



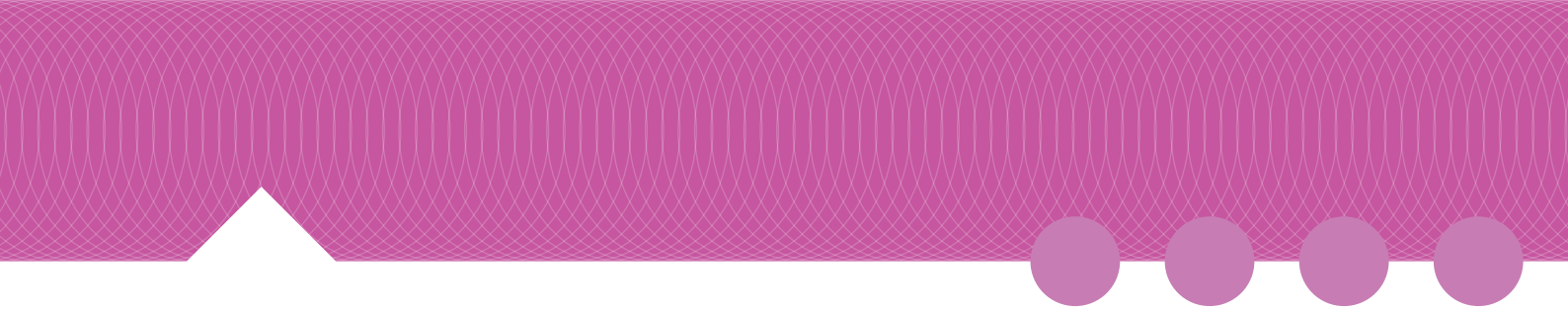
Dietary Guidelines

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PEOPLE WITH CANCER HAVE DIFFERENT DIET NEEDS





People with cancer often need to follow diets that are different from what they think of as healthy. For most people, a healthy diet includes:

- Lots of fruits and vegetables, and whole grain breads and cereals
- Modest amounts of meat and milk products
- Small amounts of fat, sugar, alcohol, and salt

When you have cancer, though, you need to eat to keep up your strength to deal with the side effects of treatment. When you are healthy, eating enough food is often not a problem. But when you are dealing with cancer and treatment, this can be a real challenge.

When you have cancer, you may need extra protein and calories. At times, your diet may need to include extra milk, cheese, and eggs. If you have trouble chewing and swallowing, you may need to add sauces and gravies. Sometimes, you may need to eat low-fiber foods instead of those with high fiber. Your dietician can help you with any diet changes you may need to make.

CANCER TREATMENT CAN CAUSE SIDE EFFECTS THAT LEAD TO EATING PROBLEMS

Cancer treatments are designed to kill cancer cells. But these treatments can also damage healthy cells. Damage to healthy cells can cause side effects. Some of these side effects can lead to eating problems.

Common eating problems during cancer treatment include:

- Appetite loss
- Changes in sense of taste or smell
- Constipation
- Diarrhoea
- Dry mouth
- Lactose intolerance
- Nausea
- Sore mouth
- Sore throat and trouble swallowing

- Vomiting
- Weight gain
- Weight loss

Some people have appetite loss or nausea because they are stressed about cancer and treatment. People who react this way almost always feel better once treatment starts and they know what to expect.

THINGS TO DO AND THINK ABOUT BEFORE YOU START CANCER TREATMENT

- Until treatment starts you will not know what, if any, side effects or eating problems you may have. If you do have problems, they may be mild. Many side effects can be controlled. Many problems go away when cancer treatment ends
- Think of your cancer treatment as a time to get well and focus just on yourself.
- Eat a healthy diet before treatment starts. This helps you stay strong during treatment and lowers your risk of infection.
- Go to the dentist. It is important to have a healthy mouth before you start cancer treatment.
- Ask your doctor, nurse, or dietician about medicine that can help with eating problems.
- Discuss your fears and worries with your doctor, nurse, or social worker. He or she can discuss ways to manage and cope with these feelings.

WAYS YOU CAN GET READY TO EAT WELL

- Fill the refrigerator, cupboard, and freezer with healthy foods. Make sure to include items you can eat even when you feel sick.
- Cook some foods ahead of time and freeze in meal-sized portions.

