A cinnamon and benzosate-free diet for orofacial granulomatosis

This leaflet will help people with orofacial granulomatosis, and has been produced by gastroenterology dietitians. It contains advice to help you follow a cinnamon- and benzoate-free diet. If you have any further questions or concerns, please speak to your gastroenterology dietitian.

What is orofacial granulomatosis and why have I got it?
Orofacial granulomatosis (OFG) is a condition which affects mainly the mouth and lips. Swelling and redness are the most common symptoms but other symptoms such as mouth ulcers and cracked lips can occur too. The cause is not known but a cinnamon and benzoate free diet helps 70% of people with OFG.

Diet and orofacial granulomatosis
Avoiding foods which contain cinnamon and/or benzoates may help your oral symptoms. You should try and follow this diet for 12 weeks and monitor any improvements in your symptoms using the diary provided by your dietitian. Keep to fresh or home cooked food where possible. If you are unsure whether a food or drink may contain cinnamon or benzoate it is best to avoid it. It is important that you read the labels of any manufactured or prepared foods you consume.
Cinnamon
Cinnamon is a natural substance which, because it is used in very small quantities, does not always have to be stated on food labels. Look for the words **spices, spice extracts, ground cinnamon, mixed spice, cinnamon oil, cinnamal or cinnamic aldehyde** on food labels.

Benzoates
Most benzoates are added to food and drinks as a preservative. They are commonly added to fizzy drinks and processed foods. High levels of benzoates may also occur naturally in certain foods. Benzoates includes any of these preservatives:
- E210 or Benzoic acid
- E211 or Sodium benzoate
- E212 or Potassium benzoate
- E213 or Calcium benzoate
- E214 or Ethyl 4-hydroxybenzoate or Ethyl para-hydroxybenzoate
- E215 or Ethyl 4-hydroxybenzoate, sodium salt or sodium ethyl para-hydroxybenzoate
  *E216 or Propyl 4-hydroxybenzoate or Propyl para-hydroxybenzoate
  *E217 or Propyl 4-hydroxybenzoate, sodium salt or sodium para-hydroxybenzoate
- E218 or Methyl 4-hydroxybenzoate or Methyl para-hydroxybenzoate
- E219 or Methyl 4-hydroxybenzoate, sodium salt or sodium methyl-hydroxybenzoate.

  *banned in foods produced in the EU but may be found in imported products.

Flavourings
These are chemicals that can be added to many processed foods to improve the flavour. They are often added to biscuits, crisps, sweets, chutneys, sauces, soft drinks, soups, ready meals and much more. Some flavourings are compounds related to cinnamon and benzoates. European law does not require labels to specify the chemicals used but does require them to use the term “flavouring”. As it is not possible to identify the compound added, it is recommended that products labelled with “flavourings” or “natural flavourings” be avoided where possible.

Food and drink directory
The following pages provide lists of foods that commonly contain cinnamon and benzoates. This list is correct at the time the information was collected, but manufacturers **may change ingredients** from time to time, and you should ensure that your diet sheet is current and check the list of ingredients on the package label.
<table>
<thead>
<tr>
<th>Foods allowed</th>
<th>Foods to avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foods with naturally occurring benzoates</strong></td>
<td><strong>Foods with added cinnamon and benzoates</strong></td>
</tr>
<tr>
<td><strong>Meat</strong></td>
<td></td>
</tr>
<tr>
<td>Any plain fresh or frozen meat, meat dishes with allowed ingredients</td>
<td>Meat in a spicy sauce, cold meat containing spices, any made-up meat dishes or pie and pastry fillings containing spices</td>
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<tr>
<td><strong>Fish</strong></td>
<td></td>
</tr>
<tr>
<td>Any plain fresh or frozen fish, and fish dishes without spices</td>
<td>Fish in a spicy sauce, any made-up fish dishes containing spices. (Be aware of over-the-counter delicatessen fish products with no labels as benzoates may have been added)</td>
</tr>
<tr>
<td><strong>Fats and oils</strong></td>
<td></td>
</tr>
<tr>
<td>Pure butter, pure vegetable oils, lard, dripping and shortening</td>
<td>Ready prepared salad dressings with restricted ingredients</td>
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<tr>
<td>Margarine</td>
<td></td>
</tr>
<tr>
<td>Homemade salad dressings</td>
<td></td>
</tr>
<tr>
<td><strong>Eggs and dairy produce</strong></td>
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</tr>
<tr>
<td>All types of milk, cream, sour cream and fromage frais. Cheese, ice-cream made with allowed ingredients. Eggs.</td>
<td>Yogurts with added cinnamon or fruits rich in natural benzoates. Cheeses with spices. Blue and gorgonzola cheese.</td>
</tr>
<tr>
<td><strong>Cereals, rice and pasta</strong></td>
<td></td>
</tr>
<tr>
<td>Bread, rice, pasta, flour, sago, tapioca, oats (porridge), custard powder and corn flour. Cracker breads, water biscuits, cream crackers, original Ryvita, oat cakes, bread sticks, rice cakes. Breakfast cereals without added cinnamon, dried fruits and chocolate.</td>
<td>Baked beans, tinned spaghetti, ravioli and spaghetti hoops with spices. Look at labels carefully on packaged pasta dishes</td>
</tr>
<tr>
<td><strong>Cakes and biscuits</strong></td>
<td></td>
</tr>
<tr>
<td>Any plain fresh bread, buns, pizza dough. Any home-made or manufactured cakes or biscuits with allowed ingredients.</td>
<td>Any manufactured cakes containing spice. Fruit cake, carrot cake, gingerbread, apple strudel, mince pies, garibaldi, ginger biscuits are likely to contain cinnamon.</td>
</tr>
</tbody>
</table>
### Foods allowed

