





Supporting You to Reduce Your Risk of Developing Type 2 Diabetes



Agenda Setting

What would you find it helpful to discuss today?









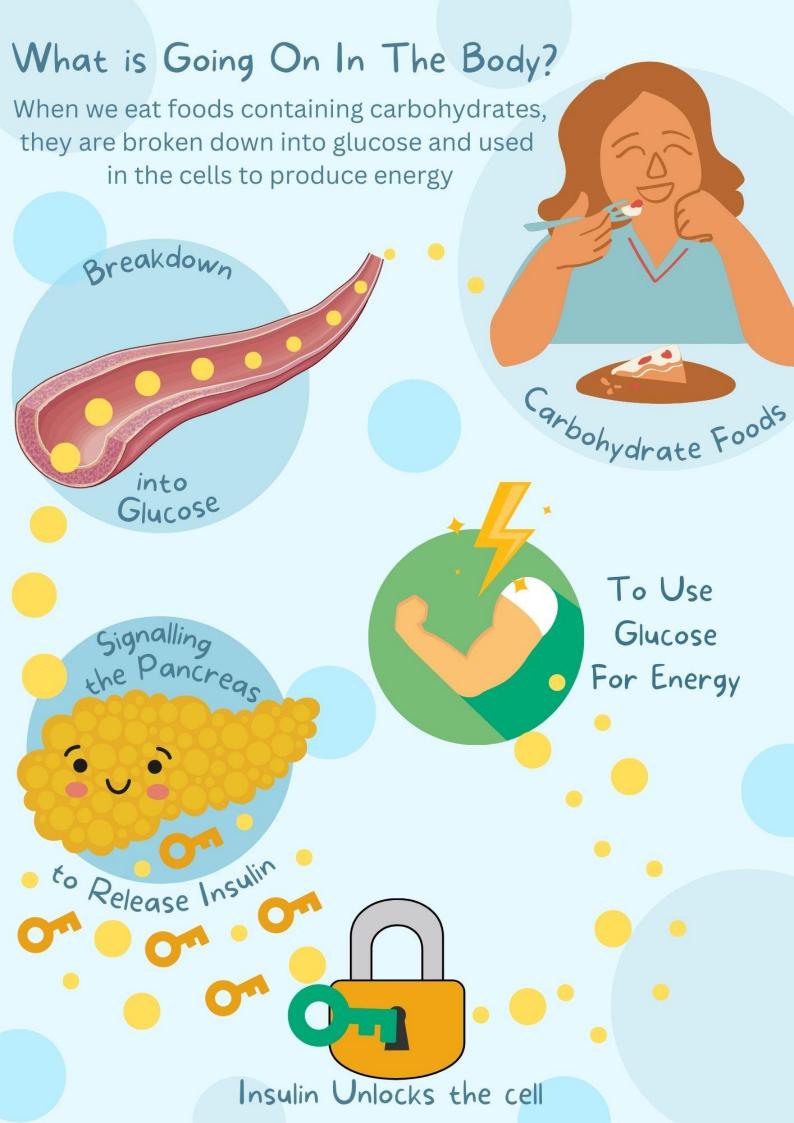






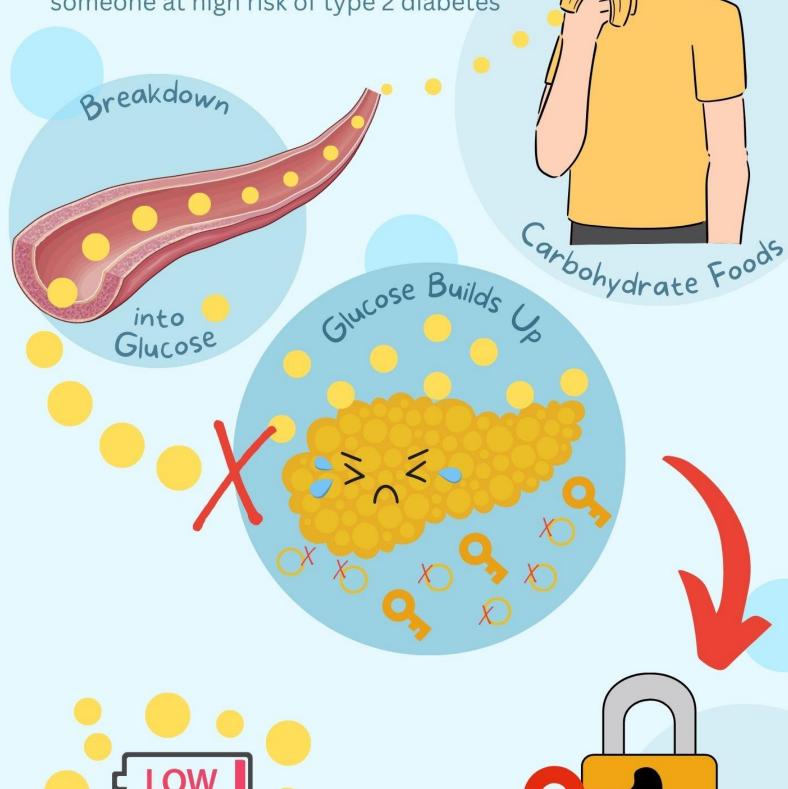




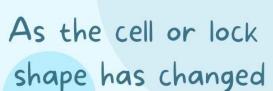


What is Prediabetes?

When blood glucose levels are higher than normal (HbA1c=42-47mmol/mol), placing someone at high risk of type 2 diabetes

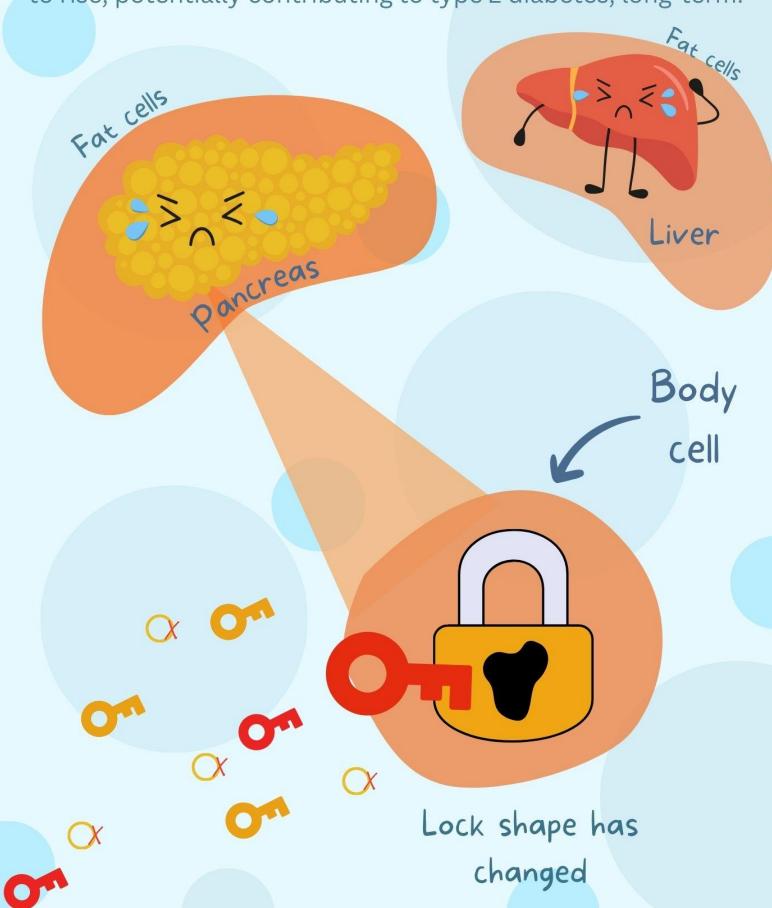


Making it harder for glucose to be used for energy



What is Insulin Resistance?

Our body fat can surround our organs, changing the shape of our cells and making the insulin (keys) harder to fit the lock (cell). This is known as insulin resistance and causes blood glucose levels to rise, potentially contributing to type 2 diabetes, long-term.



Are There Symptoms?

Many people who are at high risk of developing type 2 diabetes may not experience any symptoms at all, and some people may only experience them following a meal high in carbohydrate.













Why Prevent Type 2 Diabetes?

