



Your guide to heart health

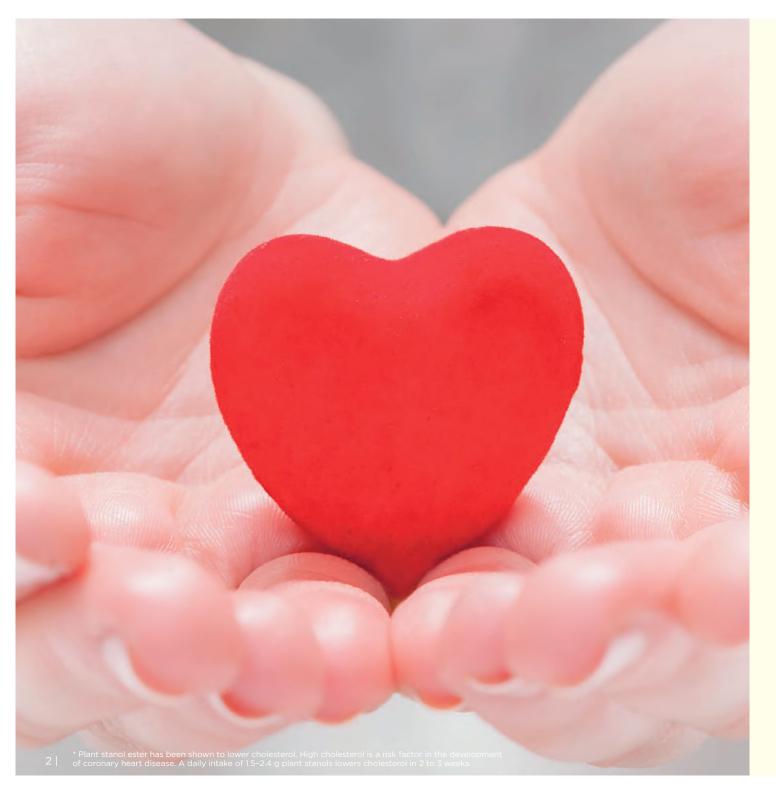
Cholesterol-lowering through diet and lifestyle



Plant stanol ester has been shown to lower cholesterol.

High cholesterol is a risk factor in the development of coronary heart disease.

A daily intake of 15–2.4 a plant stanols lowers cholesterol in 2 to 3 weeks.



CHOLESTEROL - WORTH CARING FOR

More than half of adults have elevated blood cholesterol.

When you have too much cholesterol in your blood, it builds up in your blood vessels which can result in coronary heart disease. This process happens over many years and often starts earlier in life than you may think. The good news is there are some simple steps you can take to help achieve healthy cholesterol levels, and it starts with diet and lifestyle.

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Cholesterol is a waxy, fat-like substance found in your blood that is mostly produced in the liver, but it's also obtained via foods such as red meat, cheese, butter and eggs. Cholesterol is essential for your body to function normally, but too much can be harmful.



When there is too much cholesterol in your blood, it may cause plaque buildup on the walls of your arteries. This condition, known as atherosclerosis, can lead to a variety of health problems as a result of coronary heart disease, such as heart attack or stroke. There are a number of risk factors linked to coronary heart disease (e.g. age, gender, genetic factors, smoking, poor diet and physical

inactivity) but cholesterol is one of the main risk factors. Lowering your cholesterol levels now can help you avoid problems later on in life.

WHO GETS ELEVATED CHOLESTEROL?

Elevated cholesterol affects people of all ages and backgrounds, no matter whether you are young or old, thin or overweight, or whether you exercise or not. The only way to know if your cholesterol level is elevated is to have it tested.

Elevated cholesterol usually has no symptoms so you will be able to follow your cholesterol levels only by having regular checkups.





Measuring your blood cholesterol is a great first step towards becoming healthier. This simple test can be carried out by your healthcare professional and will give you a cholesterol level. And if you know your level, you can do something about it.

Your total cholesterol level includes different types of cholesterol. The balance between the levels of these cholesterol is important because they do different things. There are two main types:



LDL (low-density lipoprotein) is a 'bad' type of cholesterol. If there is too much LDL cholesterol in the blood, it can slowly build in the arteries, making them narrower which increases the risk of coronary heart diseases.