<table>
<thead>
<tr>
<th>Foods with naturally occurring benzoates</th>
<th>Foods with added cinnamon and benzoates</th>
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</thead>
<tbody>
<tr>
<td><strong>Fruit and vegetables</strong></td>
<td></td>
</tr>
<tr>
<td>All fresh and frozen fruits or vegetables not listed on the right. Examples of fruit: apples, oranges, pears, bananas, satsumas, tangerines, melon, pineapple, grapefruit, lemon, lime, grapes, mangos. Examples of vegetables: broccoli, cauliflower, cabbage, carrots, green beans, runner beans, broad beans spring greens, lettuce, cucumber, onion, garlic, peppers, bean sprouts, rhubarb</td>
<td>Dried fruit, fruit sauce. Avocado, pumpkin, kidney beans, soy beans(^1), spinach, berries (blackberries, cranberries, blueberries, strawberries, raspberries) prunes, peaches, papaya, nectarines Tomato puree(^2) and sundried tomatoes.</td>
</tr>
</tbody>
</table>

### Crisps, savoury snacks and nuts

<p>| | |</p>
<table>
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<tbody>
<tr>
<td><strong>Foods to avoid</strong></td>
<td></td>
</tr>
<tr>
<td>Dry roasted nuts, Bombay mix, spicy nuts or flavoured crisps.</td>
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</tr>
</tbody>
</table>

### Sweets and chocolates**

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td><strong>Foods to avoid</strong></td>
<td></td>
</tr>
<tr>
<td>Chocolate and chocolate products, cake decorations. Cola cubes, cola Chewits etc. Liquid artificial sweetener, for example Sweetex liquid.</td>
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</tbody>
</table>

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\(^1\) Soy is often used as a flour alongside wheat flour in breads. The quantities used are very small and so it is unlikely that this source of soy will cause a reaction. (There are breads available that do not contain soy flour although these are often more difficult to find).

**Soy (Soya) Labelling:** The food industry is required by law to highlight ingredients which are common allergens in their products. This includes ingredients used in other food products prepared in the same environment which could be potential contaminants. Soy (or soya) is one of these allergens and would usually be prefixed with the words “may contain”. This would mean that soy would only be found in trace amounts (if at all) in foods labelled in this way. These potential traces would be unlikely to cause a reaction in OFG.

**Soya Lecithin** is mainly found in very small quantities in margarines, and is unlikely to cause a reaction in OFG. It is possible however to find alternatives without soya lecithin.

\(^2\) Tomato puree is tomato concentrate. Benzoic acid is found naturally at very low levels in tomatoes. Tomatoes do not need to be avoided but due to the higher concentration of tomatoes in tomato puree, levels of benzoic acid will be higher and should potentially be avoided in large quantities. Sundried tomatoes may be more concentrated sources of benzoic acid if used in large quantities.