Frequent diabetes monitoring



Reduced quality of life



Increased risk of other conditions



Mental health burden



Risk of complications



More medical appointments



Additional medications



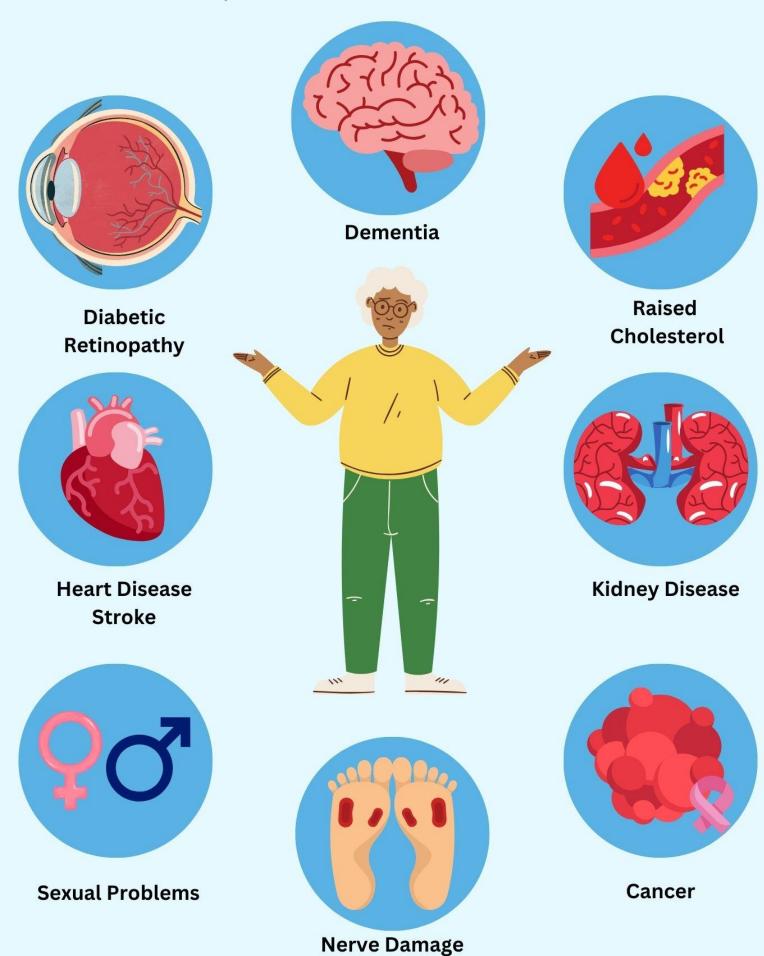


Medication side effects



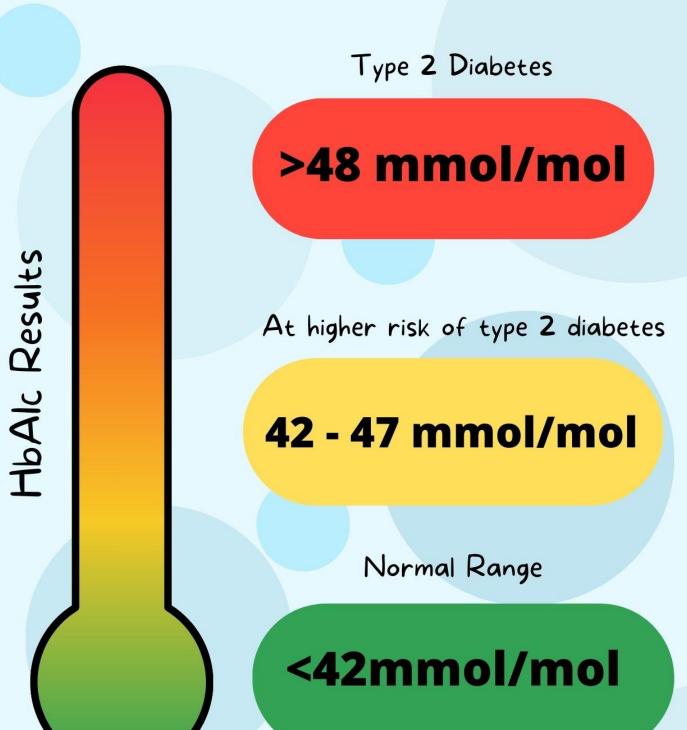
Diabetes Complications

If diabetes is not managed, it can lead to long-term complications such as those below.



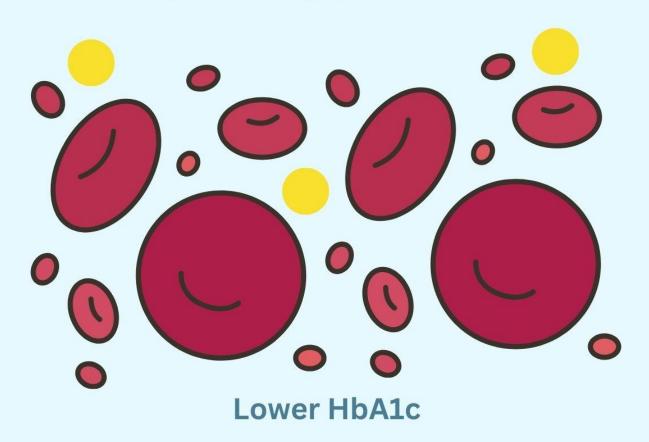
What is HbAlc?