HDL (high-density lipoprotein) is a 'good' type of cholesterol. It helps to remove excess cholesterol from the bloodstream and returns it to the liver where it is broken down and passed out of the body.

A quick tip to remember the difference is that your **LDL** should be **L**ower and your **HDL** should be **H**igher. You may also get some additional blood measurements if you get tested.



Non-HDL refers to all of the 'bad' types of cholesterol, including but not limited to LDL. The non-HDL measurement also includes VLDL (very-low-density lipoprotein) though usually only present in small amounts. Sometimes non-HDL measurement is used instead of just the LDL level.



Triglycerides are not the same as cholesterol but are a type of fat found in your blood and often measured at the same time.

As a guide, most people should aim for results that fall within the limits below:

Total cholesterol	≤ 5.0 mmol/l
LDL cholesterol	≤ 3.0 mmol/l
HDL cholesterol	≥ 1.0 mmol/l
Non-HDL cholesterol	≤ 4.0 mmol/l
Triglycerides	≤ 2.3 mmol/l

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Your healthcare professional will interpret your test results along with other risk factors, such as age, family history, smoking and advise you how to proceed. For most people, it starts with diet and lifestyle. It might be that some simple changes in your routine could help you achieve great results.

The good news is, there are at least some small changes in your lifestyle and especially in your diet that you can take care of yourself. In this brochure we focus on food that promotes healthy cholesterol levels. Simple steps such as improving the quality of fats that you eat, taking in more fibre, or including Benecol® products with added plant stanols as part of a healthy diet could start lowering your cholesterol level. Even small daily changes can yield significant results over time.

CHOLESTEROL LOWERING WITH BENECOL® PRODUCTS

Benecol® products with added plant stanol ester have been shown to lower cholesterol. Elevated cholesterol is a risk factor for coronary heart disease.

How can Benecol help to lower my cholesterol?

Benecol products contain plant stanol ester, which is shown to lower your blood cholesterol levels. Plant stanol ester works by partly blocking cholesterol absorption in the digestive tract.

The tasty products in the Benecol range contain plant stanol ester and are shown to lower your LDL cholesterol **in 2-3 weeks***. What's more, the daily usage of Benecol as part of your meals keeps your cholesterol at a lower level also in the long term.

Benecol products are designed to be part of a balanced and varied diet and a healthy lifestyle. The cholesterol-lowering effect is at its best when most Benecol products are consumed as part of a meal. Snack bars can be enjoyed on their own and still work optimally.

The use of Benecol products adds to the effectiveness of lowering cholesterol even when using statin medication. Discuss the use of Benecol products with your doctor if you are on cholesterol-lowering medication.

Only Benecol products contain plant stanol ester.



