. Project to commence late Q1 22/23



SBRI – second call and matchmaking

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SSCA are hopeful of successful partnerships with companies participating in the second call of the SBRI award

Focus areas presented for matchmaking were –

- Early diagnosis for pancreatic cancer and ovarian cancer
- Solutions targeted at resolving or improving workforce issues

The companies that are being considered at the moment are –

- **Abtrace** – Free text based data mining tool for case finding
- **CareIQ** – Digital platform that utilises risk stratification and integrated communication for running screening programmes





SSCA Aggregate Dashboard: Dashboard to view and utilise all cancer performance target information

- SSCA are working with an external company to produce this
- The dashboard is live now with 28-day performance information. This can be filtered to display information for pathways or providers.
- 62-day performance information being added now, eventually will allow for 100-day and beyond performance information to be viewed on the dashboard
- Provider information will be automatically pulled through eventually

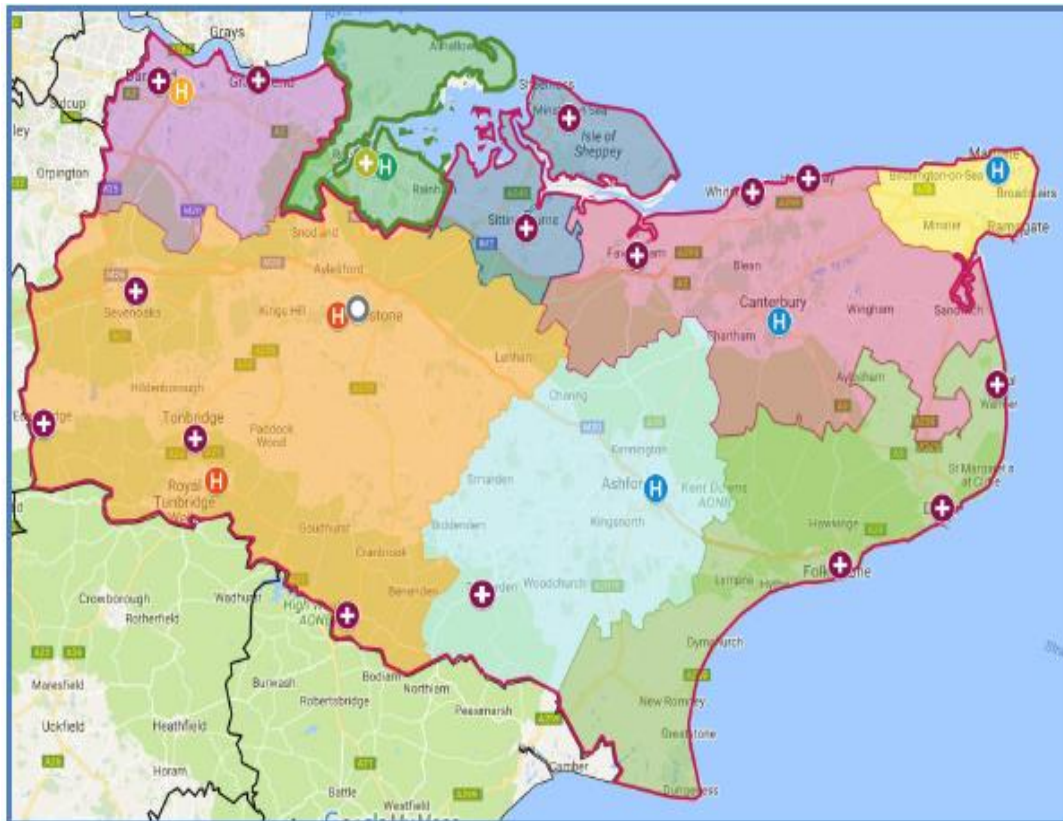
ASPH Endoscopy PTL Dashboard: Patient tracking dashboard for endoscopy procedures

- SSCA is working with ASPH to develop this dashboard to their specifications
- Will replace current manual process with a view to improve efficiency and improving accuracy of information and reporting
- In process of requirements gathering and will start being developed soon



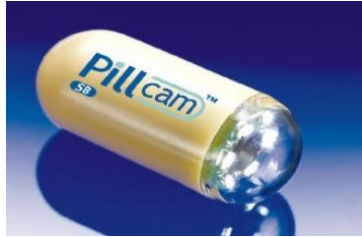
Kent & Medway Cancer Alliance

We work with health organisations across Kent & Medway, including NHS acute trusts, one clinical commissioning group and emerging Integrated Care Systems and specialised commissioners, community services, hospices and third sector and voluntary organisations



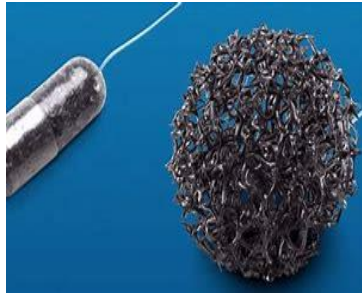
- 1.8m population
- 4 Acute Trusts
- 1 Oncology Centre (2 sites)
- 1 CCG – emerging ICB





Colon Capsule Endoscopy

- part of national pilot being run from Maidstone & Tunbridge Wells NHS Trust



Cytosponge

- part of national pilot being run from East Kent Hospitals University NHS Foundations Trust



Galleri GRAIL

- one of 8 Cancer Alliances nationally taking part in this trial. This is a simple blood test that aims to diagnose over 50 cancer types, many of which are harder to diagnose.





AI Based Predictive Risk Scoring for early diagnosis of Lung Cancer

- **Phase 1:** Will seek to build upon initial feasibility studies undertaken in Surrey as well the literary evidence that has already been collated from national studies such as the Healthy Lung programme and Cancer Research UK, for application to the Kent and Medway population. Within Phase 1, statistical analysis and clinical/academic evaluation will take place to identify the most effective biomarkers from health and care data that are the best predictors for lung cancer for the local Kent and Medway population. We will utilise the KID to undertake these feasibility studies given its maturity and longitudinal dataset over a 5 year period.
- **Phase 2:** Will build upon phase 1, developing the AI based algorithms for risk scoring patients for development of lung cancer. During this stage, we will incorporate cancer staging data to improve the overall accuracy of the model and utilise the real time data within KERNEL.



Innovation Update - Dashboards

KMCA Cancer Dashboard: Dashboard to view and utilise all cancer performance target information

- Working with Beautiful Information and linking to Infoplex we have a live dashboard developed to review and monitor cancer performance across providers and tumour pathways
- Shared with key stakeholders weekly across Cancer Alliance
- Has enabled development of shared PTL across K&M
- Allows open and transparent review of pathways to target support required

Primary Care Cancer Dashboard:

- Developed by KMCA Data Analyst
- Being formally launched in June at our 'Cancer in Primary Care' event
- Allows PCN and GP practice level view on key cancer metrics
- Supports PCNs and GP practices with ED DES information
- Provides additional information on screening uptake, 2ww performance and personalised care



Next Level

Q&A

