Cancer Institute NSW

저희는 주정부 기관으로서 지역사회에 대한 암의 영향을 줄이기 위해 노력하고 있습니다

장 건강과 검진

지역사회 교육 플립차트









For users of this flipchart

This flipchart has been produced by Cancer Institute NSW as a tool to assist in providing information on bowel cancer and bowel cancer screening to women and men from different cultural backgrounds, particularly those eligible to participate in the National Bowel Cancer Screening Program (NBCSP).

The flipchart has two sections:

Section 1 explains how bowel cancer develops, the risk factors for bowel cancer, ways to reduce the risk and the signs or symptoms of bowel cancer.

Section 2 describes the National Bowel Cancer Screening Program and the bowel screening test (why it is so important and how to do it).

The flipchart is designed to be used by bilingual health or community workers /educators talking with community members about bowel screening. It can be used with groups or with an individual.

Users of this flipchart are encouraged to modify the wording provided to suit their particular community.

The flipchart contains a lot of information. However if time is limited, it is possible to use one section only or even just a few pages. The flipchart is designed to be used in whatever way suits the facilitator and participants the best.

Acknowledgements

This resource draws on earlier work, including:

The flipchart resource 'You're looking good on the outside, but what about the inside? Screening for bowel cancer' developed by Queensland Bowel Cancer Screening Program, Queensland Health, in 2008.

The flipchart resource 'It's not shame, it's a part of life' produced by Menzies School of Health Research (on behalf of the Australian Government Department of Health), to assist health workers to talk with Aboriginal and Torres Strait Islander people about bowel cancer and bowel cancer screening, in 2018.

Illustrations were completed by Julie Haysom.

Cancer Institute NSW gratefully acknowledges the contribution and input into this resource by representatives of the multicultural health, community and education sectors who participated in the consultation and development process.

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About bowel cancer

Bowel cancer is the third most common cancer worldwide (after lung and breast cancers).

- Australia has one of the highest rates of bowel cancer in the world.
- Bowel cancer often develops without any early signs or symptoms you can have bowel cancer without knowing it.
- Bowel cancer is one of the most treatable types of cancer if found early. It can be successfully treated in 9 out of 10 cases if detected in the early stages.
- There is a simple, free test you can do at home to find bowel cancer early, which could save your life.

