



Together we are beating cancer

Bowel cancer screening Primary care good practice guide



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Statement of intent

Cancer Research UK is committed to informed choice with respect to screening participation. Screening has both benefits and harms, and these must be communicated appropriately. This guide aims to share ways that primary care professionals can help to improve the uptake of bowel cancer screening. It's up to each practice to explore what methods they wish to facilitate, and to take responsibility for compliance with data protection processes as appropriate.

If you have any comments or feedback on this guide, please contact SEinbox@cancer.org.uk

Overview of bowel cancer screening

Introduction

Primary care professionals play a key role in increasing public engagement with bowel cancer screening. This guide offers an overview of the bowel cancer screening programmes across the UK nations and practical tips for supporting eligible people to make an informed choice about taking part.

Bowel cancer screening aims to detect bowel cancer at an early stage, before symptoms have a chance to develop. It can also prevent bowel cancer by identifying potentially harmful pre-cancerous polyps that can then be removed. When bowel cancer is diagnosed at an early stage, treatment is much more likely to be successful than when it's diagnosed at a late stage (see the diagram below).

All bowel cancer screening programmes in the UK use the Faecal Immunochemical Test (FIT), which looks for traces of blood in poo that may not be visible.

Some people may experience barriers to completing a FIT and participating in bowel cancer screening generally. This guide outlines some of the most common barriers and suggests how you can help to tackle them.

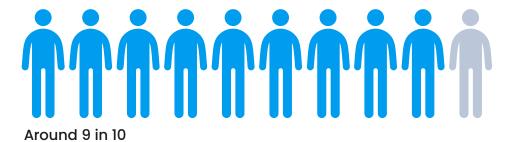


For more information and resources to support you and your patients, visit our **bowel cancer screening hub**.

Bowel cancer survival by stage at diagnosis in England

Proportion of people surviving their cancer for five years or more*

Survival when diagnosed at earliest stage (stage 1)



Survival when diagnosed at latest stage (stage 4)



^{*} Data is age-standardised net survival for adults (age 15 to 99 years) diagnosed in England between 2016-2020, followed up to 2021. Source: NHS Digital, Cancer survival in England, Published 2023.

Eligibility, invitations and results

People are invited to take part in bowel cancer screening once every two years via a letter sent to their home address. Eligibility varies between UK nations based on age (see the table below). To receive their invitations, people who are eligible must also be registered with a GP or, in Scotland, they must have a valid CHI (Community Health Index) number. The letter asks people to complete a FIT kit by collecting a poo sample and posting it to the programme for analysis.



Bowel cancer screening programmes across the UK

	England •	Scotland \$	Wales	Northern Ireland
Age	50-74	50-74	50-74	60-74
Frequency	Every 2 years On request from age 75 by calling the screening helpline – see appendix 5	Every 2 years On request from age 75 by calling the screening helpline – see appendix 5	Every 2 years	Every 2 years
FIT threshold measured in micrograms (µg) of blood per gram (g) of poo sample	120µg/g*	80µg/g	80µg/g	120µg/g

^{*}NHS England is beginning to reduce the FIT threshold from 120µg/g to 80µg/g across several early-adopter sites.



Using the FIT to manage symptomatic patients

The FIT is also used to assess the risk of bowel cancer in people with lower gastrointestinal symptoms. The use of the FIT in people with symptoms uses a much lower threshold for a positive result than in the screening programmes. People with symptoms should be tested using a symptomatic FIT regardless of their participation in bowel cancer screening programmes and any results they may have received.

To find out more, visit our FIT symptomatic webpage.



People who take part in bowel cancer screening receive their results by letter. Results are also sent to GP practices via the national screening programmes. In most cases, the results come with SNOMED/Read codes embedded, which are automatically updated in clinical systems. However, practices may need to check or correct codes manually if:

- results aren't coded automatically
- there's a coding mismatch
- additional clinical context is needed, e.g. the invitation was declined

For a list of relevant SNOMED/ Read codes, see **appendix 4**.



Bowel cancer surveillance for high-risk groups

Bowel cancer surveillance programmes monitor people at higher risk to support early detection and timely intervention. The British Society of Gastroenterology provides <u>guidance for managing</u> hereditary colorectal cancer, including:

- · people with Lynch syndrome
- people with polyposis syndromes (10+ polyps in the large bowel)
- · people with a family history of bowel cancer
- people with a diagnosis of bowel cancer under the age of 50

There's also further guidance on other people who may be eligible for surveillance, including people with <u>inflammatory</u> <u>bowel disease</u> and <u>post-polypectomy</u> <u>or post-colorectal cancer resection</u>.

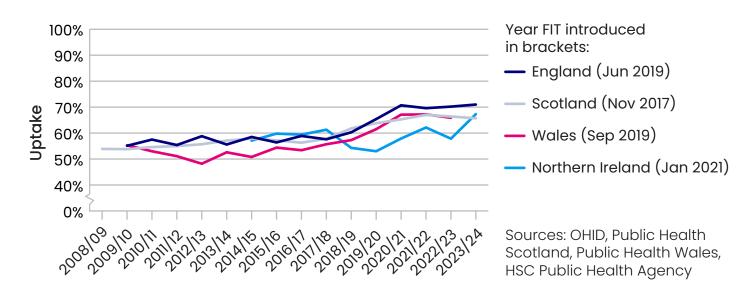
These programmes are separate from national screening, except for Lynch syndrome in England, where people are invited for surveillance colonoscopies via the NHS bowel cancer screening programme.

For more information and support, you can direct people to our <u>screening for people</u> <u>at high risk of bowel cancer webpage</u>.

