### Early Career Researchers: Showcase of research into early diagnosis

**Chair:** Katriina Whitaker, University of Surrey

Presentations will include:

- **Predictive modelling of head and neck cancer from primary care electronic database records**
  - Dr Paula Bradley, PhD student University of Sunderland and GP Trainee Northern Deanery

- **Uptake and clinical outcomes of self-referred bowel-scope (flexible sigmoidoscopy) screening appointments at St Mark’s Hospital in London**
  - Dr Robert Kerrison, University College London

- **Diagnostic accuracy of FIT in patients urgently referred for colorectal cancer**
  - Dr Catherine Wildenschild Nielsen, Aarhus University

- **Faecal immunochemical test (FIT) to triage patients with lower abdominal symptoms for suspected colorectal cancer in primary care: review of international use and guidelines.**
  - Dr Marije Van Melle, University of Cambridge

- **Variation in cancer incidence by ethnicity across London in 2015**
  - Bethany Wickramasinghe, Transforming Cancer Services Team for London

### Sharing insights: research and initiatives to improve public awareness and drive behaviour change

**Chair:** Professor Yoryos Lyratzopoulos, University College London

- **Be Clear on Cancer cross campaign analysis**
  - Carolynn Gildea, Public Health England

- **Evaluation of the Be Clear on Cancer branded regional campaign to increase participation in bowel cancer screening in England**
  - Katie Connor, Cancer Research UK

- **Cancer alarm symptoms at presentation and associated stage at diagnosis**
  - Dr Monica Koo, University College London

- **Insights from the Detect Cancer Early Programme – results from a mixed-methods evaluation**
  - Natalia Calanzani, University of Edinburgh
The poster exhibition will open with a brief presentation at 19:30 and a welcome reception, giving delegates plenty of opportunity to review the fantastic posters.

Tuesday 12 February 2019
Registration for the conference will open at 08:30
The first session will start at 09:30 and presentations on the Tuesday will include

<table>
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<tr>
<th>A welcome and scene setting presentation from Sara Hiom, Director of Early Diagnosis and Health Professional Engagement at Cancer Research UK</th>
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**Emerging evidence: a spotlight on lung cancer**

**Chair:** Dr Mat Callister, Leeds Teaching Hospitals NHS trusts

**Keynote:** Professor Harry De Koning, Erasmus Medical Center, Rotterdam Netherlands

- Malignancy probability for ground-glass opacities: Insights for U.S. nodule management guidelines from the National Lung Screening Trial
  - Dr Hilary A. Robbins, U.S. National Cancer Institute and International Agency for Research on Cancer

- Psychological responses to a ‘real world’ demonstration lung cancer screening pilot when compared with an unscreened community sample
  - Dr Samantha L Quaife, University College London

- The role of chronic diseases in influencing symptom attribution and help-seeking for potential cancer symptoms: a vignette study
  - Aradhna Kaushal, University College London

- Second and higher order smoking-related primary cancers following initial lung cancer: a population-based cohort study
  - Speaker to be confirmed

- Lung cancer symptom perception and intervention preferences in the UK’s most deprived communities: a qualitative study
  - Dr Grace McCutchan, Cardiff University

Panel discussion with additional representatives from the screening and lung cancer community

**Keynote from Professor Bob Steele CBE, University of Dundee, discussing his reflections and ambitions for the future of screening programmes.**

**Exploring and using national cancer data for patient gain**

**Keynote and Chair for the session:** Dr Jem Rashbass, Public Health England

- Association between use of urgent suspected cancer referral pathways, cancer patient survival and stage: a 5-year national cohort study
  - Dr Thomas Round, Kings College London
Comparing primary care referrals and secondary care presentations using data from the National Cancer Diagnosis Audit: Understanding emergency pathways to diagnosis
Dr Sean McPhail, Public Health England

National Cancer Diagnosis Audit: avoidable delays to diagnosis
Dr Ruth Swann, Cancer Research UK/Public Health England

Index of Suspicion: Predicting Cancer from National Population-based Prescribing Data
Dr Josephine French, Health Data Insight, Public Health England.

Keynote from Professor Sir Mike Richards, reflecting on 10 years of early diagnosis activity and looking forward to the opportunities for the next 10 years.

Targeted Breast Screening and Care: Developments and insights to shape the future for patients with breast cancer

Implementing risk estimation and risk stratified screening into the NHS Breast Screening Programme (NHS BSP): views of healthcare professionals on feasibility
Dr Louise Donnelly, Manchester University Hospital NHS Foundation Trust

Single Nucleotide Polymorphisms (SNPs) – ready for prime time in Breast Cancer?
Professor Gareth Evans, University of Manchester

Psychological impact of providing women with personalized ten-year breast cancer risk estimates
Professor David French, University of Manchester

Rising to the challenge...
The challenge of finding the right people at the right time in the least invasive way. What can we learn from the past and what innovative ways may be the game changers of the future.

Panel debate about symptomatic and asymptomatic presentations

There will also be sessions on the day from the Office of Data Release team at Public Health England and the Research and Information Directorate at Cancer Research UK which you will be able to preregister for.