섹션 1

대장암이란



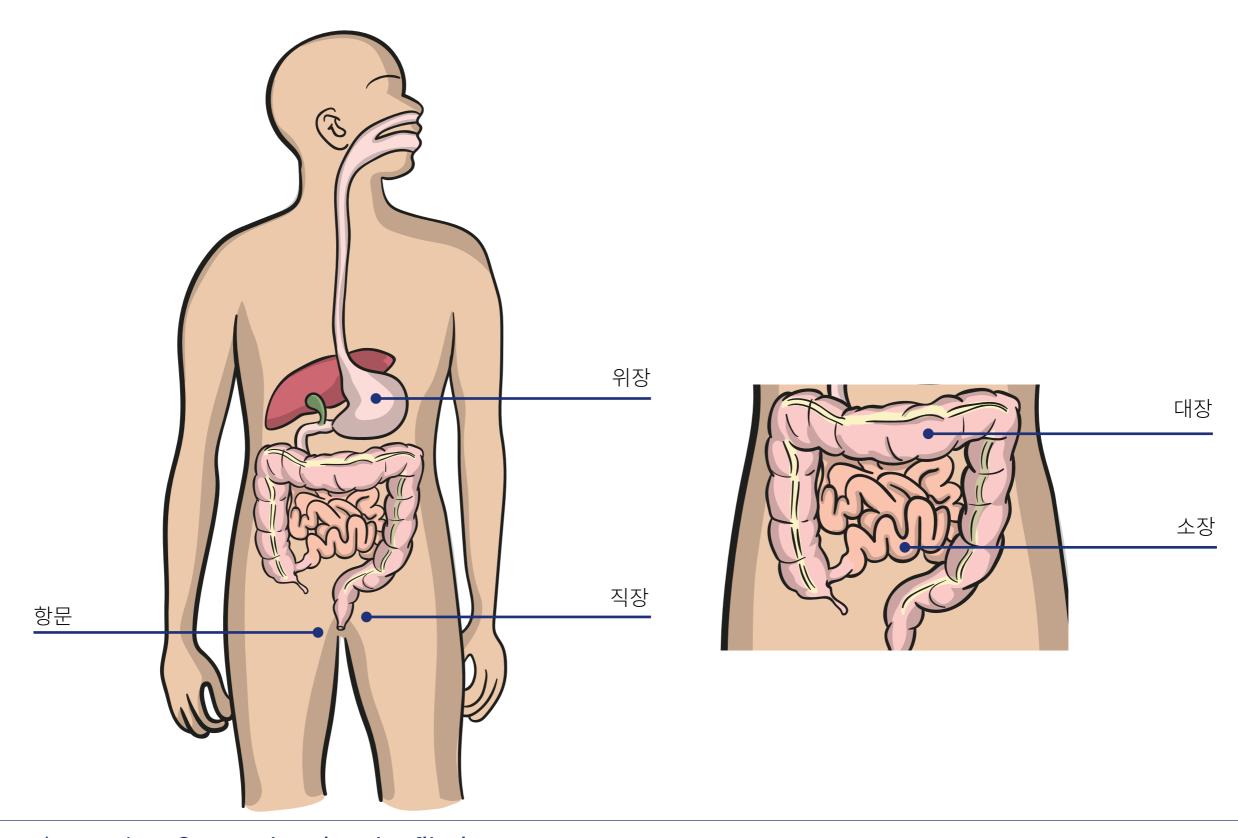
대장암은 전세계적으로 **3** 번째로 흔한 암입니다

What is the bowel?

The bowel connects your stomach to your rectum where waste material (faeces) is stored until passed out from the anus.

- The bowel has 3 main parts:
 - The small bowel takes in the nutrients (goodness) from our food.
 - The large bowel (colon) takes in water and salt.
 - The rectum stores the waste material (faeces).
- The bowel helps digest the food we eat.
- Digestion is when our food and drink are broken down into nutrients for our body to use for energy and to build and support our cells.

장이란 무엇인가?



What is bowel cancer?

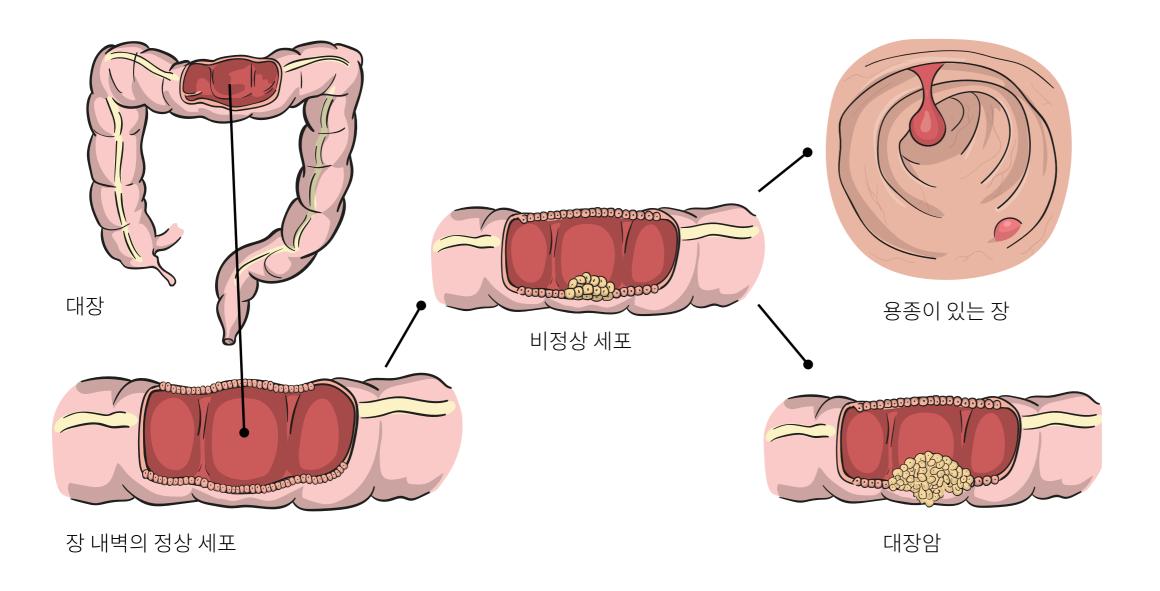
Bowel cancer can take many years to develop and may not show any signs or symptoms in the early stages.

How does bowel cancer develop?

- The bowel is made up of cells. Cells are the basic building blocks of our body that make up tissues and organs.
- For our bowel to stay healthy, old cells are constantly replaced by new cells.
- Sometimes things can go wrong during this process.
- Unlike normal cells, cancer cells don't stop growing. So the cells keep doubling, forming a lump that continues to grow.
- In the bowel, some of these lumps can grow into polyps.
- Polyps are small growths on the lining of the bowel that look a bit like a cherry on a stalk.
- Many polyps are harmless, but some can grow into cancer.
- If polyps are removed, the risk of bowel cancer is reduced.
- If cancerous polyps are not found and removed early, there is a risk that they could grow and eventually spread cancer cells to other parts of the body.

대장암이란 무엇인가?

대장암으로 발전하기까지는 수년이 걸릴 수 있고, 초기에는 아무런 징후나 증상이 나타나지 않을 수도 있습니다



Who is at risk?