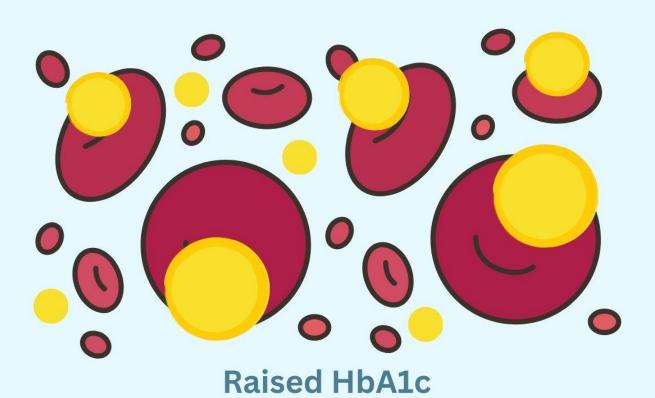
HbA1c is the measure of blood glucose level management over an approximate 3 month period. It is a blood test conducted by the GP surgery or hospital.



What is an HbAlc Test?

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What are the Risk Factors for Prediabetes?



Can't Change

Age

Ethnicity

Family History

Gender

Can Change

Food Choices

(Physical Activity)

(Smoking/ Alcohol)

Weight

Stress

Sleep

Alcohol



Alcohol can raise blood glucose levels and contribute to weight gain. Guidelines suggest consuming less than 14 units/ week, with 2 non-consecutive alcohol free days.



2.4 units

Pint lager/beer/cider (ABV 3.6%)

3 units

Pint lager/beer/cider (ABV 5.2%)



2.4 units

Can of lager/beer/cider (440ml, ABV 5.5%)



1.5 units

Small glass of red/white/rosé wine (125ml, ABV 12%) Bottle (750ml - 9 units)



1.7 units

Bottle of lager/beer/cider (330ml, ABV 5%)



1 unit

Single small shot of spirits* (25ml, ABV 40%)



1.5 units

Champagne (125ml)

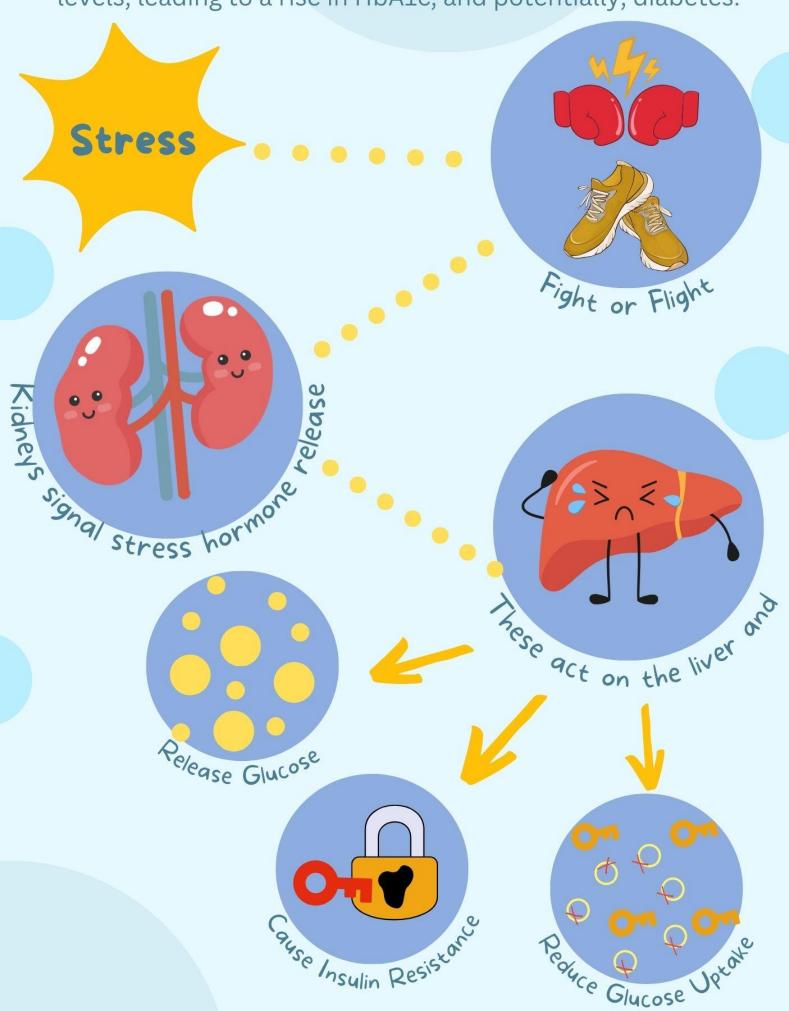
What are the Symptoms of Stress?

Chronic stress can have a detrimental impact on our blood glucose levels, leading to a rise in HbA1c, and potentially, diabetes.



How Could Stress Impact Prediabetes?