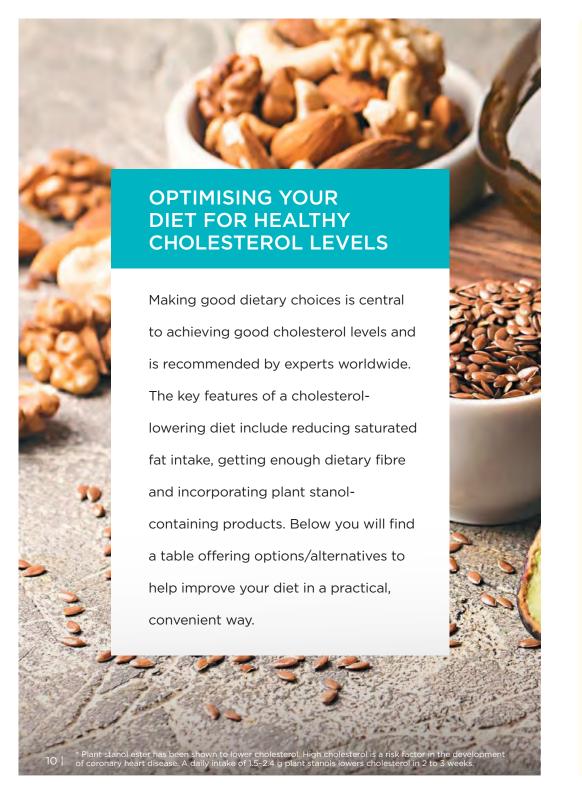






PLANT STANOLS

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HEALTHIEST EAT BEST CHOICES OCCASIONALLY TO LIMIT · Fresh, frozen or dried fruit · Canned fruit in syrup · Fruit flambéed in butter and fruit canned in (drain the syrup) and sugar natural juice · Fruit fritters • 100% fruit juice Fruit smoothies · Fruit coated in chocolate (no added sugar) or candied fruit FRUIT & VEGETABLES · Homemade vegetable · Canned vegetables Battered, deep fried containing added salt/sugar based soups vegetables (e.g. onion rings) · Fresh and frozen vegetables (rinse and drain) Buttered vegetables steamed or lightly boiled · Fried vegetables (cooked with no oil) · Honey roasted vegetables • 100% vegetable juice like parsnips VEG · Undressed salads or salads · Reduced fat coleslaw Coleslaw with low fat dressings Salads with heavy · Rainbow salads with a good mayonnaise dressing variety of vegetables · Potatoes, sweet potatoes, · Thick cut, reduced fat · Roast potatoes cooked in yam and plantain - boiled, oven chips dripping or large amounts baked, mashed (no fat) or of oil Roast potatoes cooked in dry roasted small amounts of vegetable · Potatoes mashed Leave the skins on for oil such as sunflower, with butter/cream **POTATOES** extra fibre rapeseed or olive oil Deep fried thin cut chips · Bread, bagels, rolls, pitta, Naan bread · Garlic bread. tortillas, chapattis - choose croissants, waffles · Non-wholemeal options CARBOHYDRATES wholemeal versions where · Breads spread thickly with possible and use lower fat butter or made with ghee spreads rather than butter, (e.g. parathas) or no fat at all Sugar coated · Wholegrain breakfast breakfast cereals **BREAD** cereals, muesli (no added sugar), oats/porridge (with skimmed milk or semi-skimmed milk) Boiled pasta, rice noodles · Non-wholemeal options · Pasta or rice served in - choose wholemeal creamy/buttery sauces Filled pasta like ravioli versions where possible Fried rice and eat plain or with Cheesey sauces vegetable-based sauces PASTA/RICE Instant noodles containing · Wild rice lots of salt, fat or sugar · Lean cuts of meat (pork, Lean bacon · Fatty cuts of meat - belly ham, lamb, beef, venison, pork, duck, goose; fat from · Low fat sausages veal, rabbit) and remove any edge of meat · Limit red meat intake to no visible fat · Processed meats like more than 70 g on average · Extra lean minced meat streaky bacon, frankfurters, per day **PROTEIN** sausages, sausage rolls, · Grilled or roasted meat salami, parma ham without using fat, or casseroled with vegetables Meat pies Chicken and turkey without Chicken breast Poultry with skin skin - grilled or roasted in breadcrumbs Kievs without fat, casseroled · Deep fried chicken · Pan-fried chicken Processed chicken nuggets with vegetables