For most people, the biggest bowel cancer risk factor is ageing. 9 out of 10 bowel cancers are diagnosed in people over the age of 45.

The risk of bowel cancer is also higher for people who have:

- A family history of bowel cancer. Talk to your doctor about your risk of getting bowel cancer and what testing is right if you have:
 - One close family member who developed bowel cancer under the age of 60 (for example, a parent, brother, or sister); or
 - More than one close family member who had bowel cancer at any age.
- Bowel diseases which cause ongoing inflammation of the bowel.
- Type 2 diabetes.
- Unhealthy lifestyle behaviours (shown in the next slide).

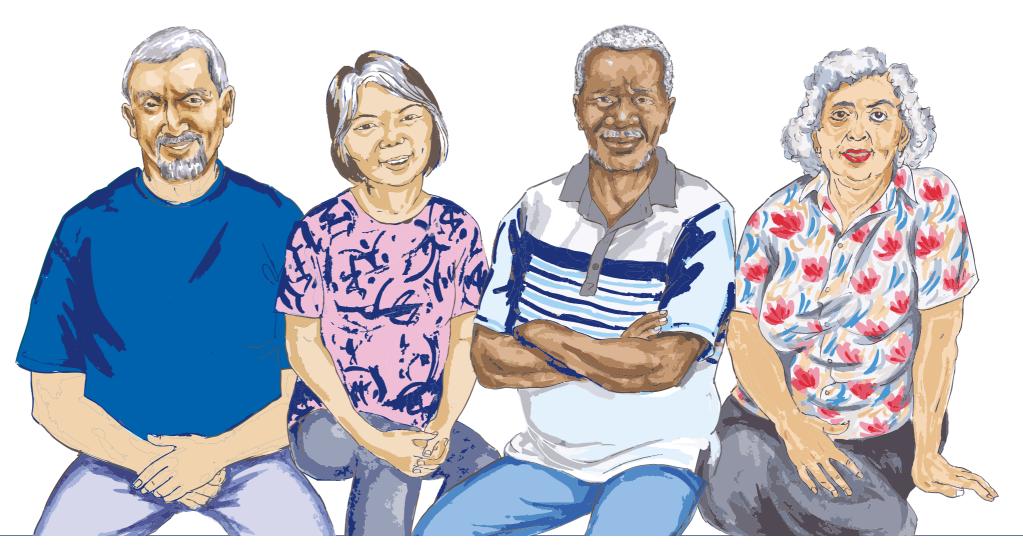
Note: Most people (9 out of 10) **do not** have a higher-than-average risk based on their family history of bowel cancer.

누가 위험군에 속하는가?

대장암 위험 요소들:

- 연령-45세 이상
- 대장암 가족력
- 기존의 장 질병
- 제2형 당뇨병
- 건강하지 않은 생활 습관

가장 큰 위험 요소는 45세 이상의 연령입니다



Lifestyle risk factors

You can reduce your risk of bowel cancer by making healthy lifestyle choices.

One in four bowel cancers in Australia can be attributed to lifestyle factors and men are at higher risk. Lifestyle factors that can increase risk of bowel cancer include:

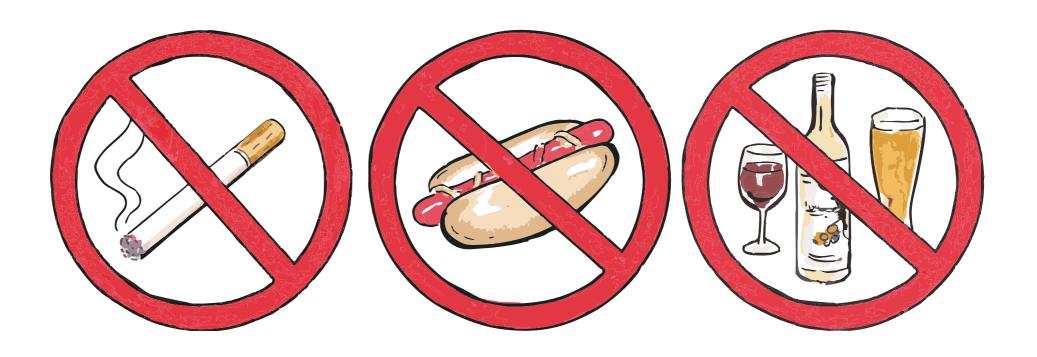
- Smoking.
- What we eat i.e. eating foods which are highly processed (like white bread, biscuits and chips), eating red meat and processed meats (like bacon, ham and salami), and not having enough fibre (fibre is found in fruit and vegetables).
- Drinking alcohol.
- Being physically inactive.
- Being overweight or obese.