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Increased HbA1c

- Increased appetite
- Weight gain
- Inflammation

What is a Healthy Weight?



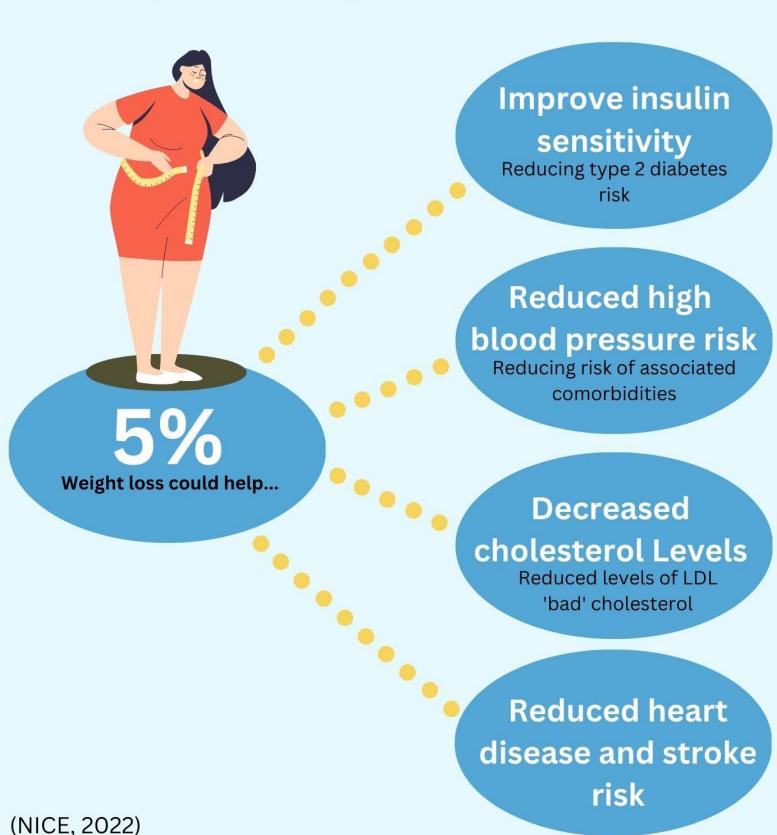
BMI (Body Mass Index)	Category	BMI African, Asian and Caribbean Population
Under 20kg/m2	Underweight	Under 20kg/m2
20-25 kg/m2	Healthy Weight	20-23 kg/m2
25-30kg/m2	Above	23-28 kg/m2
30-35kg/m2	Recommended	28-33 kg/m2
Over 35kg/m2	Weight	Over 33kg/m2

Body Mass Index (BMI) is the measure of your weight in relation to your height.

Maintaining a Healthy Weight For You

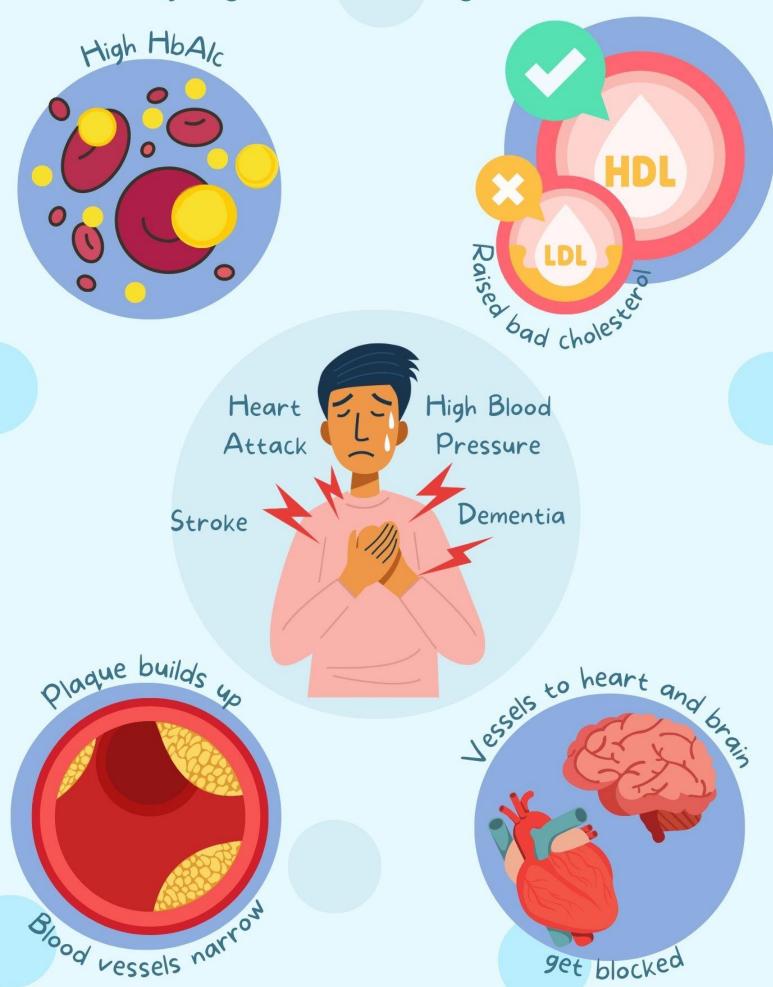
If appropriate for you, did you know that 5% weight loss could help to reduce your type 2 diabetes risk.