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		HEALTHIEST	EAT	BEST
		CHOICES	OCCASIONALLY	TO LIMIT
	FISH	White fish (e.g. cod, plaice, sole) and oily fish (e.g. salmon, mackerel, herring, fresh tuna) – grilled, baked, steamed, poached or fried in a tiny amount of oil Canned fish in water Shellfish – cooked without or with a small amount of fat	 Canned fish in oil (drain oil) Fish fingers 	Deep fried fish in batter/ breadcrumbs Fish in buttery or rich sauces (e.g. Hollandaise, lobster sauce)
PROTEIN	EGGS	Eggs – boiled, scrambled or poached without fat; scrambled eggs with skimmed/semi-skimmed milk Baked eggs with vegetables	Fried eggs and omelettes cooked in minimal vegetable oil	 Quiche Scotch eggs Egg mayonnaise
PRC	BEANS, PEAS, LENTILS AND OTHER ALTERNATIVES	Lentils, beans, peas, chickpeas, kidney beans (rinse if canned in salt/sugar) Reduced sugar/salt varieties of baked beans Soya mince, soya beans, tofu Quorn	Reduced fat hummus	Deep fried falafel
	OO NUTS AND SEEDS	Nuts and seeds – especially almonds, walnuts, linseed (flaxseed), pumpkin, sesame, sunflower seeds	Nut butters (choose varieties lower in sugar and salt) Reduced fat coconut milk	Coconut, coconut cream, coconut milk Roasted nuts in oil and salt, chocolate coated nuts Nut and seed butters with hydrogenated fat
DRINKS	DRINKS	Tap, mineral, soda water Small portions of fruit juice (no added sugar) Tea/coffee with low fat milk Low fat milk Sugar-free drinks	Sugar free squash Diet fizzy drinks Sugar free hot chocolate	 Fruit squash Fizzy drinks with added sugar Drinks made with whole milk and cream Milkshakes Hot chocolate
FLAVOURINGS	FLAVOURINGS	Pepper, herbs, spices, lemon juice, garlic, etc. Pickles	Reduced salt soya sauce Reduced salt flavouring (e.g. reduced salt stock, ketchup) Chutney made without oil Small amount of chili sauce or low sugar/salt tomato ketchup	Salt (regular, sea and rock salt) Soy sauce Oily pickles Seasonings/flavour enhancers with added salt/sodium e.g. monosodium glutamate
RNATIVES	MILK	Skimmed, 1% fat or semi-skimmed milk Soya/nut/rice/coconut based drinks (with added calcium and vitamins)		Full fat milkFlavoured milk with added sugarMalted milk
DAIRY & ALTERNATIVES	CHEESE	Lower fat cheese e.g. cottage, quark, ricotta, fromage frais and 'extra light' soft cheese spreads	Medium fat cheese e.g. half fat cheddar, 'reduced fat' cheese, paneer, 'light' soft cheese spreads	High fat cheese e.g. cheddar, mascarpone, Red Leicester, Stilton, Gruyere, Parmesan Soft cheeses such as Brie, Camembert and cream cheese Fried paneer

		HEALTHIEST CHOICES	EAT OCCASIONALLY	BEST TO LIMIT
DAIRY & ALTERNATIVES	YOGURTS AND CREAM	Low-fat and low-sugar yogurts Yogurts and yogurt drinks with plant stanols*/sterols (for people with high cholesterol) Dairy alternatives e.g. soya/nut/rice/coconut yogurts Low fat Greek yogurt Unsweetened kefir	Lower fat cream products Half fat crème fraîche	 Creamy yogurts; Greek yogurt Clotted, double, whipping, soured, single cream Crème fraîche
	FATS, SPREADS AND OILS	Lower, unsaturated fat spreads Spreads with plant stanols*/ sterols (for people with high cholesterol) Unsaturated vegetable oils e.g. olive, sunflower, rapeseed, (most vegetable oil is made from rapeseed oil), soya, corn – use as little as possible (measure, don't pour) or use a spray oil		Butter, lard, suet, dripping, ghee, hard margarines, spreads with hydrogenated fat (check the label) Palm oil, coconut oil Oils which have been reheated several times
FATTY AND SUGARY FOODS	SALAD DRESSINGS AND GRAVIES	Low fat salad dressings Gravies and sauces thickened with flour Tomato/vegetable-based sauces	Lower fat salad creams and mayonnaise	 Salad creams, mayonnaise Sauces made with butter or cream Gravies made with fat from cooking meat/poultry
	BISCUITS, CAKES, CONFECTIONARY, PASTRIES AND DESSERTS	Fruit salads, sorbetSugar-free jelly	 Plain biscuits (e.g. rich tea, malted milk biscuits), tea cakes, crumpets, malt bread; fruit buns Fruit-based puddings Frozen yogurt Meringue (without cream) Jam; fruit preserves 	Cakes, biscuits, pastries, pies, doughnuts, cheesecake Chocolate, fudge, toffees Dairy ice cream or ice cream made with cream
	SAVOURY SNACKS	Wholemeal breadsticks Plain popcorn Tomato-based sauces and dips	Reduced fat crisps Reduced fat hummus	Crisps Cheese snacks Bombay mix

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You can stay on top of your cholesterol and keep balance while still enjoying life. Making switches is a simple way to do this without having to make big changes to your diet or lifestyle.



Try new things in your everyday diet. Can you introduce more cholesterol-lowering foods? Eating Benecol foods with plant stanols as part of a healthy diet can lower LDL cholesterol more than healthy eating alone.