생활 습관 상 위험 요소들

호주 내 대장암의 넷 중 하나는 다음과 같은 건강하지 않은 생활 습관으로 인해 발생할 수도 있습니다.

- 흡연
- 잘못된 식습관
- 음주
- 운동 부족
- 과체중이나 비만

건강한 생활 습관을 선택하면 대장암 위험 요소를 줄일 수 있습니다



What can you do to reduce your risk?

You can reduce your risk of bowel cancer by making healthy changes to your lifestyle.

Here are some changes you can make to reduce your risk:

- Avoid smoking and other tobacco products such as shisha and quit or don't start vaping.
- Eat a healthy balanced diet of wholegrain, wholemeal and high fibre foods such as wholemeal bread, brown rice and porridge. Aim for 2 serves of fruit and 5 serves of vegetables each day.
- Eat less red meat and avoid processed meats (like bacon, ham and salami), as well as highly processed foods like white bread, biscuits and chips.
- Avoid alcohol or reduce the amount you drink.
- Be physically active every day.
- Maintain a healthy body weight for you.
- If you are aged 45–74, do a bowel screening test every 2 years.

위험을 줄이려면 어떻게 해야 하는가?

- 금연
- 식이 섬유가 풍부한 음식 섭취
- 붉은색 고기와 가공육 섭취 줄이기
- 절주
- 매일 신체적으로 활동하기
- 건강한 체중 관리
- 45-74세 사이의 경우 매 2년마다 장 검사 실시



Are there any signs and symptoms?

Bowel cancer usually has no signs or symptoms in the early stages. This is why regular bowel screening is essential, even if you feel well and everything seems normal.

However, in some cases signs and symptoms of bowel cancer can include:

- Blood in your faeces-there might be blood on the toilet paper or in the water after a bowel movement.
- Unexplained tiredness.
- Stomach pain.
- A sudden and persistent change in toilet habits. For example, having looser bowel movements (diarrhoea) or straining to have a bowel movement (constipation).
- Unexplained weight loss.
- An iron deficiency (anaemia).

If you have any of these symptoms, it does not necessarily mean that you have bowel cancer, but you should follow up with your doctor.

징후나 증상이 있는가?

대장암은 보통 초기에는 아무런 징후나 증상이 없습니다

그러나 일부 경우, 다음과 같은 대장암 증상이 나타나기도 합니다:



About the National Bowel Cancer Screening Program

The National Bowel Cancer Screening Program (the Program) mails out free kits to eligible people aged 45 to 74 for them to complete at home.

- The Program has been funded by the Australian Government since 2006.
- The Program aims to reduce deaths from bowel cancer through early detection and is one of the most life-saving public health programs in Australia.
- People aged 45–49 can request their first kit be sent to them at www.ncsr.gov.au/boweltest, or by calling 1800 627 701. After screening for the first time, future test kits will be mailed to them automatically.
- People aged 50–74 will automatically be mailed a kit every 2 years to their address recorded with Medicare. First time screeners will get a kit within 6 months of their 50th birthday.
- Those who don't do the test will be invited again every 2 years. Those who do the test and get a negative result will be invited again 2 years from the date of their test result.

섹션 2

국민 대장암 검진 프로그램 소개



What is a bowel screening test?

A bowel screening test can detect changes in the bowel long before you would notice any signs or symptoms.

- A bowel screening test involves taking 2 small stool (faeces) samples in the privacy of your own home and posting them for testing in the supplied reply paid envelope.
- Bowel cancer or polyps can grow on the inside of the bowel and can leak tiny amounts of blood which are invisible to the eye.
- The test is looking for any tiny traces of blood in the stool samples which might indicate a growth inside the bowel.
- If found in the early stages, 9 out of 10 bowel cancers can be successfully treated.

장 검사란?

- 징후나 증상이 나타나기 훨씬 전에 장 내 변화 유무를 검사를 통해 찾을 수 있다
- 45-74세 국민은 매 2년 마다 무료 진단 키트를 받는다

조기 발견될 경우, 대장암 10건 중 9건은 치료가 가능합니다



Who should do a bowel screening test?

Nearly all people aged 45–74 should do a test every 2 years.

- However, if you have any signs or symptoms of bowel cancer or a higher-than-average risk of bowel cancer due to your family history (see slide 4 for more detail), talk to your doctor as soon as possible as you may need to have a different test.
- You also may not need to do the test if you have had a recent colonoscopy or are seeing your doctor about bowel problems.

누가 장 검사를 받아야 하는가?

45-74세의 거의 모든 사람들은 매 2년 마다 검사를 받아야 합니다.