Gradual weight loss of 0.5-1kg/ week or 1-2/week is recommended.



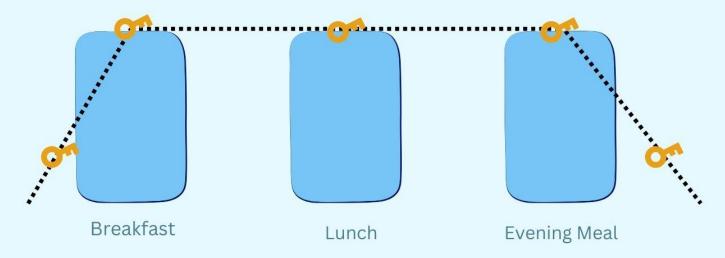
Prediabetes and Heart Health

Prediabetes can increase the risk of cardiovascular disease, caused by long-term raised blood glucose levels

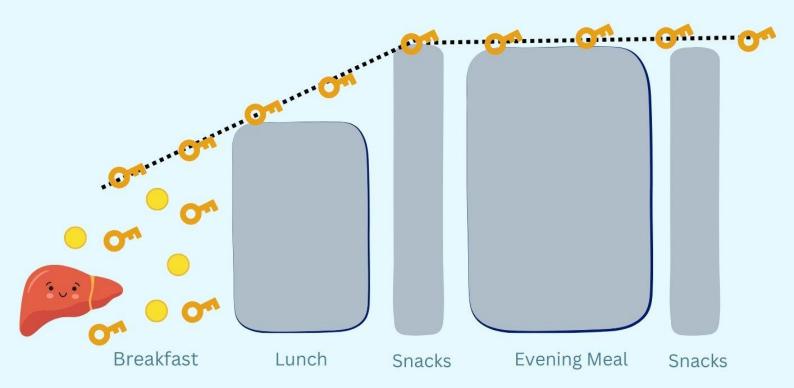


Are Regular Meals Important?

Consuming regular meals of the right proportions can be beneficial to managing our blood glucose levels and our overall health.



