





## Factors that may influence your condition include:

- Impaired insulin secretion
- Stressful or sedentary lifestyle
- Cellular insulin resistance
- Obesity
- Family history of type II diabetes
- Social drugs
- Diet high in saturated fat, sugar, refined carbohydrates or low in fibre
- Diet high in stimulants such as tea, coffee, cola, chocolate or alcohol

## Symptoms you may experience include:

- Needing more than 8 hours sleep
- Feeling thirsty
- Needing coffee or tea to get you going
- Frequent urination in the morning
- Heavy sweating regularly during the day
- Fatigue
- Dizziness
- Mood swings
- Cravings for sweet foods
- Headaches
- Palpitations
- Energy dips

You might hear people referring to the “Glycaemic Index” of foods - this is a ranking of how foods affect blood sugar levels. Slowly absorbed foods have a low GI rating whilst foods that are more quickly absorbed have a higher rating. Choosing lower GI foods can help to maintain balanced blood sugar levels throughout the day. Here are a few broad guidelines to help you reduce the GI of your diet and ensure you include “healthful” options.



## Fats

Increase the intake of mono-unsaturated oil: olive oil is particularly effective. Increase omega-3 fats from oily fish, linseeds, hempseeds. Increase nuts and seeds.

## Protein

Increase protein from sources unattached to saturated fats, such as lean chicken and turkey, white fish, oily fish (tuna, mackerel, herrings, pilchards, sardines, salmon), eggs, yoghurt, cottage cheese, feta, mozzarella, nuts and seeds. Include high quality protein with every meal and snack.

## Fibre

Increase the intake of dietary fibre (both soluble and insoluble) from whole grains (if tolerated), lentils, pulses, fruit and vegetables: fibre has been shown to help balance blood sugar.

### **So, for instance, a high GI breakfast might be:**

Cornflakes, toasted white bread, tea/coffee/sugar.

### **Whilst a low GI breakfast might be:**

Smoothie made from nuts, seeds and fruits with almond milk and poached eggs on mashed sweet potato, or an omelette filled with vegetables.

## Fluids

Drink two litres of water daily - taken away from meals and sipped slowly to avoid stress on the kidneys. For variety, drink diluted fruit juices, organic vegetables juices and herbal teas.

# Supplements that can help and appropriate levels

## Cytoplasm Blood Glucose Support

Each capsule contains:

Nutrient	Strength	%RDA
Zinc	5.9mg	60
Copper	0.5mg	49
Manganese	0.5mg	27
Selenium	38.4µg	70
Chromium (GTF)	135µg	337
Molybdenum	36.0µg	72
Cinnamon Extract 20:1 Equivalent to 500mg whole cinnamon	25.0mg	*

### Permitted EFSA Claims for this product:

**Chromium** contributes to normal blood glucose levels.

**Zinc** contributes to normal carbohydrate metabolism.

### GTF Chromium

Chromium enhances the action of insulin, your body's fat storage hormone. Insulin is also needed to metabolise carbohydrates, fat and protein in your body. The naturally-occurring form of chromium is called dinicotinic-acid glutathione complex, or GTF chromium. GTF is different from simple chromium compounds because it is more easily absorbed by your body and far safer than other forms.

Diets high in refined carbohydrates tend to be low in GTF chromium, which is why they also predispose to glucose tolerance problems. Complex carbs have higher levels of GTF Chromium.

Our "BLOOD GLUCOSE SUPPORT" contains 135µg GTF chromium per capsule.

## Zinc

Zinc improves cell health, making up a component of the enzymes necessary for insulin to bind to cells so that glucose can enter and be utilised for energy. Diets high in refined carbohydrates are usually low in zinc, so this mineral has been added to our Blood Sugar Support formulation.

## Cinnamon

Cinnamon is best known as a spice, sprinkled on toast and lattés. But extracts from the bark of the cinnamon tree have also been used traditionally as medicine throughout the world. Cinnamon facilitates glucose use in humans, enhances insulin sensitivity and uptake into muscle cells.<sup>(1)</sup> Our Blood Sugar Support contains equivalent of 500mg cinnamon per capsule, plus a wholefood base containing other minerals that help regulate blood sugar and support the action of the above mentioned.

1) Willoughby JJ 2008. Cassia Cinnamon for the attenuation of glucose intolerance and insulin resistance resulting from sleep loss/ J MED FOOD June 12 467-72

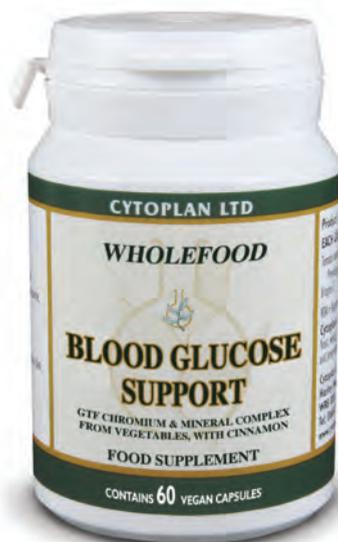
## Dosage

1-3 capsules per day as needed, spread over the course of the day. Take with meals or half an hour before food.

## Contraindications

Insulin-dependent diabetics should not take this product, except on medical advice.

Order code: 3637







sugar

Blood sugar



FOOD	INDEX	FOOD	INDEX	FOOD	INDEX
<b>SUGARS</b>		<b>GRAINS &amp; GRAIN PRODUCTS</b>		<b>VEGETABLES continued</b>	
Glucose	100	French Baguette	95	Potatoes (new)	70
Honey	87	White Rice	72	Sweetcorn	59
Sucrose (sugar)	59	White Bread	70	Sweet Potatoes	54
Fructose (fruit sugar)	20	Wholemeal Bread	69	Peas	51
<b>FRUIT</b>		Ryvita	69	Carrots	49
Pineapples	66	Pastry	59	<b>PULSES</b>	
Melons	65	Basmati Rice	58	Baked Beans	48
Raisins	64	Brown Rice	55	Butter Beans	36
Bananas	62	White Spaghetti	42	Chick Peas	36
Kiwi Fruits	52	Wholegrain Rye Bread	41	Blackeye Beans	33
Grapes	46	Barley	26	Haricot Beans	31
Oranges	40	<b>CEREALS</b>		Kidney Beans	29
Apples	39	Cornflakes	80	Lentils	29
Plums	39	Puffed Rice	73	Soya Beans	15
Pears	38	Weetabix	69	<b>SNACKS &amp; DRINKS</b>	
Grapefruits	25	Shredded Wheat	67	Lucozade	95
Cherries	25	Muesli	66	Corn Chips	72
<b>DAIRY PRODUCTS</b>		Kellogg's Special K	54	Fanta	68
Yoghurt	36	Kellogg's All-Bran	52	Mars Bar	68
Whole Milk	34	Porridge Oats	49	Muesli Bar	61
Skimmed Milk	32	<b>VEGETABLES</b>		Potato Crisps	54
		Parsnips (cooked)	97	Orange Juice	46
		Potatoes (baked)	85	Apple Juice	40
		French Fries	75	Peanuts	14



**CYTOPLAN LTD.**

**Unit 8 Hanley Workshops, Hanley Road,  
Hanley Swan, Worcestershire. WR8 0DX.**

**t: 01684 310099**

**f: 01684 312000**

**e: [info@cytoplan.co.uk](mailto:info@cytoplan.co.uk)**

**[www.cytoplan.co.uk](http://www.cytoplan.co.uk)**

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**5060202183012**  
**CYT HIS-6 Blood Sugar**