다음의 경우에는, 의사와 상담하세요:

- 대장암 징후나 증상이 있다
- 대장암 가족력이 있다
- 최근에 대장내시경 검사를 하였다



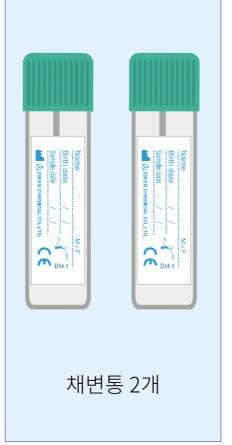
What's in the kit?

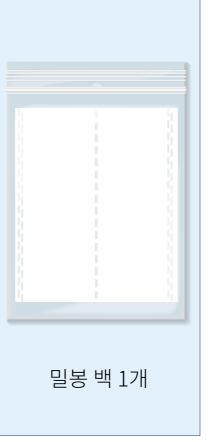
In your kit you will find everything you need to do the test:

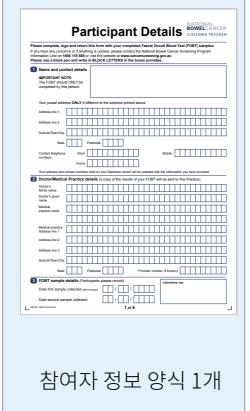
- 2 toilet liners (these are to catch your bowel movement so you can take 2 small samples). These are biodegradable and can be flushed down the toilet when you are done.
- 2 collection tubes with collection sticks inside (these tubes are to store your 2 samples and contain a preserving agent).
- 1 ziplock bag with 2 compartments (this is to store your collection tubes and further protect them from touching anything whilst being stored at home).
- Participant details form (to be completed and submitted with your samples).
- 1 reply paid envelope (this is used to post your samples back to the pathology lab).

키트의 내용물











How to do the test

STEP 1 – Prepare

- 1. Write your name, date of birth and date you do the test on one of the tubes.
- 2. Do a wee and flush the toilet.
- 3. Put one toilet liner in the toilet with the writing facing up. It's ok if it gets wet.

STEP 2 - Collect

- 1. Do your bowel movement onto the toilet liner.
- 2. Twist open the collection tube.
- 3. Drag the tip of the stick through the bowel movement. The sample only needs to be tiny.
- Put the stick back into the tube and click it shut.
- 5. Flush the biodegradable liner down the toilet.
- 6. Put the tube into the ziplock bag.
- 7. Put the bag somewhere cool, such as a fridge (don't freeze).

STEP 3 – Repeat

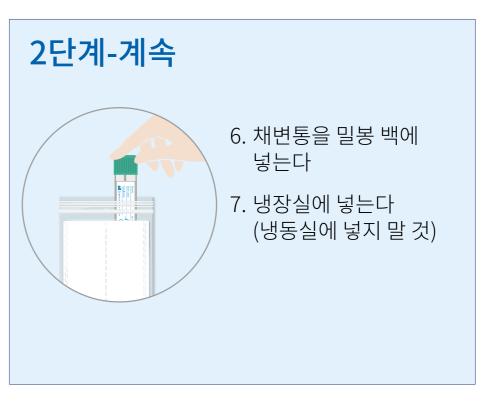
1. Repeat steps 1 and 2 using the other tube when you have your next bowel movement. Ideally, try to collect both samples within 3 days of each other.

Turn over for Step 4

검사 방법









Posting the test

STEP 4 - Send

- 1. Complete the participant details form (write the dates your samples were taken and sign the form).
- 2. On the envelope, sign the front and write your name and address on the back.
- 3. Put the form and the samples in the envelope.
- 4. Mail the envelope.

Keeping your samples safe

- The samples are sensitive to heat and time.
- The samples need to stay cool for as long as possible, so do not leave them in a hot place such as a car.
- Store samples in the fridge but never freeze them.
- Mail your samples as soon as possible (within 24hrs of taking your second sample if possible).
- Place it in a mailbox in the cooler part of the day or take it to the post office.

Consider using a sample bowel screening test kit to demonstrate how to do the test. www.health.gov.au/nbcsp-demo-kit

검사물을 우편으로 보내기

4단계-보내기 1. 참여자 정보 양식을 Participant Details 작성한다 2. 봉투에 이름과 주소를 기입하고 서명을 한다 3. 정보 양식과 샘플을 봉투에 넣는다 4. 즉시 우편으로 발송한다

샘플을 안전하게 보관하기

- 냉장실에 보관한다-더운 곳에 두지 않는다
- 가능한 속히 발송한다
- 하루 중 좀더 서늘한 시간에 우체통에 넣거나 우체국으로 가져간다

When not to do the test

The test looks for blood in your bowel movement, so don't do the test if:

- You have haemorrhoids which are bleeding. If this happens, see your doctor.
- You have your menstrual period. Wait for 3 days after your period before doing the test.
- There is blood in your urine or blood in the toilet bowl. If this happens, see your doctor.
- You are having treatment for bowel problems.
- You are booked for a colonoscopy in the next few weeks or if you have had a recent colonoscopy.