NOT EVERYONE HAS EATING PROBLEMS DURING CANCER TREATMENT

- There is no way to know if you will have eating problems and, if so, how bad they will be. You may have just a few problems or none at all. In part, this depends on the type of cancer you have, where it is in your body, what kind of treatment you have, how long treatment lasts, and the doses of treatment you receive.
- During treatment, there are many helpful medicines and other ways to manage eating problems. Once treatment ends, many eating problems go away. Your doctor, nurse, or dietitian can tell you more about the types of eating problems you might expect and ways to manage them. If you start to have eating problems, tell your doctor or nurse right away.

TALK WITH YOUR DOCTOR, NURSE, OR DIETITIAN ABOUT FOODS TO EAT

- Talk with your doctor or nurse if you are not sure what to eat during cancer treatment. Ask him or her to refer you to a dietitian. A dietitian is the best person to talk with about your diet. He or she can help choose foods and drinks that are best for you during treatment and after.
- Make a list of questions for your meeting with the dietitian. Ask about your favourite foods and recipes and if you can eat them during cancer treatment. You might want to find out how other patients manage their eating problems. You can also bring this book and ask the dietitian to mark sections that are right for you.
- If you are already on a special diet for diabetes, kidney or heart disease, or other health problem, it is even more important to speak with a doctor and dietitian. Your doctor and dietitian can advise you about how to follow your special diet while coping with eating problems caused by cancer treatment.

WAYS TO GET THE MOST FROM FOODS AND DRINKS

During treatment, you may have good days and bad days when it comes to food. Here are some ways to manage:

Dietary Guidelines

- Eat plenty of protein and calories when you can. This helps you keep up your strength and helps rebuild tissues harmed by cancer treatment.
- Eat when you have the biggest appetite. For many people, this is in the morning. You might want to eat a bigger meal early in the day and drink liquid meal replacements later on.
- Eat those foods that you can, even if it is only one or two items. Stick with these foods until you are able to eat more. You might also drink liquid meal replacements for extra calories and protein.
- Do not worry if you cannot eat at all some days. Spend this time finding other ways to feel better, and start eating when you can. Tell your doctor if you cannot eat for more than 2 days.
- Drink plenty of liquids. It is even more important to get plenty to drink on days when you cannot eat. Drinking a lot helps your body get the liquid it needs. Most adults should drink 8 to 12 cups of liquid a day. You may find this easier to do if you keep a water bottle nearby.

TAKING SPECIAL CARE WITH FOOD TO AVOID INFECTIONS

Some cancer treatments can make you more likely to get infections. When this happens, you need to take special care in the way you handle and prepare food. Here are some ways:

- Keep hot foods hot and cold foods cold. Put leftovers in the refrigerator as soon as you are done eating.
- Scrub all raw fruits and vegetables before you eat them. Do not eat foods (like raspberries) that cannot be washed well. You should scrub fruits and vegetables that have rough surfaces, such as melons, before you cut them.
- Wash your hands, knives, and counter tops before and after you prepare food. This is most important when preparing raw meat, chicken, turkey, and fish.
- Use one cutting board for meat and one for fruits and vegetables.
- Thaw meat, chicken, turkey, and fish in the refrigerator or defrost them in the microwave. Do not leave them sitting out.

- Cook meat, chicken and eggs thoroughly. Meats should not have any pink inside.
- Make sure that all of your juices, milk products, and honey are pasteurized.
- Do not use foods or drinks that are past their freshness date.
- Do not eat foods that show signs of mold. This includes moldy cheeses such as bleu cheese and Roquefort.

USING FOOD, VITAMINS, AND OTHER SUPPLEMENTS TO FIGHT CANCER

- Many people want to know how they can help their body fight cancer by eating certain foods or taking vitamins or supplements. But, there are no studies that prove that any special diet, food, vitamin, mineral, dietary supplement, herb, or combination of these can slow cancer, cure it, or keep it from coming back. In fact, some of these products can cause other problems by changing how your cancer treatment works.
- Talk with your doctor, nurse, or dietician before going on a special diet or taking any supplements. To avoid problems, be sure to follow their advice.