Regular Meals



Irregular Meals

CARBOHYDRATES

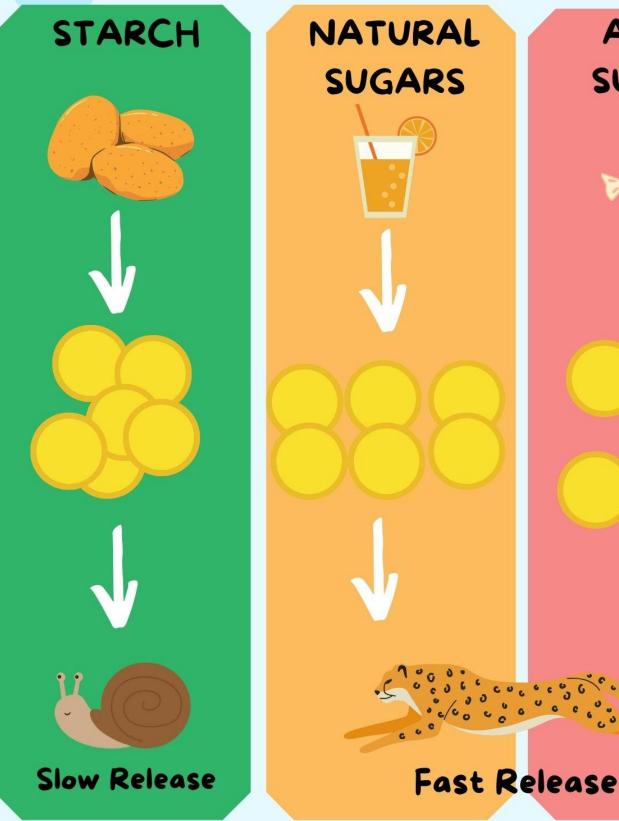
STARCH 568800

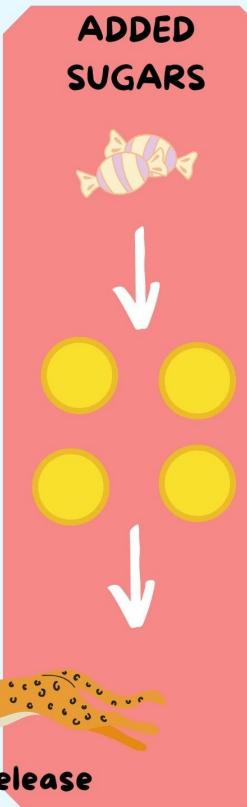




Glucose Release

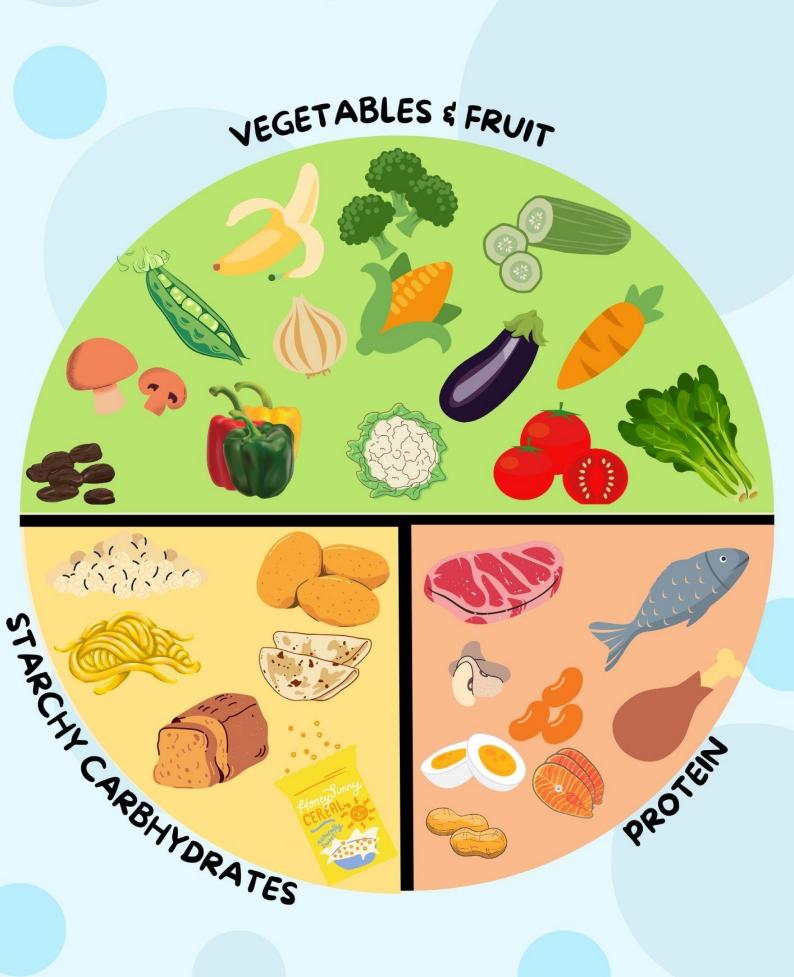
Carbohydrates are made up of glucose molecules and depending on the carbohydrate type, release the glucose at different speeds. Slower, starch-based, particularly wholegrain option foods give the pancreas time to release insulin.