Note: There is no need to change your normal diet or stop taking any regular prescribed medications before doing the test.

검사를 실시하지 말아야 하는 경우

검사를 통해 장 내의 출혈을 파악하는 것이므로 다음의 경우 검사를 하지 않습니다:

- 출혈성 치질이 있다
- 생리 중이다
- 소변에 혈액이 섞이거나 화장실 변기에 혈흔이 있다
- 장 문제로 치료를 받고 있다
- 곧 대장내시경 검사를 할 것이다
- 최근에 대장내시경 검사를 받았다

What happens next?

You will receive a result notification letter in the mail within 4 weeks of posting the samples.

A negative test result

- If your test is negative it means no blood was found. You don't need to do anything, just do another test in 2 years' time.
- Talk to your doctor if you have any symptoms before your next test. The test is very accurate but a negative result does not mean that you definitely don't have bowel cancer or can never develop bowel cancer.

A positive test result

- If your test is positive it means blood was found. You will need to see a doctor for a check-up and maybe some more tests.
- If the test is positive it does not necessarily mean you have cancer.
- Bleeding may be caused by a number of conditions, including polyps, haemorrhoids or inflammation, and may not be cancer related.
- But it is important to find out why there is blood in your sample.

다음 절차는?

Rabus de la company de la comp

RESULTS NOTIFICAM

검사 결과-의미:

결과가 음성인 경우 출혈이 없었다는 의미입니다. 2년 뒤에 다시 검사합니다.



결과가 양성인 경우 출혈이 발견되었다는 의미입니다. 해당 결과가 반드시 암이라는 의미는 아니지만, 의사와 상담하여 혈변의 원인을 파악하여야 합니다.

After a positive test result

After a positive test result, it is important to see your doctor as soon as possible so you can receive a referral for another test, usually a colonoscopy.

- The aim of a colonoscopy is to look inside the bowel and find out why you have blood in your bowel movement.
- During a colonoscopy a doctor inserts a tiny camera into the rectum to look for polyps or cancerous growths.
- You will receive some sedation for the procedure so you won't feel any pain.
- The day before the colonoscopy you will need to have a special drink to help empty your bowel. This will allow the camera a clear view of your bowel. You will need to be near a toilet all day.
- Some areas in NSW have a free, fast-track referral service for people with a positive bowel screening test (called Direct Access Colonoscopy). If you need a colonoscopy your GP should discuss referral options with you. You or your GP can find out more at the following website: www.cancer.nsw.gov.au/dac.

Results

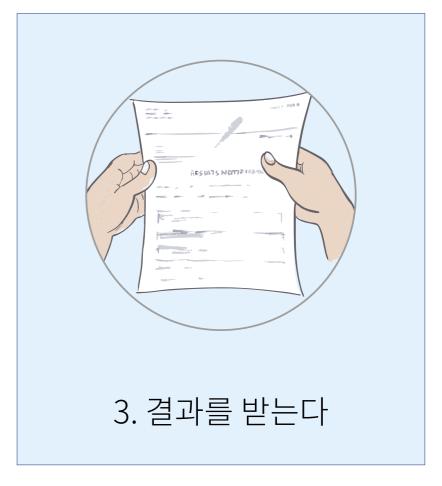
There are a number of possible findings of a colonoscopy:

- **Nothing (clear)** No polyps or cancer. You should do the home test kit again in around 4 years. A kit will be sent to you by the National Bowel Cancer Screening Program.
- **Polyps** The doctor will usually remove them when doing the colonoscopy. You may need another colonoscopy in 2-5 years (discuss this with your doctor).
- Cancer May need surgery or other treatment (to be determined by a doctor). If found early, the chance of successful treatment is very high.
- Other conditions The colonoscopy may find other bowel conditions. Your doctor will discuss these with you.

검사에서 양성 반응이 나온 경우







For more information

- Visit the Program website at www.health.gov.au/nbcsp.
- Access a range of translated materials by visiting www.health.gov.au/nbcsp-translations
 (including test kit instructions, an information booklet and invitation/result letters).
- Visit **www.dothetest.com.au** for web information in a number of languages (select from 'Language options' in the top right hand corner to change language).
- Order a kit online at www.ncsr.gov.au/boweltest or by scanning the QR code. Use this form if:
 - You are aged 45-49 and would like to request your first kit
 - You are 45-74 and haven't received your last kit, or if your last kit is damaged, lost or expired.
- Check your eligibility, find out when you will get your next kit, update your contact details or order a kit by:
 - Logging in to the National Cancer Screening Register Participant Portal at www.ncsr.gov.au/information-for-participants
 - Calling the National Cancer Screening Register on 1800 627 701 (or calling the Translating and Interpreting Service on 13 14 50 for help in your language)
- You can also ask your doctor about getting a bowel screening kit.