Bowel cancer screening uptake in the UK

Over the past five years, bowel cancer screening uptake has steadily increased across the UK, driven in part by the move to the FIT. Uptake in 2022 to 2024 ranged between 66% and 71% across the UK nations [1-4]. But there are still many people who aren't taking up their invitation and missing a vital opportunity to detect and even prevent bowel cancer. Uptake also varies between regions and different demographic groups – see <u>Inequalities in access to bowel cancer screening</u>.

The reasons why people don't take part in bowel screening are complex and there may be several influencing factors. Primary care professionals can play a key role in supporting informed participation, helping eligible people to overcome barriers and tackling inequalities in uptake.



How you can support informed uptake

- Promote informed choice by encouraging eligible people to read their invitation carefully, so they understand the benefits and harms of screening. You can also direct them to our bowel-cancer-screening-webpage.
- Discuss bowel cancer screening with eligible people where appropriate. This could be during appointments or regular health checks, e.g. chronic disease annual reviews. It's important to make every contact count.
- Display bowel cancer screening information in your practice. For materials you can use, see our resources and information for patients.
- Understand who's less likely to participate in bowel cancer screening so that you can offer these people additional support. Read more about inequalities in access to bowel cancer screening.

- Understand barriers to participation in bowel cancer screening and help people to overcome these barriers where appropriate. Read more about understanding and addressing barriers to participation.
- Identify and engage with first-time invitees, as evidence shows that people who take part in screening once are far more likely to continue participating in the future [3].
- Identify and engage with people who have not responded to their invitation, to understand the barriers they're experiencing. Read our steps to take to identify and engage with firsttime invitees and non-responders.

Quality improvement

In England, the Primary Care Network Direct Enhanced Services (PCN DES) 2025/26 contract requires PCNs to work with partners to improve bowel screening uptake. This includes using data to understand variance, auditing non-responders and checking screening history at every point. For more information, visit our **GP contract hub**.



Interventions to improve uptake

Evidence shows that the following primary care level interventions increase informed participation in bowel cancer screening.

To use resources most efficiently, interventions should target people who haven't responded to their bowel cancer screening invitation.



Telephone advice and face-to-face health promotion [5, 8]

A study found that calling non-responders and inviting them to attend a consultation with a Call for Kit health promotion team member – at their primary care practice or over the phone – increased the uptake of bowel cancer screening by up to 15.3%. During the consultations, people are shown how to complete the test and discuss common barriers to taking part, as well as being offered a replacement kit. See our resources and information for patients.



A letter from the GP [6]

A study found that uptake increased by up to 6% when eligible individuals were sent a letter from their GP endorsing the programme. Uptake increased by up to 12% when the letter was sent in combination with enhanced patient information. See our sample GP endorsement letter.



Telephone support [6]

The same study also found that phoning people to provide information about bowel cancer screening and answer their questions, in addition to sending a letter from their GP, increased uptake by around 8%. See our **sample telephone script**.



Text reminders [7]

Evidence suggests that text message reminders could provide a cost-effective way to increase uptake, particularly with first-time invitees. See our **sample text message**.



Language support [8]

Providing people with the opportunity to speak to a trained bilingual advocate from their own GP practice may help increase awareness of bowel cancer screening and overcome barriers to participation.



For more information on interventions to improve uptake, visit our <u>addressing</u> inequalities in uptake webpage.

Note: The studies described in this section were undertaken when the primary test was the guaiac faecal occult blood test (gFOBT), prior to the introduction of the FIT.



Understanding and addressing barriers to participation

Below are some of the common barriers that may prevent eligible people from participating in bowel cancer screening and steps you can take to help people overcome them.

A misconception that the test is for people with symptoms [9-13]



Explain that bowel cancer screening is for people without symptoms. The test helps detect signs of bowel cancer or pre-cancerous changes before they're even noticeable. Remind people that if they are experiencing any possible symptoms of bowel cancer, they should speak to their GP immediately and not wait to be invited for screening.

Concerns around the practicalities and cleanliness of the test [11-14, 16]



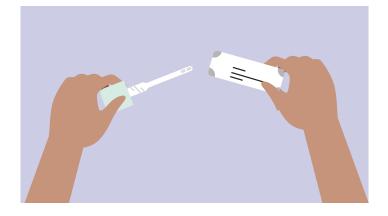
Direct people to resources that explain how to complete the test hygienically and correctly. See our **patient information and resources** for guidance that's tailored to each UK nation, including:

- step-by-step visual guides
- · animated videos
- · patient leaflets

Difficulty accessing the information to complete the test due to low health literacy or language barriers [9, 13, 17]



Provide people with more accessible forms of information, such as the visual guides and videos, and easy-read or translated resources. See our patient information and resources.



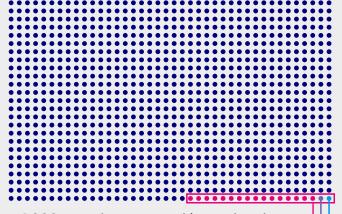
Fear around the test outcome [9, 10, 13-15]



Reassure people that bowel cancer screening is designed to pick up cancer at the earliest stage, when successful treatment is much more likely. It can also help to prevent bowel cancer by detecting pre-cancerous polyps that can then be removed.

Explain that most people who take part in bowel cancer screening won't require further tests. For example, for every 1,000 people screened in England*, around 18 have a positive FIT test and require further diagnostic tests (colonoscopy). Of those 18, around 1 person is placed into surveillance and 1 person is diagnosed with bowel cancer.**

You can also explain what the further tests involve. See our information on supporting colonoscopy attendance.



- 1,000 people screened in England
- ~18 people have a positive FIT test and require further diagnostic tests
- ~1 person placed into surveillance
- I person is diagnosed with bowel cancer -
- *Based on 2023/24 Bowel Screening Programme in England.
- **People are placed into surveillance when they have an episode result of either 'high-risk' or 'large non-pedunculated colorectal polyp/s'.

