

Low Iodine Diet

This diet is suitable for people who are to be treated with radioactive iodine. This information leaflet explains the reasons for limiting foods that are high in iodine and suggests low iodine alternatives.

Why follow a low iodine diet?

A diet which is rich in iodine could interfere with your radioactive iodine treatment. A low iodine diet aims to reduce your iodine intake before your treatment and helps to maximise your body's uptake of the radioactive iodine when you receive your treatment. It is not possible or necessary to follow a no iodine diet.

Where is iodine found?

Iodine is found in many foods in varying amounts. It is essential for good health. The richest sources are foods from the sea. Eggs and dairy products also contain iodine. In some countries iodine is added to salt. This does not happen in the UK, therefore it is fine to use ordinary table salt, but best to avoid imported food items.

How long should the low iodine diet be followed for?

The diet is for a short time only. Evidence suggests that a duration of two weeks prior to treatment is sufficient.

After you have received the radioactive iodine treatment we would like you to continue the diet for a further 48 hours, before returning to a normal diet. Low iodine options will be offered during your in-patient stay.

What if I eat something high in iodine by mistake?

Eating a high iodine food accidentally is unlikely to affect your treatment, just carry on with the low iodine dietary advice provided here.

Should I look on the internet for further information?

No, most internet information suggests avoiding all foods that contain salt. This is not necessary in the UK.

If you have any questions please contact: **Molecular Radiotherapy on 0117 342 2694**

If you are taking nutritional supplements please contact your dietitian.

Low iodine foods you can eat freely

- ✓ Fresh/frozen fruit
- ✓ Fresh/frozen vegetables
- ✓ Cooked green vegetables
- ✓ Fresh/frozen meat
- ✓ Ordinary table salt and sea salt
- ✓ Rice
- ✓ Dried pasta
- ✓ Potatoes
- ✓ Fresh bread
- ✓ Non dairy spread such as Vitalite or Pure or Flora non-dairy
- ✓ Olive oil, vegetable oils and nut oils
- ✓ Water, soft drinks, fruit juices & alcoholic drinks
- ✓ Tea without milk
- ✓ Coffee without milk
- ✓ Milk substitutes such as rice, coconut, almond or soya milk (please check labels for ingredients and avoid brands that contain carrageenan which is a seaweed derivative)
- ✓ Dark/plain chocolate with a minimum of 70% cocoa
- ✓ Crisps

Foods which should be limited

- Milk - a maximum of 25ml per day which could be used in tea and coffee (i.e. about 5-7 teaspoons of milk per day)
- Butter - limit to a very thin scraping (one teaspoon or 5g) per day
- Cheese - one ounce or 25g once per week
- Egg - one per week

High iodine foods which should be avoided

- ✗ Fish, seafood, seaweed, kelp, laverbread
- ✗ Dairy produce such as milk, butter, margarine, cheese, yoghurt, ice-cream etc
- ✗ Egg and foods that contain egg yolk – for example custard, mayonnaise, fresh egg pasta, egg fried rice
- ✗ Milky coffee and tea, cappuccino, hot chocolate, malted milk drinks
- ✗ Cakes and biscuits containing butter and eggs
- ✗ Milk chocolate and white chocolate
- ✗ Dried fruit
- ✗ Take away- meals and fast foods/restaurant foods (as ingredients are unknown)
- ✗ Iodised salt and Pink Himalayan salt if imported/bought outside the UK
- ✗ Vitamins and mineral supplements, nutritional supplements and cough mixtures (unless prescribed by your medical team, for example vitamin D)

Meal suggestions

Breakfast

- Toast with non dairy spread and marmalade, jam, honey, marmite
- Porridge made with water or milk substitute, topped with fruit, honey or syrup
- Fresh fruit or fruit salad or Grapefruit cocktail
- Cooked breakfast (without eggs) such as bacon, sausages, tomatoes, mushrooms, hash browns, baked beans, toast

Lunch

- Sandwich made with non dairy spread filled with ham, chicken, bacon or quorn and salad
- Salad (such as cucumber, lettuce, tomato, avocado, sweetcorn, peas) with olive oil and vinegar (no raw spinach or broccoli) topped with chicken breast
- Jacket potato (without butter) with baked beans or chilli con carne
- Beans or tinned tomatoes on toast
- Soup (without cream, butter or milk) with bread
- Couscous with meat, chicken or chickpeas and vegetables such as roasted peppers, courgettes, tomatoes

Dinner

- Spaghetti Bolognese
- Pork or lamb chops with potatoes and vegetables
- Steak served with roasted mushrooms, grilled tomatoes, chips or jacket potato
- Roasted meat, vegetables and roasted potatoes with gravy
- Chicken, meat, Quorn or tofu stir fry with vegetables and rice
- Stewed meat (chicken, beef, lamb or pork) with potatoes, carrots and swede
- Chilli con carne with rice and peas
- Jacket potato (without butter) with baked beans, ham or chicken and salad
- Sweet and sour chicken with rice
- Risotto (without cheese) with chicken, butternut squash, peas and sweetcorn

Snacks & Puddings

- Tinned or fresh fruit, stewed or poached fruit
- Jelly
- Soya dessert or soya yoghurt
- Dairy free custard or single cream alternative
- Sorbet
- Meringue
- Vegetable crudities and homemade avocado dip (guacamole) or soya plain yoghurt & mint sauce
- Nuts (maximum 30g/1oz per day)
- Sweet or salted popcorn
- Potato crisps or rice cakes
- Dark chocolate