더 자세한 정보 및 키트를 받을 수 있는 장소를 알아보시려면:

국립 대장암 진단 검사 프로그램 웹사이트를 참조하세요: www.health.gov.au/nbcsp

번역본 이용:

www.health.gov.au/nbcsp-translations www.dothetest.com.au

온라인으로 키트 주문: www.ncsr.gov.au/boweltest 혹은 아래의 QR 코드 스캔

기타 문의사항 (혹은 키트 주문)은 국립 암 검진 등록부 **1800 627 701**에 연락하거나 통번역 서비스 **13 14 50** (한국어 지원 요청)으로 전화하세요.

대장암 검진 키트에 대해 의사에게 문의하세요



Facilitator notes

Summary

So what are the important take home messages we have learnt today?

- 1. Bowel can cancer develop over a long period, without any obvious signs.
- 2. A screening test can detect changes in your bowel early.
- 3. If found early, 9 out of 10 bowel cancers can be successfully treated.
- 4. Do the test when it comes in the post.

요약

4가지 핵심 사항

- 대장암은 오랜 기간에 걸쳐 뚜렷한 징후 없이 진전될 수 있다
- 검진 검사로 장 내 변화를 조기에 발견할 수 있다
- 조기 발견될 경우, 대장암 10건 중 9건은 치료가 가능하다
- 검사 키트를 받으면 검사를 한다



National cancer screening programs

Cancer screening is the use of simple tests to look for early signs of cancer, or conditions that may cause cancer.

- Screening tests can find cancer before you can see or feel any changes to your body. When you find cancers early, they are easier to treat successfully.
- In Australia there has been 3 national screening programs in place for many years.
 These are for bowel, breast and cervical cancers.
- A National Lung Cancer Screening Program is being established and will commence from July 2025. The Program will target people aged 50–70 who are at high risk of lung cancer, and who have no symptoms.
- If you are unsure about doing a screening test, talk to your doctor to help you decide.

국립 암 검진 프로그램

검진 검사를 통한 조기 발견으로 생명을 구할 수 있습니다





PROGRAM

A joint Australian, State and Territory Government Program





Breast screening

All women over 40 are eligible for breast screening with BreastScreen NSW. Women aged 50–74 should have a breast screen (mammogram) every 2 years.

- A mammogram (also called a breast x-ray) is the best way to find breast cancer early before you can notice any changes.
- Mammograms through BreastScreen NSW are free and a doctor's referral is not needed.
- Almost all women who find their breast cancer in the early stages will get better and get back to their normal lives.
- Most women diagnosed with breast cancer do not have a family history.
- The breast screen is done in private by a female radiographer.
- Call **13 20 50** or visit the BreastScreen NSW website to book a free breast screen. There are many sites available so you can choose a date, time and location that suits you.
- Call **13 14 50** if you need someone who speaks your language to help you book the appointment.
- More information is available in 25+ different languages on the BreastScreen NSW website.

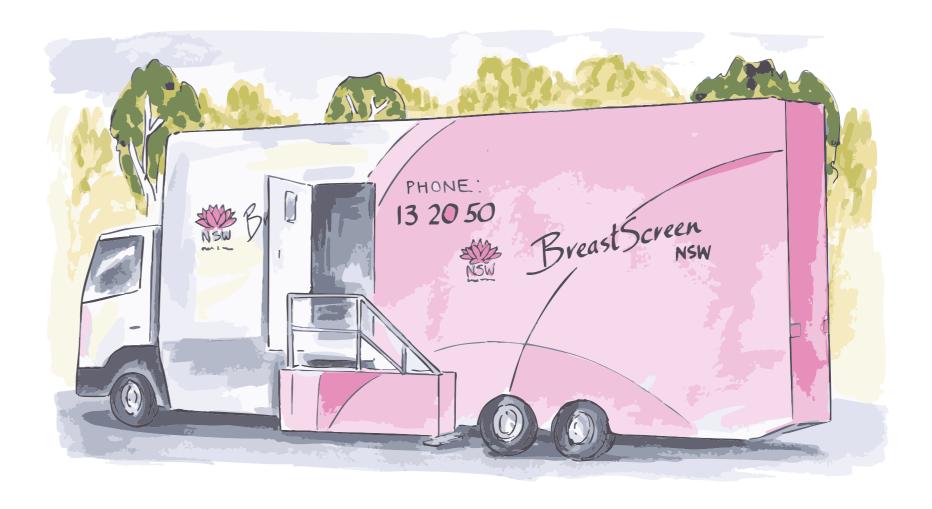
유방암 검진

BreastScreen NSW는 무료이며, 의사의 의뢰서가 필요 없습니다.

40세 이상의 모든 여성은 BreastScreen NSW에서 유방 검진을 받을 수 있습니다.