Inequalities in access to bowel cancer screening

Taking part in screening is an individual choice, but it must be a choice that's available to everyone. Although there are gaps in data availability, evidence shows that the following groups are less likely to participate in bowel cancer screening in the UK:

- people from areas of higher deprivation or with lower socioeconomic status [2, 3, 18–21]
- men [2-4, 19, 22-24]
- younger eligible people [3, 4, 19, 21, 22]
- first-time invitees [3, 25]
- people from non-white ethnic minority communities [3, 9, 26-29]
- people of certain religions (e.g. Hindu, Muslim, Sikh) [28]
- people with disabilities [27, 30–32]
- people with severe mental illness [27, 33, 34]
- people who smoke [24, 28]
- previous non-responders [3, 25]

People in these groups may benefit from more support to overcome barriers to informed participation.



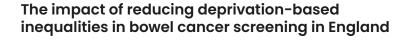
A closer look at inequalities in bowel cancer screening

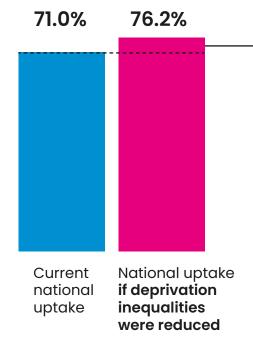
To learn more about the groups less likely to participate in bowel cancer screening, what barriers they face and the potential of interventions to improve uptake, see our addressing inequalities in uptake webpage.



The benefit of tackling inequalities

Addressing these inequalities could have a significant impact on bowel cancer screening uptake. For example, uptake is lower in the most deprived areas compared to the least deprived [18]. If the proportion of eligible patients in England (aged 60-74 years) who took part in bowel cancer screening was similar to that of patients in the least deprived areas, we estimate that there would be around a 5 percentage point increase in the number of bowel cancers diagnosed through screening. This would mean that around 270 extra bowel cancers could be detected each year, with around 63% of those being diagnosed at an early stage [35].





Around **270** more people would be diagnosed with bowel cancer through screening **per year**



Around **63%** of these cases would be diagnosed at stage 1 or 2

14 percentage points difference in screening uptake

Most deprived quintile Least deprived quintile

All uptake figures and impact estimates in this analysis are based on GP practice-level data for **England in 2023/24** from Fingertips. Only deprivation-based inequalities in uptake are observed – other factors contribute to inequalities.



Supporting colonoscopy attendance

People with a positive FIT result will be offered follow-up investigation, usually a colonoscopy or sometimes a computer tomography colonography (CTC) or a <u>colon capsule</u> <u>endoscopy (CCE)</u>. However, some people do not attend their appointment – for example recent figures show that around 1 in 4 people with a positive FIT result in Scotland (2020–24) [2] did not attend their follow-up colonoscopy...

Barriers to attendance may include anxiety about the procedure and the potential of a cancer diagnosis and surgery [36]. And much like bowel cancer screening, there's evidence that these barriers are more common or persistent for some groups of people, including people from non-white ethnic minorities and areas of higher deprivation [37, 38].

Usually, people with a positive FIT are offered an appointment with a specialist nurse or a specialist screening practitioner (SSP). Here, the patient's fitness for a follow-up test is assessed, and they're provided information and counselling to help them make informed decisions about attending further tests. You can play an important role in supporting people to attend their SSP appointment and further tests.

Actions you can take to support attendance

- Explain why follow-up is needed:
 Blood was found in their poo, and
 further tests will help find out why.
- Reassure people: The SSP appointment will help to assess their suitability for follow-up investigations, usually a colonoscopy, and they'll be provided with information and support to help them make an informed decision about further tests. A colonoscopy can help detect cancer early when treatment is more effective or even prevent it by removing polyps. You can signpost to our information on colonoscopies.
- Flag adjustments: Let patients know they can request reasonable adjustments to help make them feel more comfortable, like longer appointments or a preferred gender of the colonoscopist (check what adjustments are available locally).

Practical tips and resources

Use practice data

- Regularly check patient contact details at routine appointments to ensure they receive their screening invitations and can be contacted.
- Ensure non-responders are coded see appendix 4 for the relevant SNOMED/Read code. Make use of IT systems to flag these people and try to engage with them. You could try to identify trends to understand the profile of non-responders locally.
- Flag first-time invitees based on their age. See our steps for engaging with non-responders and first-time invitees.
- Use a flag or alert to identify people eligible for screening who may need extra support. This may include people with disabilities, learning needs or severe mental illness. Practices in England can use the <u>Reasonable Adjustment Flag</u>.

National, regional or practice-level data sources

England

- OHID Fingertips public health profiles
- NHS England cancer screening programme research and statistics
- Cancer Research UK local bowel screening tool

Scotland

 Scottish bowel screening programme statistics

Wales

 Public Health Wales bowel screening programme reports

Northern Ireland

• HSC Public Health Agency core tables

Train staff

- Train all primary care staff (clinical and non-clinical) so that they understand and can confidently explain the purpose of bowel cancer screening and the benefits and harms of taking part, and know where to signpost people to for more information.
- Familiarise all staff with the FIT kit so they can support people with completing the test.
- Understand the differences in how FIT is used for screening compared to investigating people with symptoms. Visit our <u>FIT webpages</u> for more information.
- Keep a test kit for demonstration at your practice. Note that FIT kits vary across the UK (e.g. participants in Scotland must label their own kits).
- Understand how to order replacement kits for people via the relevant national helpline or online forms. For contact details, see appendix 5.