**Chocolate** can often cause a reaction and is usually best avoided in OFG for at least 12 weeks.
<table>
<thead>
<tr>
<th>Foods allowed</th>
<th>Foods to avoid</th>
<th>Foods with naturally occurring benzoates</th>
<th>Foods with added cinnamon and benzoates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Miscellaneous</strong></td>
<td></td>
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</tbody>
</table>
| Pickles or sauces with allowed ingredients  
Lemon curd, peanut butter, vegemite. | | | Pickles and pickled products, for example, herring, beetroot. Soy sauce, Ketchup, deli products, marmite. Check sauces. |
| **Herbs and Spices** | | | |
| Salt, pepper,. Herbs, for example, basil, chives, mint, thyme, oregano, rosemary.  
Single spices, for example, chilli, ginger, cumin, coriander seed, turmeric. | Cinnamon sticks, cinnamon powder, cloves, nutmeg, sage, curry powder, all spice, mixed spice, cassia, garam masala. | | |
| **Drinks** | | | |
| All drinks with allowed ingredients, for example, unflavoured still and carbonated water  
Fruit juices  
Coffee, fruit and herbal infusions  
Alcohol: Lager, beer, white wine, red wine, cider, whisky | Fruit juices made with fruits containing natural benzoates (for example, berries, strawberries, raspberries, prunes, peaches, papaya, nectarines)  
Tea including black tea, green tea, rooibos tea | Some fizzy drinks (for example, cola drinks, Vimto, Dr Pepper, Fanta, Irn Bru, Sprite). Flavoured bottled waters, squash, cordial, glucose drinks, for example, Lucozade. Milk shake syrups, flavoured milk, Slush Puppies, non-alcoholic grape drinks, liquid coffee and chicory drinks, for example, Camp  
Alcohol: Gin, red and white Martini and Cinzano, perfumed drinks, for example, Dubonnet, Malibu, dark rum, Tia Maria, mulled wine | |
| **Medicines, vitamins and minerals** | | | Some tablets contain benzoates in the white coating. Check with your pharmacist. |
| **Toothpaste and mouthwash** | | | Some toothpastes and mouthwashes (read labels). Avoid those labelled with benzoates, clove oil, aroma and cinnamal. |
| The following toothpastes:  
Colgate total whitening toothpaste, Mcleans total health white, Kingfisher fennel toothpaste, corsodyl mouth wash (mint and original, Dentyl PH minty citrus mouthwash. | | | |
## Sample meal plan

<table>
<thead>
<tr>
<th>Time</th>
<th>Meals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Breakfast</strong></td>
<td>Cereal (for example, cornflakes, Weetabix, Shreddies) with milk and/or bread with butter and honey or lemon curd or peanut butter or vegemite and/or natural yoghurt or fromage frais with honey and fresh fruit (for example, banana, apple, pear etc) Coffee or fruit/herbal infusion Fresh orange/grapefruit juice.</td>
</tr>
<tr>
<td><strong>Mid morning</strong></td>
<td>Coffee or fruit/herbal infusion Tea biscuits or suitable fruit.</td>
</tr>
<tr>
<td><strong>Snack meal</strong></td>
<td>Sandwich with butter, cold meat or fish (chicken, salmon, tuna, beef, lamb, ham) or cheddar cheese, egg, peanut butter, vegemite or hommus and salad and/or a jacket potato with cheddar cheese, tuna and sweetcorn and salad Yoghurt and suitable fresh fruit Water or orange/grapefruit juice diluted with water.</td>
</tr>
<tr>
<td><strong>Mid-afternoon</strong></td>
<td>Coffee or fruit/herbal infusion Cake or biscuits (see manufactures list) or suitable fruit.</td>
</tr>
<tr>
<td><strong>Main meal</strong></td>
<td><strong>Starters</strong> Soup (made from allowed ingredients) or melon or grapefruit <strong>Main course</strong> Meat or poultry or fish with vegetables, for example, carrots, peas and mashed potatoes with butter and milk and gravy (see basic recipes), or pasta with fresh pesto sauce or other suitable sauce and salad or vegetables, or rice with meat, poultry or fish in suitable sauce and salad or vegetables <strong>Puddings</strong> Rice pudding, yoghurt and fruit, custard and tinned fruit, ice cream Water or orange/grapefruit juice diluted with water.</td>
</tr>
<tr>
<td><strong>Supper</strong></td>
<td>Cheddar cheese on toast or toast and butter or margarine with honey, lemon curd or peanut butter. Coffee or fruit/herbal infusion Milk</td>
</tr>
</tbody>
</table>
**Eating out**

Eating out is often the biggest challenge as cross-contamination with cinnamon, and not knowing exact ingredients, can make this difficult. Be aware of certain ingredients like pickles and sauces from an unknown origin. Preserved and processed meats and fish or those with added spices, and cheese with spices or blue veins need to be avoided. Cakes and pastries that are unpackaged and sold as individual items are more likely to be contaminated with cinnamon (those sold in coffee shops and bakeries or patisseries).