A SPECIAL NOTE FOR CAREGIVERS

- **Do not be surprised or upset if your loved one's tastes change from day to day.** There may be days when he or she does not want a favourite food or says it tastes bad now.
- **Keep food within easy reach.** This way, your loved one can have a snack when he or she is ready to eat. You might put a snack-pack of applesauce or pudding (along with a spoon) on the bedside table. Or try keeping a bag of cut-up carrots on the refrigerator shelf.
- **Offer gentle support.** This is much more helpful than pushing your loved one to eat. Suggest that he or she drinks plenty of clear and full liquids when he or she has no appetite.
- **Talk with your loved one about ways to manage eating problems.** Doing this together can help you both feel more in control.

FEELINGS CAN AFFECT YOUR APPETITE DURING CANCER TREATMENT

During cancer treatment, you may feel:

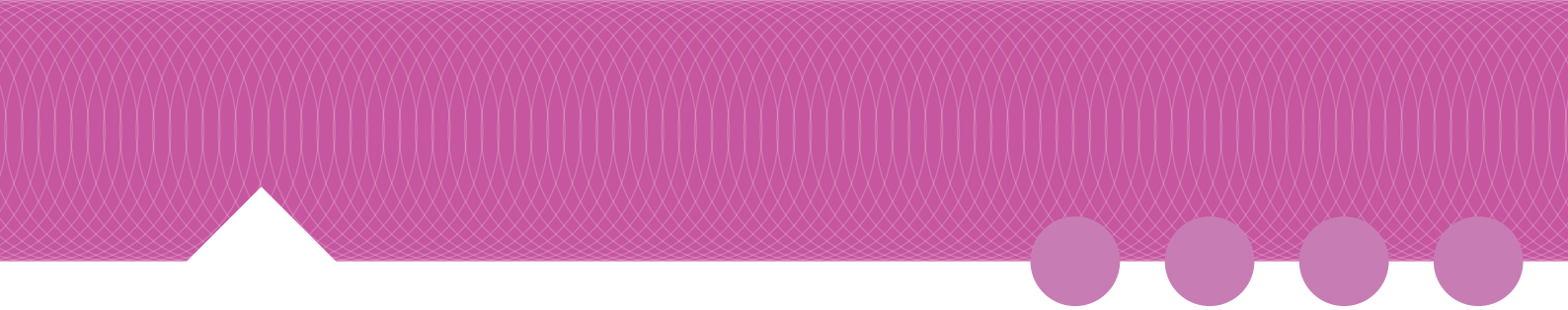
- Depressed
- Anxious
- Afraid
- Angry
- Helpless
- Alone

It is normal to have these feelings. Although these are not eating problems themselves, strong feelings like these can affect your interest in food, shopping, and cooking. Fatigue can also make it harder to cope.

COPING WITH YOUR FEELINGS DURING CANCER TREATMENT

There are many things you can do to cope with your feelings during treatment so they do not ruin your appetite. Here are some ideas that have worked for other people.

- **Eat your favourite foods on days you do not have treatment.** This way, you can enjoy the foods, but they won't remind you of something upsetting.
- **Relax, meditate, or pray.** Activities like these help many people feel calm and less stressed.
- **Talk with someone you trust about your feelings.** You may want to talk with a close friend, family member, religious or spiritual leader, nurse, social worker, counsellor, or psychologist. You may also find it helpful to talk with someone who has gone through cancer treatment.
- **Join a cancer support group.** This can be a way to meet others dealing with problems like yours. In support group meetings, you can talk about your feelings and listen to other people talk about theirs. You can also learn how others cope with cancer, treatment side effects, and eating problems. Ask your doctor, nurse, or social worker about support group meetings near you. You may also want to know about support groups that meet over the Internet. These can be very helpful if you cannot travel or there is no group that meets close by.

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- **Learn about eating problems and other side effects before treatment starts.** Many people feel more in control when they know what to expect and how to manage problems that may occur.
 - **Get enough rest.** Make sure you get at least 7 to 8 hours of sleep each night. During the day, spend time doing quiet activities such as reading or watching a movie.
 - **Do not push yourself to do too much or more than you can manage.** Look for easier ways to do your daily tasks. Many people feel better when they ask for or accept help from others.
 - **Be active each day.** Studies show that many people feel better when they take short walks or do light exercise each day. Being active like this can also help improve your appetite.
 - **Talk with your doctor or nurse about medicine if you find it very hard to cope with your feelings.**

REFERENCE :

National Cancer Institute