Staff training and information sources

UK-wide

- Cancer Research UK bowel cancer screening hub
- <u>Doctors.net.uk bowel cancer</u> <u>screening hub</u> (login required)
- GatewayC colorectal cancer early diagnosis course

England

• NHS England bowel cancer screening: identifying and reducing inequalities

Scotland

Scottish bowel screening programme
 a guide for professionals

Wales

 Bowel Screening Wales: information for carers and healthcare professionals

Northern Ireland

 Public Health Agency bowel screening resources for health professionals

Nominate leads

- Nominate a dedicated staff member or members who can lead on reviewing practice data, ensuring the relevant SNOMED/ Read codes are implemented and identifying groups who may need more support.
- The lead can also promote staff training and manage the provision of patient information in the practice.

Explore opportunities to work with key partners in your area

Consider liaising with community specialist services to engage people eligible for bowel cancer screening who may benefit from extra support. For example, you could work with community disability teams or voluntary sector organisations in your community who specialise in supporting specific groups (e.g. refugees, mental health charities, learning disability groups, homelessness charities, faith groups and leaders).



Resources and information for patients

Our <u>bowel cancer screening webpages</u> cover key information for the public on what bowel cancer screening is, who's eligible, how to complete the test and the process of getting results in all UK nations.

For nation-specific bowel cancer screening programme information, including translated and easy-read resources, visit:

- GOV.UK for England
- · NHS Inform for Scotland
- Public Health Wales
- · Public Health Agency for Northern Ireland

How to complete your bowel cancer screening test video:

- Video England/generic subtitled version
- · Video Scotland
- Video Wales (English language)/
 Video Wales (Welsh language)
- Video Northern Ireland

How to complete your bowel cancer screening kit step-by-step visual guides:

- Visual guide England
- · Visual quide Scotland
- Visual guide Wales (English language)/
 Visual guide Wales (Welsh language)
- Visual guide Northern Ireland

Bowel cancer screening information wallet cards (free print and delivery to your practice):

- Wallet card England
- · Wallet card Scotland
- Wallet card Wales
- · Wallet card Northern Ireland



How to complete your bowel cancer screening step-by-step visual guide

Bowel cancer screening saves lives

The test can detect possible signs of bowel cancer early. Taking part is easier than you think. If you've been invited and need more information or a new test kit call: freephone 0800 707 6060

nhs.uk/bowel



Bowel cancer screening information wallet card

For bowel cancer screening helplines and replacement kit contacts, see **appendix 5**.

Steps to engage with first-time invitees and non-responders



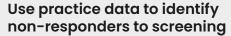
Identify

 Ensure letters from bowel cancer screening centres are coded in patient records if relevant



Use practice data to identify first-time invitees to screening

Search for people approaching their first invitation



 Search the eligible population with a non-response result in the last two years.
 See READ codes



Review lists to exclude people for whom it may be insensitive for the practice to endorse screening.

(Note: they may still be invited by the national programme.)

This may include people who have experienced the following:

- · palliative care
- bowel cancer
- · chronic inflammatory bowel disease
- a colonoscopy in the last two years
- · have opted out of screening
- · are coded as ineligible



Set up prompts and alerts

 Add prompts or alerts to the patient records of non-responders and first-time invitees to support targeted contact



Contact

Consider the interventions that would work best for your practice(s) to engage first-time invitees and non-responders to screening, for example:

- letter
- text message
- telephone call



You could also:

- · display information in your practice
- hold leaflets at reception
- ensure opportunities for people to discuss screening with clinical staff
- remind people of the phone number to request another kit if lost or discarded (hand them a **bowel cancer screening information card**)
- · check details at routine appointments



Check

Evaluate the effectiveness of the intervention.

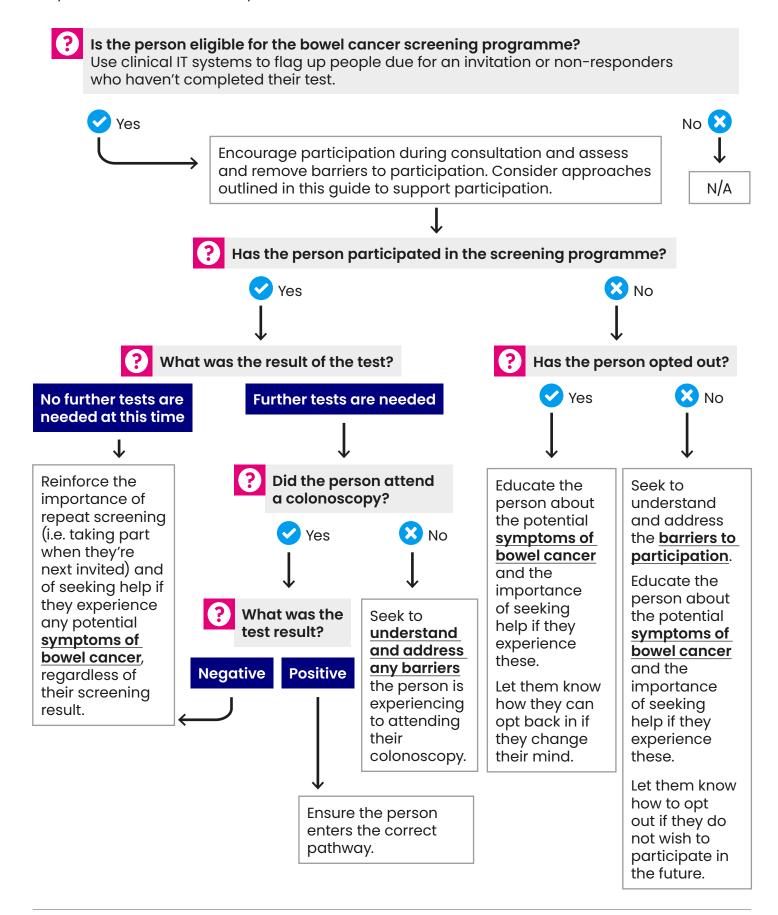
- Code engagement methods used for each patient
- Review which methods have been most effective

Please note these are suggested steps and they may vary by nation.