**Snacks or light meals**

It may be possible to read ingredients on pre-packaged foods. If not, then sandwiches, salads and jacket potatoes can be a good alternative.

Choose plain fillings, for example, chicken, beef, pork, lamb, tuna, salmon, prawns, Cheddar cheese with salad.

It may be possible to include some of the ingredients (such as mayonnaise, hummus, yoghurt) if you can read the labels.

Snack on suitable fruit and vegetables.

**Restaurants**

Try to avoid restaurants that would use cinnamon and other spices as part of their regular cuisine. The risk of cross contamination is quite high even if you order food without added spice. These might include, Indian, Thai and Chinese restaurants. Use of cinnamon, curry powder and soy sauce are key ingredients in Asian cooking and a high concentration of spices are more likely to cause a reaction.

A greater selection of food choice might be found in Italian, French, British, European and American restaurants. Ask the staff about the food and check it is free from spices (particularly if you are ordering foods that may contain sauces).

<table>
<thead>
<tr>
<th>Possible options</th>
<th>Be cautious and ask for further information from restaurant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic bread</td>
<td>Cured meats, avocado, tomato puree, marinades, sauces, sun-dried tomatoes.</td>
</tr>
<tr>
<td>Olives</td>
<td></td>
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<tr>
<td>Breaded garlic mushrooms</td>
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<tr>
<td>Most plain meats, calves liver, steak, fish, shellfish</td>
<td></td>
</tr>
<tr>
<td>Pizza (usually tomato base is spread thin – check) with suitable toppings</td>
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<tr>
<td>Pasta with cream sauce or soured cream or pesto or olive oil and allowed vegetables</td>
<td></td>
</tr>
<tr>
<td>Salads</td>
<td></td>
</tr>
<tr>
<td>Freshly made burgers (check ingredients) with salad and chips</td>
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</tr>
<tr>
<td>Omelette</td>
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<tr>
<td>Suitable fruit with cream or yoghurt.</td>
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</tbody>
</table>

**Please note:** Fresh nutmeg is traditionally used in béchamel sauces (white sauces), rice puddings and is sometimes added to baked or stewed fruits, sauces, soups.

**Always** ask about cooked puddings and ice cream as cinnamon and nutmeg are often used.
Basic recipes
The following recipes are to help you avoid frequently used gravies and dressings that often contain benzoates or spices.

**Traditional gravy from roast meat**

**Ingredients:**
- 1 tablespoon flour
- 1 pint stock (use cooked vegetable water or allowed stock powders or cubes).

**Method**
Remove the cooked meat from the roasting tin leaving the juices of the meat in the tin. Tilt the tin and, with a metal spoon, remove most of the fat (leave about one or two spoonfuls in the tin). With a wooden spoon scrape the tin to release the extracts (and flavour) of the cooked meat. Put the tin over a low heat and it should start to simmer. At this point add 1 tablespoon of flour and stir vigorously with the wooden spoon. You are aiming for a smooth paste. Add about 500ml water from cooked vegetables to provide liquid. Allow the gravy to boil and then reduce over a gentle heat to your preferred consistency. For paler meats, you can add some onion and let them caramelise a little before adding the flour, or you can add a little gravy browning.

**Meatless onion gravy**

**Ingredients**
- 3 large, sliced onions
- 2 crushed cloves garlic
- 1 tablespoon brown sugar
- 75g flour
- 75ml gravy browning
- 500ml stock (use cooked vegetable water or allowed stock powders or cubes)
- Salt and pepper
- Oil for frying the onions

**Method**
In a saucepan, fry the onions, garlic and sugar until they are golden and caramelised. Sprinkle in the flour and mix together. Stir in a small amount of stock and mix to a smooth paste. Add the rest of the stock and boil. Reduce over a gentle heat to your preferred consistency.
Vinaigrette

**Ingredients**
- 100ml olive oil
- 50mls white wine vinegar
- 1 crushed clove of garlic (or a small blob of garlic puree)
- 1 teaspoon mustard if desired
- Salt and pepper

**Method**
Put all the ingredients in a sealed container for example, a jam jar with a tight lid. Shake vigorously.

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Spicy food is often avoided on a cinnamon- and benzoate-free diet in case the spices used include cinnamon or other spices that may be high in naturally occurring benzoates, such as cloves or nutmeg. It is possible to have spicy food but requires a little more thought. Below is an example of a curry paste that you can make and add to meat, fish and vegetables to make a curry.