Get to know which foods are high in saturated fat - and choose them less often. Saturated fat is found in high-fat dairy foods (such as cream, whole milk, hard cheese, butter), in fatty cuts of meat and in cakes and pastries. Eating these foods a little less often, and making switches - like swapping out butter for a Benecol spread - are changes you can make that will add up.

Quick guide: **the average man** aged 19-64 years should eat no more than 30 g of saturated fat a day

the average woman aged 19-64 years should eat no more than 20 g of saturated fat a day

Get wise to hidden saturated fats. Saturated fats may also be 'hidden' in some convenience foods, so by checking nutrition labels on food packaging you can choose products that are lower in saturated fat. Small changes like this can all help you limit your saturated fat intake.



Switch to unsaturated ('good') fat. Unsaturated fat is better for your heart health and is found in a wide range of tasty and versatile foods. These include nuts, seeds and vegetable oils (e.g. olive, rapeseed, sunflower) and spreads made from these. This means you can keep your heart happy with a variety of ingredients to choose from.

Choose healthier cooking methods. Grilling, steaming, boiling and baking use less fat than frying, so you can cook up a storm with some of your favourite foods while cutting back on saturated fats. You can also cook and bake with some Benecol spreads rather than butter.



Eat more fruit and vegetables. Aim to eat at least 5 portions of fruit and vegetables a day. This will provide you with fibre and a range of vitamins and minerals, while also keeping your plate varied and colourful. Some fruit and veg also contain soluble fibre which can help lower cholesterol.

Go for fibre. Eating plenty of fibre is good for your heart, and some high-fibre foods can help lower cholesterol. Opt for 30 g of fibre a day, starting with wholemeal/wholegrain/whole wheat varieties of bread, rice and pasta whenever possible. Foods that contain soluble fibre are especially good for cholesterol – these include oats, beans, peas, lentils and chickpeas.

Stay physically active. Exercise is known for being one the most important factors in maintaining a good quality of life, helping to maintain our overall health and wellbeing. Regular exercise helps boost 'good' cholesterol while reducing LDL (bad cholesterol) and can also lower blood pressure.





Improving the quality of my diet. My practical steps:
Reducing bad habits.
My practical steps:
Other planned lifestyle changes/additional information:

BENECOL® PRODUCTS CONTAIN PLANT STANOLS - PROVEN TO LOWER CHOLESTEROL

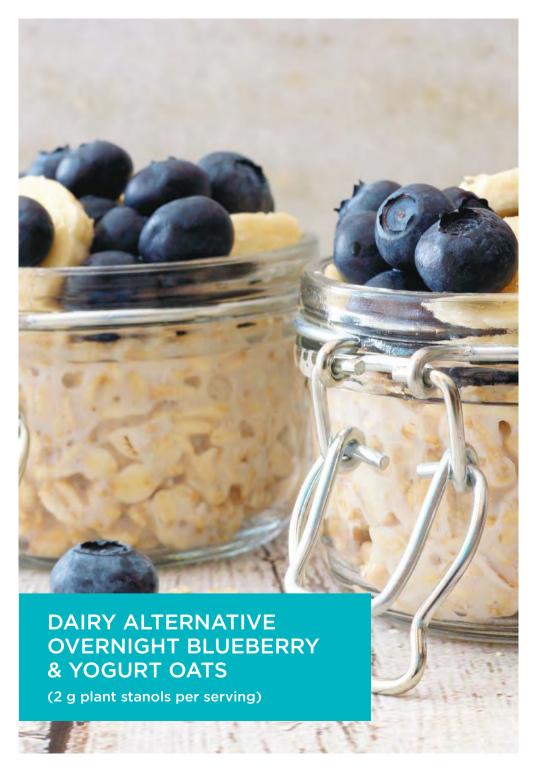
A daily intake of 1.5-2.4g plant stanols lowers cholesterol by 7-10% in 2-3 weeks*

To get the right daily amount of plant stanols, you can choose one of the following options:



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40 g (heaped 1/2 cup) iumbo oats

1 Benecol® blueberry yogurt drink

70 ml skimmed

1/2 chopped banana

Handful of fresh or frozen berries

Cinnamon - optional

METHOD

Pour your oats into a bowl along with the Benecol blueberry yogurt drink and milk.
Cover with a plate or place in a food container and leave overnight. The next day, top with your choice of fruit, for example, banana slices and blueberries.