Safety netting



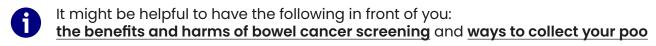
A previous negative bowel cancer screening test result doesn't rule out cancer. If someone experiences any symptoms or changes that aren't normal **for them**, they should contact a health professional.



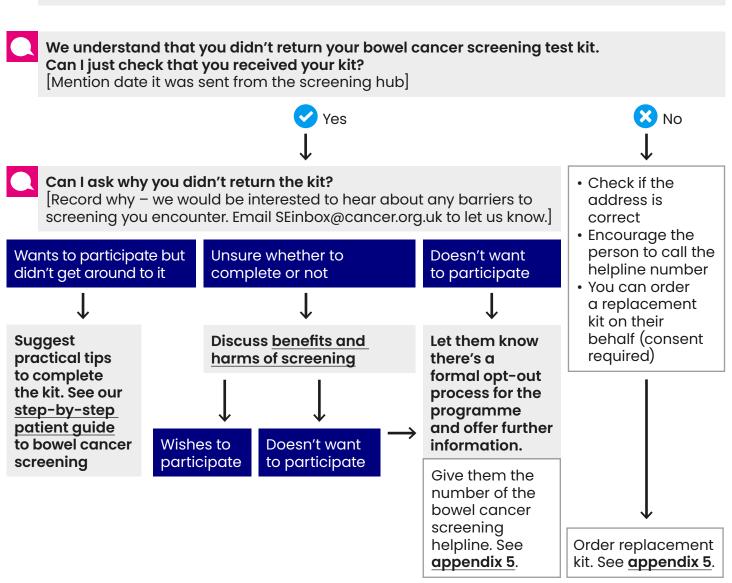
Appendix 1: Sample telephone script



A guide to having a conversation with someone who has not completed their bowel cancer screening kit



Hello, [verify who speaking with]
My name is... I am phoning from... [insert name of GP practice]
There's nothing to worry about, I'm phoning about the bowel cancer screening programme.
Is it okay to have a chat with you about this? [If not, arrange convenient time to call back]



Appendix 2: Sample GP endorsement letter for non-responders



Building on the endorsement templates used in peer review studies, we've produced an example letter that incorporates elements to promote informed consent.

<Insert GP letterhead including GP practice phone number>
Freephone – <see Appendix 5 and include number relevant to nation>

Dear <insert patient name>

We are writing to you to express our support for the NHS bowel cancer screening programme. This is in follow-up to the bowel cancer screening kit that you recently received through the post.

Bowel cancer is the fourth most common cancer in the UK. The aim of the bowel cancer screening programme is to discover bowel cancer at an early stage before symptoms have a chance to develop. The sooner cancer is detected, the easier it is to treat and the more likely it is that the treatment will be successful.

Bowel cancer screening involves collecting a sample of your poo and sending this off for testing in the envelope provided.

Whether or not to do the test is your choice, so you should read the information you were sent with your screening invitation to help you decide.

If you have not received your screening kit or wish to have another sent out to you, please telephone the bowel cancer screening helpline: <Insert your hub's telephone number> or email <insert your hub's email address (appendix 5)>

If you're not sure how to complete the test, visit <u>cruk.org/bowel-screening</u> or speak to your practice nurse who can show you how to do it.

If there is anything else that you'd like to know or discuss about bowel cancer screening, please don't hesitate to contact us.

Yours sincerely Dr <insert name>



You might want to consider sending a copy of <u>How to complete your bowel</u> <u>cancer screening kit</u> with this letter.

Appendix 3: Sample text message



Text messages or text reminders can be used as an alternative to letters. You can use them for engaging non-responders as well as for general promotion of the programme to all eligible people. Some screening services have started to encourage the use of text reminders in practices. This is an emerging intervention that we're closely monitoring to build an evidence base.



Dear **insert patient name**, We have been informed that you have not yet completed your bowel cancer screening test. The doctors at **insert surgery name** encourage you to complete the test ASAP. If you're unsure about the test please talk to us.

Appendix 4: READ codes



Appropriate SNOMED CT/Read codes are useful when recording activity relating to bowel cancer screening and the results of the screening test kits. Consider working with your data quality team to understand how to carry out searches. Here are some suggested codes:*

Description	SNOMED CT	Read code CTv3	Read code V2
Bowel cancer screening programme invitation letter sent	862031000000107	XaZx5	90w5
Advice given about bowel cancer screening programme	382161000000102	ХаРуВ	8Cay
Bowel cancer screening declined	294201000000109	XaN4r	8IA3
BCSP faecal occult blood test negative	375211000000108	XaPkd	686A
BCSP faecal occult blood test positive	375241000000109	XaPke	686B
BCSP faecal occult blood testing kit spoilt	375121000000106	XaPka	6867
BCSP faecal occult blood testing incomplete participation	384241000000100	XaQlz	686C
Provision of written information about BCSP	860781000000108	XaZu9	80A5
No response to bowel cancer screening programme invitation	373251000000108	XaPf6	90w2
BCSP telephone invitation	862011000000104	XaZx4	90w4
Not eligible for bowel cancer screening programme	758851000000101	XaX8y	90w3
BCSP replacement faecal immunochemical test kit requested	1218761000000105	Y36a6	

^{*}These codes may be subject to change, always refer to the <u>NHS Digital SNOMED CT browser</u> for the latest codes.