Curry Paste

**Ingredients**
- 1 inch of ginger – peeled and chopped
- 1 green or red chilli (all provide different strengths of heat and flavour so experiment. Remove the seeds unless you want a very hot curry paste)
- 3 fat cloves of garlic crushed
- 1 teaspoon coriander powder
- 1 teaspoon cumin powder
- ½ teaspoon turmeric powder

(Ideally if you buy the seeds there will be less chance of contamination from cinnamon and cassia, which would normally be manufactured in the same location). To prepare seeds, lightly toast and grind to a powder in a pestle and mortar or a coffee grinder. Add a little water or oil.

**Method**
Mix all of the above ingredients together – you are aiming for a puree consistency (you can also buy ready-made ginger and garlic purees which might be easier).

**How to serve**
This paste can be the basis of many curry dishes. You simply need to add a few teaspoons to a vegetable or meat/fish dish. Meat or vegetables can be marinated in this to provide it with flavour and can be then be cooked. Alternatively to make a curry with a sauce, you can add fresh chopped tomatoes, natural yoghurt or cream. Coconut is often used in curries. Add coconut milk, cream or desiccated coconut to add extra flavour to your curry.
Snacks on a cinnamon and benzoate free diet

Some snacks can contain added spices, and initially it can seem difficult to know which ones have when you are following a cinnamon- and benzoate-free diet. Below are some ideas to help you with this. Please note: some of the following foods can have flavourings added so **always check your labels**.

**Savoury snacks**
Prawn crackers
Rice cakes
Popcorn
Plain or salted crisps or nuts
Plain crackers and water biscuits
Cracker breads
Taramasalata, hummus and tzatziki (check labels)
Vegetable sticks (for example, cucumber, peppers, carrots)
Cheese (for example, such as cheddar, Wensleydale, goats cheese, Edam, Brie, Camembert)
Olives
Plain croissants and butter
Crumpets with butter (and/or marmalade, lemon curd, honey, peanut butter or other allowed preserves)
Muffins with melted cheese
Toast with butter, peanut butter or cheese (and/or marmalade, lemon curd, honey or other allowed preserves).

**Sweet snacks**
Meringues (mix with double cream and lemon curd or ginger preserve for an easy pudding)
Plain yoghurt (add some allowed fruit, for example, banana, kiwi, apple, pear, or lemon curd, honey, ginger preserve)
Plain scones and butter (and allowed preserves, for example, pear, ginger, apple preserve, honey, lemon curd)
Sweet waffles
Crumpets with butter
Muffins with melted cheese
Tea biscuits, ginger nut biscuits, short bread biscuits, digestive biscuits.
Cosmetics, toiletries and hygiene products
Most hygiene products and cosmetics contain ingredients that are made from cinnamon and benzoates. Cinnamon and benzoates may be added to cosmetics as preservatives or perfume agents.

It is not clear if cinnamon and benzoates added to cosmetics contribute to or make things worse in OFG, but there is some evidence that they can be absorbed through the skin. For this reason we advise that you try and find products free from cinnamon and benzoates, particularly ones you would use directly on your face such as face creams, lip balms, make up and sunscreens.

Cinnamon- and benzoate-free products can be difficult to find and manufacturers can change the ingredients they use at any time, making it difficult to provide up-to-date information on suitable hygiene products and cosmetics. Some may contain cinnamon or products made from cinnamon, so it is always important to check the ingredients before you buy and use a product.

Ingredients to check include
Benzoic acid
Sodium benzoate
Potassium benzoate
Benzyl alcohol
Ethylhexyl methoxycinnamate
Parfum, benzyl benzoate
Cinnamaldehyde
Amyl cinnamaldehyde
Amyl cinnamyl alcohol
Amyl cinnamyl acetate
Benzyl cinnamate
Cinnamyl cinnamate
Parabens: Methyparaben, ethylparaben, propylparaben and butylparaben.

