



Colorectal cancer (bowel cancer)

Information for patients from the Association of Coloproctology of Great Britain and Ireland (ACPGBI)

Colonic cancer can occur anywhere in the colon. The cells that line the colon may become damaged such that they begin to divide in an uncontrolled way. This may lead to the formation of a polyp or eventually a cancer. Colonic cancer is the third most common cancer in men and the second most common cancer in women in the UK, with 40,000 cases diagnosed each year.

What are the symptoms?

Common symptoms include:

- Bleeding from the back passage
- A change in the frequency of bowel activity
- Abdominal pain
- Weight loss and poor appetite.

However these symptoms are very common and are usually not due to colonic cancer.

How is the diagnosis made?

To make a diagnosis of colonic cancer it is essential to examine the colon either with a flexible telescope (flexible sigmoidoscope or colonoscope) or a special test called CT colonography.

During colonoscopy, if a cancer is seen a tiny portion of tissue (biopsy) is taken from the cancer for laboratory examination and a tattoo is often placed to identify the site of the suspected tumour. In addition, a CT scan will be arranged to examine the lungs and liver to check that the cancer has not spread.

How can it be treated?

The best chance of curing colonic cancer is with an operation. This operation aims to remove the segment of colon with the cancer in it, along with the blood supply and lymph nodes (glands) that supply it. The type of

operation will depend on the location of the cancer.

- **Right hemicolectomy** involves removing the appendix and colon on the right side of the body and joining the small bowel back up to the colon, so that the bowel works normally.
- **Left hemicolectomy** or sigmoid colectomy involves removing the colon on the left side of the body and joining the bowel back up together, so that the bowel works normally.
- **Subtotal colectomy** involves removing the whole colon and usually joining the small bowel to the rectum.

These are the most common types of operations, but there are others which may be discussed and can be fully explained by your surgeon.

These operations can be done with single large incision (open surgery) or multiple small incisions (keyhole or laparoscopic surgery). The way in which the operation is to be performed depends on a number of factors relating to you, the cancer, and your surgeon.

Is a stoma necessary?

A colostomy or artificial opening of the colon on to the abdominal wall, is not usually necessary in these operations. The possibility of needing a stoma will be discussed with you, and if it is needed you will get all the support that you need.

Are there any other forms of treatment?

- **Chemotherapy.** Once you have recovered from your surgery and the cancer has been thoroughly examined by the pathologist, it may be appropriate to recommend a course of chemotherapy. This will depend upon your general state of health and the stage of the cancer. The stage of cancer gives an indication as to whether the cancer has spread to other organs(usually the glands close to the bowel, the liver, or lungs). The stage of cancer is assessed by a combination of the tests that you had before your operation (CT scans) and the pathologist's opinion when the cancer is examined under the microscope. If chemotherapy is recommended then you will be able to discuss it further with a specialist in this field (oncologist).
- **Liver surgery.** If the cancer has spread to the liver it may still be possible to attempt to cure the cancer by removing a segment of the liver during an operation. If this is recommended then you will be able to discuss it further with a specialist in this field (hepatobiliary surgeon).
- **Colostomy.** Some cancers can cause a blockage to the bowel and it may be recommended that a colostomy be performed to prevent this. This is particularly the case if you are very frail or the cancer has spread to many other organs.

Before any decisions are made, all treatment options will be discussed fully with you and the people important to you (with your permission).

What are the chances of a cure?

Appropriate surgery offers the best chance of a cure, possibly combined with chemotherapy. The earlier the cancer is detected and treated then the more likely the cure. In early cancers the cure rate is greater than

90%, in cancers at a more advanced stage then the chances of cure are less than 50%.

Will I need to be seen again?

You will be checked on a regular basis following your treatment. The frequency with which you will be seen will depend on the stage of cancer and will be tailored to your own particular needs. This will usually include visits to the clinic, CT scans, and colonoscopy.

Produced with grateful acknowledgement to The Association of Coloproctology of Great Britain and Ireland (ACPGBI) (<https://www.acpgbi.org.uk/>).

This leaflet has been produced with and for patients.

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Any complaints, comments, concerns, or compliments please speak to your doctor or nurse, or contact the Patient Advice and Liaison Service (PALS) on 01227 783145 (tel://+441227783145), or email ekh-tr.pals@nhs.net (ekh-tr.pals@nhs.net)

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Further patient leaflets are available via the East Kent Hospitals website (<https://www.ekhuft.nhs.uk/information-for-patients/patient-information/>).

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