Enjoy!

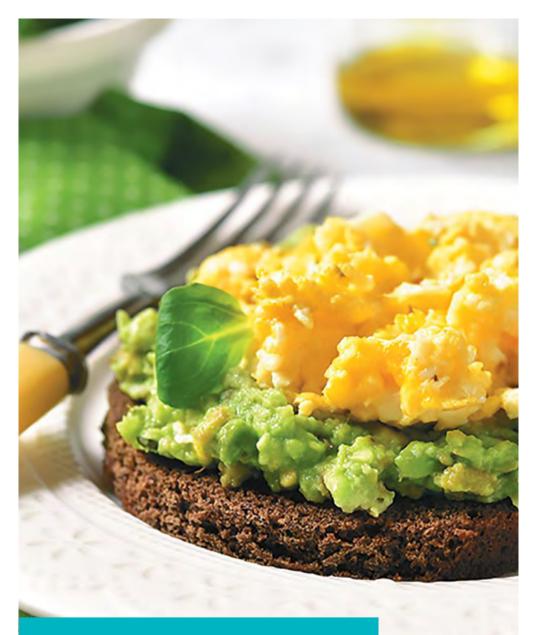


PREPARATION TIME

5 MIN



COOKING TIME



AVOCADO TOAST WITH SCRAMBLED EGGS

(2 g plant stanols per serving)



INGREDIENTS - Serves 1

Ш	1-2 slices of wholemeal bread
	2 eggs
	30 g Benecol® buttery taste spread
	Spray olive oil
	Handful of spinach
	1 chopped salad tomato
	2 chopped mushrooms
	1/2 medium avocado
	A pinch of pepper

METHOD

Pop your bread in the toaster and crack your eggs into a pan. Whisk your eggs over a medium heat, adding 5 g of Benecol buttery spread to the pan as the eggs start the thicken. Whilst your eggs are cooking, heat some olive oil in a pan and once hot, throw in your tomatoes and mushrooms; season with a good grind of pepper. Add your spinach towards the end of cooking to wilt. When your toast is done spread 25 g of Benecol buttery spread and scoop out your avocado flesh before 'smashing' it onto the toast using a fork. To serve, pop your avocado toast on a plate, with your buttery scrambled eggs on top and serve the vegetables on the side. Season with extra pepper.

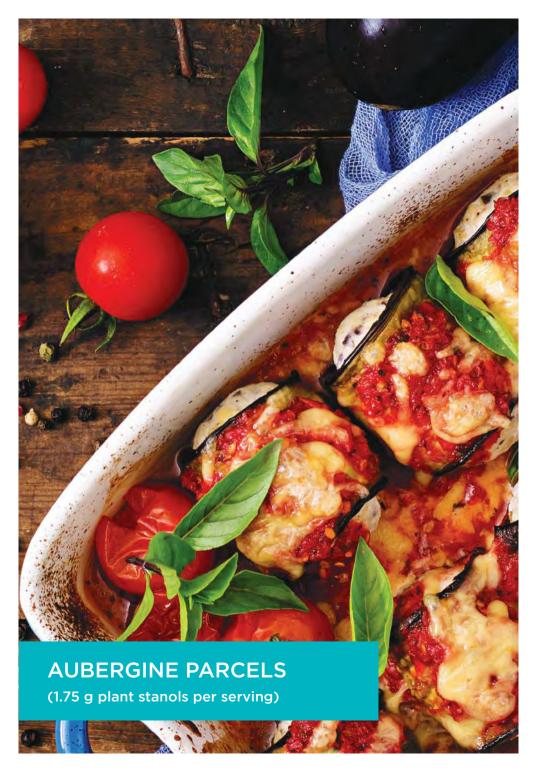


PREPARATION TIME

10 MIN



COOKING TIME





For the aubergine: **INGREDIENTS - Serves 2** Preheat the oven to Gas Mark 25 g Benecol® olive spread 1 large aubergine sliced thinly along its length For the filling: 25 a Benecol buttery taste spread 1 small onion, chopped 75 g fresh breadcrumbs 25 g pine nuts 6 sage leaves, chopped Finely grated zest and juice half a lemon 3 medium vine tomatoes sliced thinly 15 g Parmesan cheese, finely grated for topping