Please note this list is not all the ingredients to avoid as many products contain products made from cinnamon and benzoates, but it does provide a rough guide.
Below are 10 tips to help you select and use suitable products

1. Wherever possible (although often difficult) try to minimise your use of products with fragrance as “parfum” can contain cinnamon to which you may be sensitive.

2. Baby products are sometimes free from fragrances. Baby products often contain minimal preservatives and additives so it may help to use these rather than normal versions.

3. Lip balms can grow germs which may exacerbate symptoms or increase your risk of infection, particularly if your lips are cracked or prone to bleeding. If you are using a stick you can clean it with a little tissue before and after application. When using lip balms or lip sticks, replace them regularly and apply with clean hands.

4. Mineral make-ups are often free from cinnamon and benzoates and are useful when looking for suitable make-up products.

5. Health food shops and manufacturers specialising in “organic” or “natural” products are often useful for finding suitable products. You will still need to check the ingredients as the majority will contain added cinnamon, or benzoates.

6. Cinnamon- and benzoate-free sunscreens can be very difficult to find in high street shops. It is best to be prepared and purchase these products before going on holiday or being exposed to the sun.

7. Crystal mineral deodorants are free from cinnamon and benzoates and are often stocked in high street chemists.

8. Parabens (methylparaben, ethylparaben, propylparaben and butylparaben) are made from benzoates that can be used in foods and cosmetics. Products will often state if they are free from parabens which can be helpful but check that there are no other ingredients that come from cinnamon and benzoate.

9. If you are going to use a new product that is going to be used on your face or lips and are worried that it might cause a reaction, try it first on a small area to assess your response. Try a small amount of the product on one part of your lips or face and only use this part for the assessment. Do this for a minimum of four days before using the product freely. Before starting anything new it is best to be symptom-free or at least have stable OFG (for example, you are not having a flare up). Do not make any other dietary or cosmetic changes while undertaking this assessment.

10. When reading labels, ingredients are listed in order of quantity. The lower down the list an ingredient is, the less of it there is in that product.
FoodMaestro allergy smartphone app
A collaboration between FoodMaestro and Guy’s and St Thomas’ Hospitals has led to the development of a smartphone app. The app helps people with food allergy and intolerance to select suitable food products available in UK supermarkets.

For people avoiding cinnamon and benzoates, download the app and create a profile. Select ‘Ingredients’ followed by ‘Cinnamon and benzoates’ to exclude foods containing these compounds as ingredients in food products. You can then search for suitable foods using either the barcode scanner or search functions.

Home-screen
Contact us
If you have any questions or concerns about OFG, please contact the dietitians on:

**t:** 020 7188 4128 (Monday to Friday, 9am to 5pm).

Dietitian name:

Email address:

For more information leaflets on conditions, procedures, treatments and services offered at our hospitals, please visit www.guysandstthomas.nhs.uk/leaflets

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**Pharmacy Medicines Helpline**
If you have any questions or concerns about your medicines, please speak to the staff caring for you or call our helpline.

**t:** 020 7188 8748 9am to 5pm, Monday to Friday

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**Your comments and concerns**
For advice, support or to raise a concern, contact our Patient Advice and Liaison Service (PALS). To make a complaint, contact the complaints department.

**t:** 020 7188 8801 (PALS)  
**e:** pals@gstt.nhs.uk  
**t:** 020 7188 3514 (complaints)  
**e:** complaints2@gstt.nhs.uk

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**Language and accessible support services**
If you need an interpreter or information about your care in a different language or format, please get in touch.

**t:** 020 7188 8815  
**e:** languagesupport@gstt.nhs.uk

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**NHS 111**
Offers medical help and advice from fully trained advisers supported by experienced nurses and paramedics. Available over the phone 24 hours a day.

**t:** 111

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**NHS Choices**
Provides online information and guidance on all aspects of health and healthcare, to help you make choices about your health.

**w:** www.nhs.uk

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**Get involved and have your say: become a member of the Trust**
Members of Guy’s and St Thomas’ NHS Foundation Trust contribute to the organisation on a voluntary basis. We count on them for feedback, local knowledge and support. Membership is free and it is up to you how much you get involved. To find out more, please get in touch.

**t:** 0800 731 0319  
**e:** members@gstt.nhs.uk  
**w:** www.guysandstthomas.nhs.uk/membership