13 20 50 으로 전화하거나 www.breastscreen.nsw.gov.au 에서 온라인으로 예약하세요.

통역사를 이용하시려면 **13 14 50**으로 전화하세요. 50 - 74세 여성은 2년마다 유방 검진을 받도록 권장됩니다.



Cervical screening

- Cervical cancer can be prevented by having the Cervical Screening Test, because it looks for an infection called Human Papillomavirus (HPV) which causes almost all cervical cancers.
- Women aged 25–74 who have ever been sexually active-even if you have had the HPV vaccine -should have a Cervical Screening Test every 5 years.
- You can book a Cervical Screening Test with your local doctor or nurse. You don't need to go to a specialist doctor.
- There are two options for having a Cervical Screening Test: to take your own sample from your vagina using a swab or have a doctor or nurse collect your sample with a speculum.
 Speak to your doctor or nurse to discuss your options.
- The Cervical Screening Test is free when you're due but your doctor may charge a consultation fee.
- You can ask for a female doctor or nurse to perform the test.
- Most people will be asked to have another Cervical Screening Test in 5 years. This means the result is normal and no HPV infection was found.
- Book an appointment with your doctor or nurse.

Note: If it's been more than 5 years since your last test or you have never had a test before, you should book an appointment as soon as possible.

자궁경부 검진

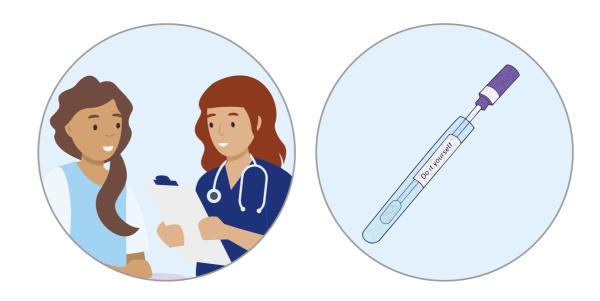
자궁경부 검진은 암을 유발하는 HPV 감염을 찾음으로써 자궁경부암을 예방합니다.

자궁경부 검진 검사를 하는 데는 두 가지 옵션이 있습니다.

- 면봉을 사용하여 자신의 질에서 직접 샘플을 채취할 수 있습니다.
- 의사나 간호사가 검경을 사용하여 샘플을 채취할 수 있습니다.

두 가지 옵션을 상의하기 위해 담당 의사나 간호사와 검사 예약을 하세요.

25-74세 여성들은 매 5년 마다 자궁경부암 검사를 해야 합니다



Lung screening

- A National Lung Cancer Screening Program commences in Australia in July 2025.
- The program aims to increase early diagnosis and improve survival from lung cancer.
- The program will use low-dose CT (computed tomography) scans to look for lung cancer in people aged 50–70 who:
 - Have no symptoms of lung cancer
 - Have a '30-pack year' history of smoking and still smoke cigarettes or have stopped smoking in the last 10 years.
- The term 'pack-year' is a way of measuring the number of cigarettes a person has smoked in their lifetime. Pack-years are calculated by multiplying the number of cigarette packs smoked per day by the number of years the person has smoked. For example, 30 pack-years is equal to smoking 20 cigarettes (1 pack) per day for 30 years.
- A doctor can check eligibility based on your age and smoking history.
- For more information visit www.health.gov.au/nlcsp.
- For help to stop smoking or vaping call NSW Quitline on 13 7848.

Note on symptoms: Whether they smoke or not, participants should speak to a doctor as soon as possible if they have a cough or chest infection that won't go away, breathlessness, a change in their voice or are coughing up blood.

폐암 검진

호주에서 2025년 7월에 국가 폐암 검진 프로그램이 시작됩니다.

이 프로그램은 저선량 CT (컴퓨터 단층 촬영) 스캔을 사용하여 다음에 해당하는 50~70세의 사람들로부터 폐암을 탐지합니다.

- 폐암 증상이 없는 사람
- '30-pack year'의담배를 피웠고 여전히 흡연자 이거나 지난 10년 내에 금연한 경우

흡연 이력은 하루에 피운 담배 갑 수에 흡연 연수를 곱하여 계산합니다. 예를 들어, 30 'pack-years'는 30년 동안 하루에 20개비 (1갑)의 담배를 피운 것과 같습니다.

의사는 나이와 흡연 이력을 묻는 방식으로 검진 자격 여부를 확인할 수 있습니다.

금연 또는 전자담배 사용 중단을 위해 도움이 필요하시면 NSW Quitline 13 7848로 전화하세요.



Cancer Institute NSW

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업무 시간: 월요일에서 금요일, 오전 9시 - 오후 5시

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SHPN: (CI) 250062-8 ISBN: 978-1-74231-037-4 (online)