Appendix 5: Key screening contacts



England

Bowel cancer screening helpline (all hubs) 0800 707 6060

Midlands and North West (Rugby)

Hospital of St Cross Barby Road Rugby Warks CV22 5PX

Email: bowelscreening@nhs.net

South

20 Priestley Road Surrey Research Park Gulldford GU2 7YS

Email: rsc-tr.BCSPSouthernHub@nhs.net

London

Level 5V 013 St Mark's Hospital Watford Road Harrow Middlesex HA1 3UJ Email: Inwh-tr.bcsp@nhs.net

East

University Hospital Queens Medical Centre Nottingham NG7 2UH

Email: nuhnt.bcspeastern@nhs.net

North East

Queen Elizabeth Hospital Sheriff Hill Gateshead NE9 6SX

Email: gan-tr.north-east-bowel-hub@nhs.net

Scotland

Bowel cancer screening helpline
0800 0121 833
or email TAY.scottishbowelscreening@nhs.scot

Order replacement FIT kits online - Scotland

Wales

Bowel cancer screening helpline 0800 294 3370

Order replacement FIT kits online - Wales

Northern Ireland

Bowel cancer screening helpline 0800 015 2514



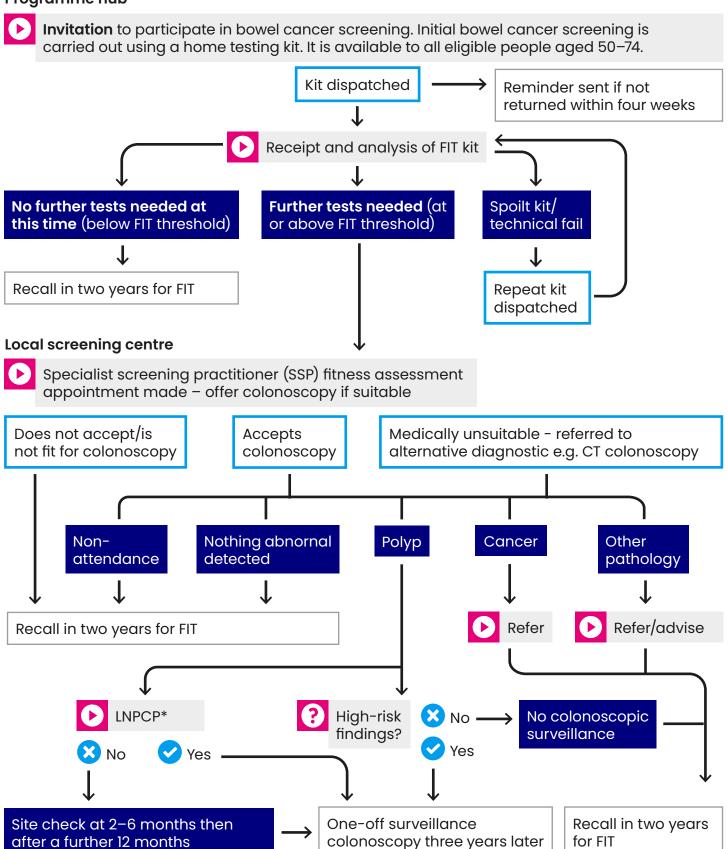


Appendix 6: National screening pathways

The bowel cancer screening pathway in England

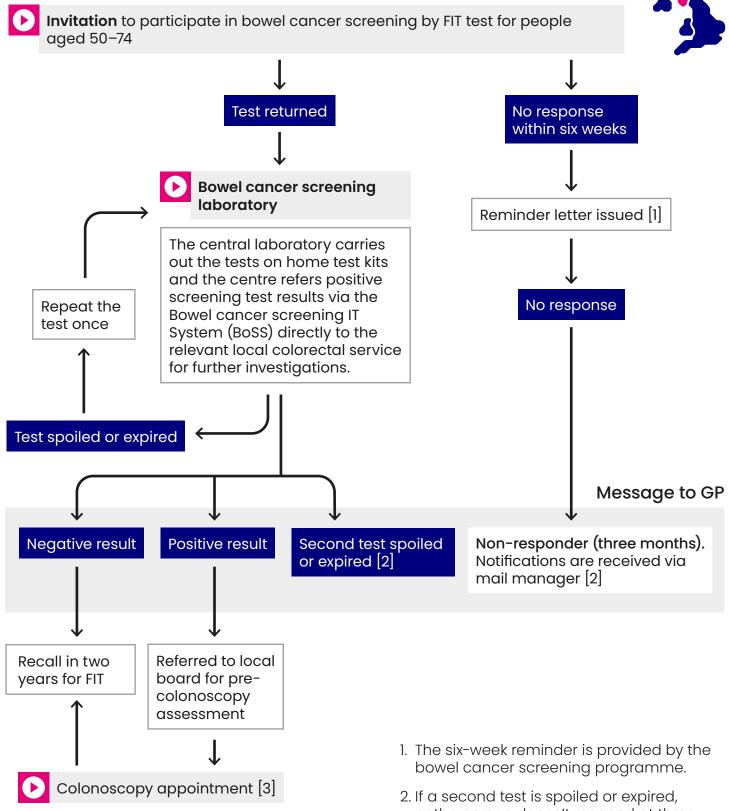


Programme hub



This pathway was produced by NHS England. For info visit <u>NHS bowel cancer screening programme</u> *LNPCP: Large (≥20mm) non pedunculated colorectal polyp

The bowel cancer screening pathway in Scotland



This pathway was produced by NHS National Services Scotland. The supplementary comments (right) are provided by Cancer Research UK.