METHOD

6/200°C/fan oven 180°C. Brush the melted Benecol olive spread over the aubergine slices on both sides. Heat a griddle pan or frying pan until hot and add the slices (you may have to do this in batches), cooking for 1-2 minutes turning once until golden and softened. Remove from the pan and set aside whilst you make the filling. Melt the Benecol buttery taste spread in a small pan and add the onion. Cook for 5 minutes until softened. Remove from the heat and stir in the remaining ingredients (except the tomatoes and parmesan) with a little salt and pepper. Spread the filling over the aubergine slices, fold up and place snugly in an ovenproof dish. Top with tomato slices and sprinkle over the cheese. Bake for 15 minutes until golden and the filling is hot.

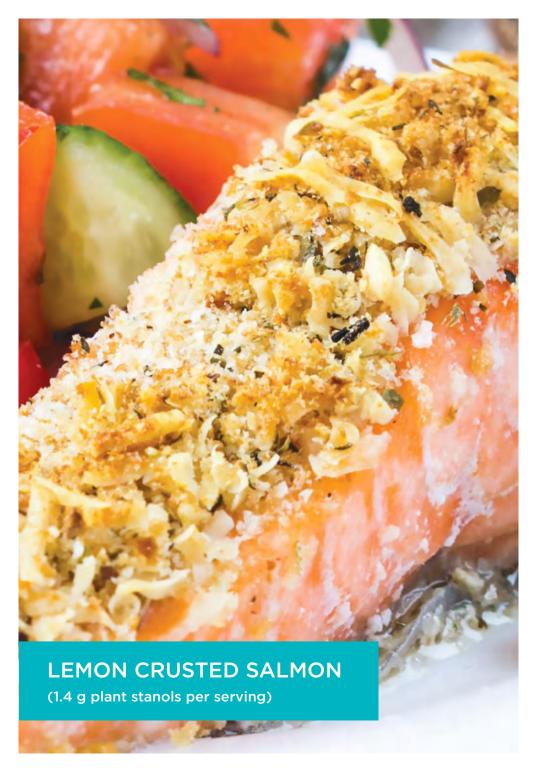
Serve with salad or vegetables.



PREPARATION TIME 15 MIN



COOKING TIME 30 MIN





INGREDIENTS - Serves 3 METHOD 500 g new potatoes. Preheat the oven to Gas Mark 6/ halved if large 200°C/fan oven 180°C. Place the potatoes in a roasting tin and dot 30 g Benecol® olive spread with the Benecol olive spread. For the crust: Roast for 30 minutes, shaking the pan occasionally. Mix together 30 a fresh breadcrumbs the breadcrumbs, oats, anchovies, 30 a rolled oats capers, lemon zest, chives and pine nuts. Add the Benecol olive 10 g anchovies drained spread and mix to a rough paste. and chopped Place the salmon pieces on a 15 g capers drained non-stick baking tray and top and chopped with the breadcrumb mixture Bake in the oven for 15-20 minutes. 1 lemon finely grated zest Serve the salmon with the potatoes. 2 tbsp snipped chives some asparagus or peas and lemon wedges for squeezing over. 25 g pine nuts 30 g Benecol olive spread 3 x 130 g salmon fillet pieces Steamed asparagus or peas to serve Lemon wedges to serve



PREPARATION TIME

15 MIN



COOKING TIME

50 MIN

FOOD DIARY



Keeping a food diary will help you be aware of your own eating patterns and spot opportunities for positive changes to your diet. Use the diary below to write down everything you eat and drink over 3-4 days (try to include 2 week days and 1 weekend). You can use this with your healthcare professional or individually to reflect and commit to some healthy improvements.

Date	Time	What I ate/drank (e.g. brown bread with peanut butter and banana)	How much (e.g. 2 slices, 1 tsp, whole fruit)	

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Date	Time	What I ate/drank (e.g. brown bread with peanut butter and banana)	How much (e.g. 2 slices, 1 tsp, whole fruit)		
		pediat batter and banana)	r tap, whole fruit)		
Reflection, comments, goals/commitments:					

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For more information and advice, visit Benecol® online. IE: www.benecol.ie

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