A conference dinner will be held on Tuesday 12 February 2019 to celebrate some of the achievements from the last 10 years.
### Optimising recognition and referral across the patient pathway

**Keynote and Chair for the session:** Professor Willie Hamilton CBE, University of Exeter

**Using innovative qualitative methods to understand the GP/patient conversation in primary care**
Dr Georgia Black, University College London

**Improving the early diagnosis of Upper GI (UGI) & intra-abdominal malignancies: Findings of a pilot pathway, utilising Physician Associate (PA) Telephone Assessment Clinics (TAC) in patients with concerning symptoms, not meeting the Two-Week Rule (TWR) Criteria.**
Mr Alexander Thomson, Epsom and St Helier University Hospitals NHS Trust

**Exploring the impact of changes in NICE suspected-cancer referral guidelines on time to diagnosis**
Dr Sarah Price, University of Exeter

**Integrating multiparametric MRI into prostate cancer diagnostic pathways within the NHS and internationally – A diagnostic pathways mapping study**
Dr Sam Merriel, University of Exeter

**Risk of cancer and repeated urgent referral after negative investigation for cancer**
Dr Henry Jensen, Aarhus University, Denmark

**Keynote presentation from Cally Palmer CBE, the Chief Executive of The Royal Marsden and National Cancer Director at NHS England.**

### Rising to the challenge...3 in 4 patients diagnosed at an early stage in the next decade

Panel discussion with key representatives from different parts of the cancer community to unpick how we achieve the Prime Ministers ambition for earlier diagnosis of cancer.

### Spotlight on all nations pathways

**Chair:** Gregor McNie, Cancer Research UK

Speakers in this session will include: representatives from the Cancer Alliances, Professor Tom Crosby OBE, Wales Cancer Network and Margaret Kelly from the Scottish Government

### Rarer cancers session: Evidence to make a difference in less common cancers

**Keynote:** Mr John Butler, The Royal Marsden

**Chair:** Jane Lyons, Cancer 52

**Missed opportunities for diagnosing brain tumours in primary care? Findings from a qualitative study**
Dr Fiona Walter, University of Cambridge
Quality of the Diagnostic Process in Patients Presenting with Symptoms Suggestive of Bladder or Kidney Cancer: A Systematic Review  
Dr Yin Zhou, University of Cambridge

Presenting symptoms and time to presentation among teenagers and young adults diagnosed with cancer: emerging findings from the BRIGHTLIGHT cohort  
Dr Monica Koo, University College London

There will be some parallel sessions during the Wednesday programme on the topics below and you will be asked to register for the ones you would like to attend.

Parallel session one:

**Spotlight: cervical screening**

**Chair:** Dr Richard Roope, Cancer Research UK and Royal College of General Practitioners

**HPV knowledge and perceived understanding of results among women taking part in the primary HPV testing pilot in England**  
Professor Jo Waller, University College London

**Could changing the screening infrastructure help women realise their cervical screening intentions? A population-based survey of invitation and booking preferences**  
Mairead Ryan, University College London

**Increasing the perceived relevance of cervical screening in older women**  
Dr Laura Marlow, University College London

**As we move into the age of HPV Primary Screening, will myths and stigmas associated with HPV risk putting women off attending their smear test?**  
Robert Music, Jo’s Cervical Cancer Trust

**Emerging evidence from MDCs in UK**

**Chair:** Dr Henry Jensen, Aarhus University

**Combining ACE Programme evaluation data and experiential learning to support Multidisciplinary Diagnostic Centre development**  
Dave Chapman, Cancer Research UK

**Using linked primary care data to investigate diagnostic pathways of patients presenting with non-specific but concerning symptoms**  
Clare Pearson, Cancer Research UK

**The Oxford Suspected CANcer (SCAN) Pathway: Results from the first 200 patients**  
Dr Brian Nicholson, University of Oxford

**Preliminary Experience of a Rapid Diagnostic Clinic to Detect Cancer Earlier, The Non-Cancer Diagnoses and Benefits.**  
Dr Gareth Davies, Wales Cancer Network & Dr Heather Wilkes/Dr Anthony Gibson, Abertawe Bro Morgannwg and Cwm Taf Heath Boards

Parallel session two:

**Using local data to drive progress**

**Chair:** Lucy Ellis-Brookes, Public Health England

Presentations in this session will include:

**Creating an East Midlands specific cancer data hub that**

**Considering the impact of Early Diagnosis: Recurrences and Secondary cancers**

**Chair:** Rosie Loftus, Macmillan

**Understanding pathways to diagnosis of a second primary cancer: qualitative interviews with patients and GPs**

**FIT in Symptomatic: emerging evidence and opportunities**

**Chair:** Dr Lance Saker, Transforming Cancer Services Team

Presentations in this session will include:
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<tr>
<th>could be used by all stakeholders</th>
<th>Dr Christine Campbell, University of Edinburgh</th>
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<tbody>
<tr>
<td>James Jones, East Midlands Cancer Alliance</td>
<td>Examining the safety and effectiveness of PSA monitoring in primary care after discharge from hospital-based follow-up: implications for early diagnosis of recurrent prostate cancer in Manchester</td>
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<tr>
<td>Lucy Young, NHS England</td>
<td>Helen Johnston, The Christie NHS Foundation Trust</td>
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<td>Analysis of referral to first treatment pathways by Cancer Alliance using 2017/18 cancer waiting times (CWT) data for colorectal, lung and prostate cancers</td>
<td>Evaluation of the efficacy of MRI follow-up of Breast Cancer patients</td>
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<td>Danny Kazzazi, Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust</td>
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<td>Use of general practice and hospital services in the year preceding a diagnosis of cancer recurrence or second primary cancer: a population-based register study</td>
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The conference will close at 17:30 on Wednesday 13 February 2019.