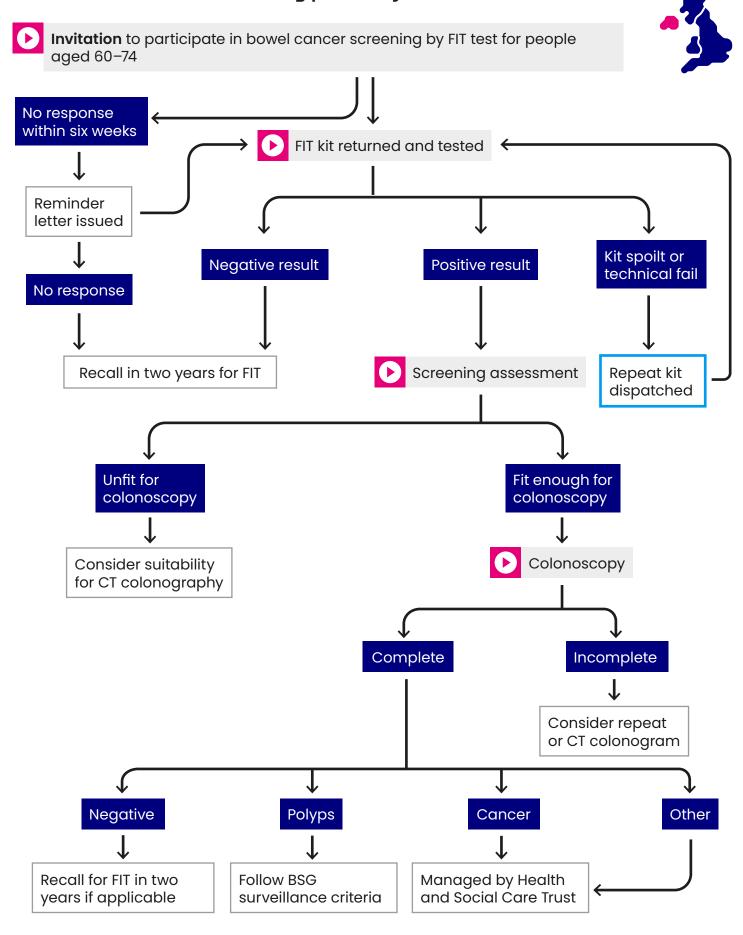
For more information visit <u>Scottish Bowel</u> <u>Screening Programme – a guide for professionals</u>

- 2. If a second test is spoiled or expired, or the person doesn't respond at three months, then no further action is required. This person is re-invited at the next round (rounds take place every two years).
- 3. After the colonoscopy appointment, those with an abnormal result undergo further tests to receive a diagnosis and treatment.

The bowel cancer screening pathway in Wales Invitation to participate in bowel cancer screening by FIT test for people aged 50-74 No response within six weeks FIT test kit returned and tested Negative result Positive result Reminder letter issued No response Screening assessment Recall in two years for FIT Unfit for colonoscopy Fit enough for colonoscopy Colonoscopy Refer to clinician for management Complete Incomplete Consider CT Consider Refer to Clinical and Quality colonogram Assurance for pathway repeat or CT advice if unsuitable for colonogram CT colonogram Polyps Negative Cancer Recall in two years for FIT Refer to Health Board MDT for symptomatic treatment and surveillance Surveillance programme Network MDT for complex polyps and High - colonoscopy at three years where possible, subsequent specialist Low – recall for FIT in two years removal at National Referral Centre without need for surgery

This pathway was produced by Public Health Wales. For more information visit Bowel Screening Wales

The bowel cancer screening pathway in Northern Ireland



This pathway was produced by Public Health Agency.
For more information visit PHA bowel screening for health professionals

References

- Department of Health and Social Care. <u>Fingertips Public Health Data: Bowel</u> Cancer. 2025.
- Public Health Scotland. <u>Scottish bowel</u> <u>screening programme statistics</u>. Accessed August 2025.
- Public Health Wales. <u>Bowel Screening</u> <u>Wales Annual Statistical Report 2022-23</u>. Accessed August 2025.
- 4. HSC Public Health Agency. <u>Director of Public Health Core Tables</u>. Accessed August 2025.
- 5. Stoffel ST, McGregor L, Hirst Y, Hanif S et al. <u>Evaluation of the Call for a Kit intervention</u> <u>to increase bowel cancer screening uptake</u> <u>in Lancashire, England</u>. J Med Screen. 2022.
- 6. Hewitson P, Ward A, Heneghan C et al.

 Primary care endorsement letter and a
 patient leaflet to improve participation in
 colorectal cancer screening: results of a
 factorial randomised trial. Br J Cancer. 2011.
- 7. Hirst Y, Skrobanski H, Kerrison RS et al.

 Text-message Reminders in Colorectal

 Cancer Screening (TRICCS): a randomised
 controlled trial. Br J Cancer. 2017.
- 8. Shankleman J, Massat N, Khagram, L. et al. Evaluation of a service intervention to improve awareness and uptake of bowel cancer screening in ethnically-diverse areas. Br J Cancer. 2014.
- Palmer CK, Thomas MC, von Wagner C et al. <u>Reasons for non-uptake and subsequent</u> <u>participation in the NHS Bowel Cancer</u> <u>Screening Programme: a qualitative study</u>. Br J Cancer. 2014.
- Ekberg M, Callender M, Hamer H et al.
 Exploring the decision to participate in the National Health Service Bowel Cancer
 Screening Programme. Eur J Cancer Prev. 2014.
- 11. von Wagner C, Good A, Smith SG et al.

 Responses to procedural information
 about colorectal cancer screening using
 faecal occult blood testing: the role of
 consideration of future consequences.
 Health Expect. 2012.

- 12. Bennett K, von Wagner C, Robb K.

 Supplementing factual information with patient narratives in the cancer screening context: a qualitative study of acceptability and preferences. Health Expect. 2015.
- 13. Whitelock V. <u>Cancer Research UK's</u>

 2024 Cancer Awareness Measure 'Plus'
 (CAM+). 2024.
- 14. Miles A, Rainbow S, von Wagner C.

 Cancer fatalism and poor self-rated
 health mediate the association between
 socioeconomic status and uptake of
 colorectal cancer screening in England.
 Cancer Epidemiol Biomarkers Prev. 2011.
- 15. Hall NJ, Rubin GP, Dobson C et al. <u>Attitudes</u> and beliefs of non-participants in a population-based screening programme for colorectal cancer. Health Expect. 2015.
- 16. Kobayashi LC, Wardle J, von Wagner C. <u>Limited health literacy is a barrier to</u> <u>colorectal cancer screening in England:</u> <u>evidence from the English Longitudinal</u> <u>Study of Ageing</u>. Prev Med. 2014.
- 17. Young B, Bedford L, Kendrick D et al. <u>Factors influencing the decision to attend</u> <u>screening for cancer in the UK: a meta-ethnography of qualitative research</u>. J. Public Health. 2018.
- Cancer Research UK. <u>Cancer in the UK 2025:</u> <u>Socioeconomic deprivation</u>. Published February 2025.
- 19. Bright D, Hillier S, Song J et al. Inequalities in colorectal cancer screening uptake in Wales: an examination of the impact of the temporary suspension of the screening programme during the COVID-19 pandemic. BMC Public Health. 2023.
- 20. NHSE England. Bowel Cancer Screening
 Annual Report 2021 to 2022. Accessed
 August 2025.
- 21. Quyn AJ, Fraser CG, Stanners G et al. <u>Uptake</u> trends in the Scottish Bowel Screening

 <u>Programme and the influences of age, sex, and deprivation</u>. J. of Medical Screening. 2018.

- 22. Steele RJC, Kostourou I, Mcclements P et al. Effect of Gender, Age and Deprivation on Key Performance Indicators in a Fobtbased Colorectal Screening Programme.

 J. of Medical Screening. 2010.
- 23. White A, Ironmonger L, Steele RJC et al. A review of sex-related differences in colorectal cancer incidence, screening uptake, routes to diagnosis, cancer stage and survival in the UK. BMC Cancer. 2018.
- 24. Kearns et al. The association between longterm conditions and uptake of populationbased screening for colorectal cancer: results from two English cohort studies. Cancer Management and Research. 2018.
- 25. Lo SH, Halloran S, Snowball J et al. <u>Colorectal</u> cancer screening uptake over three biennial invitation rounds in the English bowel cancer screening programme.

 Gut. 2015.
- 26. Creaven A, Creven S et al. Inequality in uptake of bowel cancer screening by deprivation, ethnicity and smoking status: cross-sectional study in 86 850 citizens.

 J. of Public Health. 2023.
- 27. Floud S, Barnes I, Verfürden M et al.

 <u>Disability and participation in breast and bowel cancer screening in England: a large prospective study.</u> Br J Cancer. 2017.
- 28. Campbell C, Douglas A, Williams L,
 Cezard G et al. <u>Are there ethnic and</u>
 religious variations in uptake of bowel
 cancer screening? A retrospective cohort
 study among 1.7 million people in Scotland.
 BMJ Open. 2020.
- 29. Sekhon Inderjit Singh HK, Lal N, Majeed A, Pawa N. <u>Ethnic disparities in the uptake of</u> <u>colorectal cancer screening: An analysis of</u> <u>the West London population</u>. Colorectal Dis. 2021.
- 30. NHS Digital, <u>Health and Care of People</u> with Learning Disaibilities, Experimental Statistics 2021-2022.
- 31. Osborn DP, Horsfall L, Hassiotis A, Petersen I, Walters K, Nazareth I. <u>Access to cancer screening in people with learning disabilities in the UK: cohort study in the health improvement network, a primary care research database. PLoS One. 2012.</u>
- 32. Young B and Robb KA. <u>Understanding</u> patient factors to increase uptake of cancer screening: a review. Future Oncology. 2021.

- 33. Palmer CK, Thomas MC, McGregor LM et al. <u>Understanding low colorectal cancer screening uptake in South Asian faith communities in England a qualitative study</u>. BMC Public Health. 2015.
- 34. Kerrison RS, Jones A, Peng J et al.

 Inequalities in cancer screening
 participation between adults with and
 without severe mental illness: results from
 a cross-sectional analysis of primary care
 data on English Screening Programmes.

 Br J Cancer. 2023.
- 35. Analysis by Cancer Research UK using data for 2023/24 in England on bowel cancer screening uptake and deprivation by GP practice from Fingertips. These differ from the figures reported in the NHS England National Bowel Cancer Screening (NBCS) Report, due to differences in methodology and data coverage. The Fingertips dataset covers approximately 70% of all bowel cancer screening-eligible cases in England. The difference is likely due to small-number suppression in GP-level data and other methodological differences in how screening uptake is aggregated between the two sources.
 - The analysis applies screening uptake from GP practices in the least deprived quintile to GP practices in the other quintiles, while accounting for differences in age (proportion of screening eligible cases aged 70-74 in each GP practice) and CCGs.
- 36. Travis E, Kerrison RS, O'Connor DB, Ashley L.

 Barriers and facilitators to colonoscopy for cancer detection: patient and practitioner perspectives. Psychol Health. 2024.
- 37. Kerrison RS, Gil N, Travis E et al. <u>Barriers</u> to colonoscopy in UK colorectal cancer screening programmes: qualitative interviews with ethnic minority groups. Psycho-Oncology. 2023.
- 38. Kerrison RS, Dahir SM et al. Patient Barriers and Facilitators of Colonoscopy Use: A Rapid Systematic Review and Thematic Synthesis of the Qualitative Literature. Preventive Medicine. 2021.
- 39. Benton S, Butler P, Allen K et al. <u>GP</u>

 <u>participation in increasing uptake in</u>

 <u>a national bowel cancer screening</u>

 <u>programme: the PEARL project</u>. Br J Cancer.

 2017.