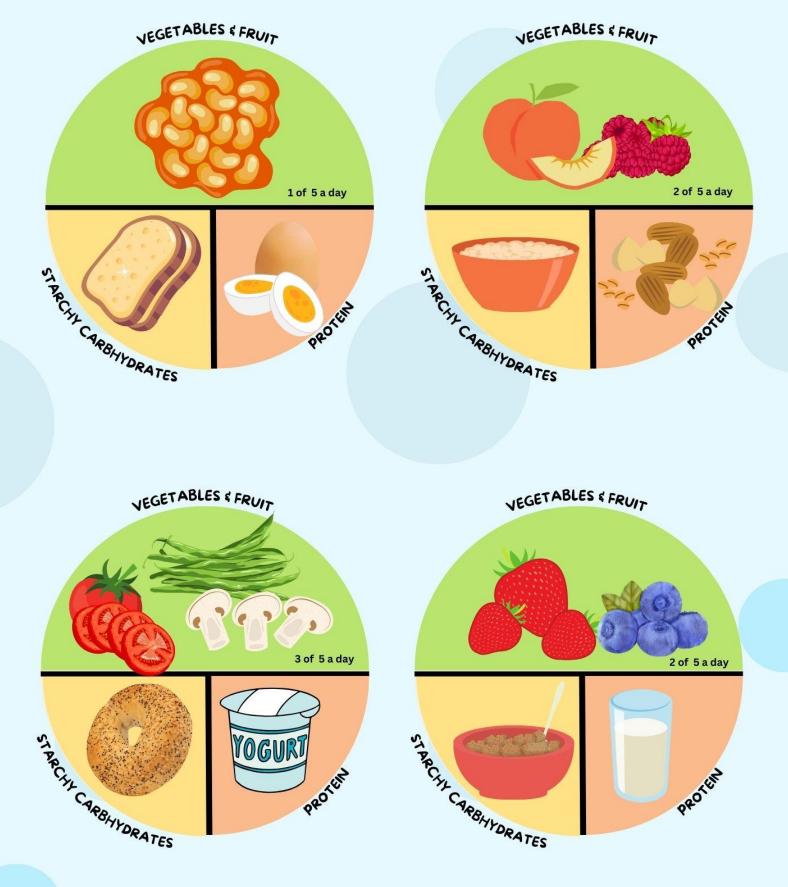


The 'T' Plate

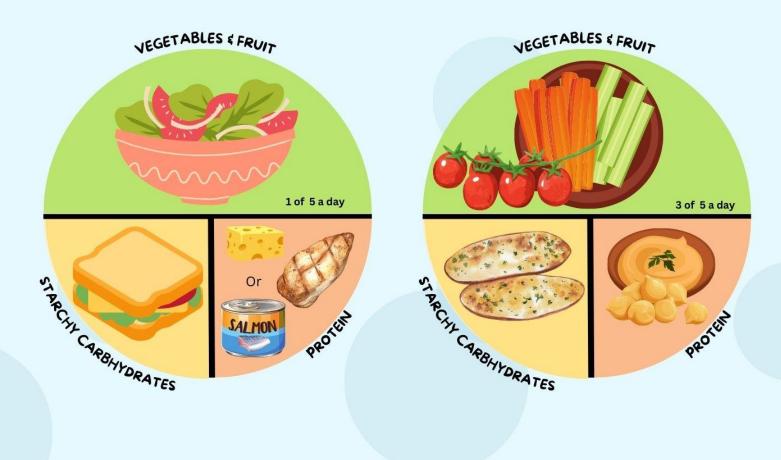
The 'T plate' can be a useful aid to weight management without the need to weigh and measure foods.

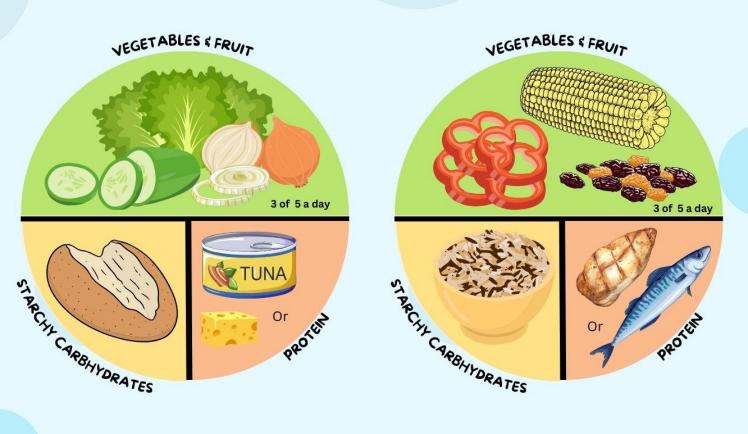


Breakfast Time Meal Examples of the 'T' Plate



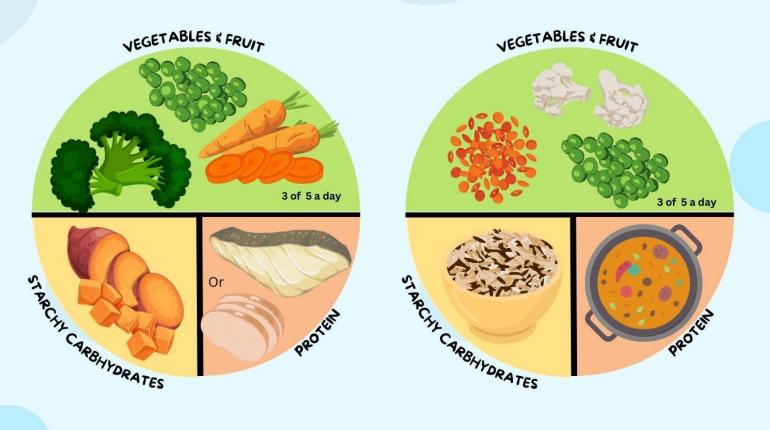
Lunch Time Meal Examples of the 'T' Plate





Evening Meal Examples of the 'T' Plate

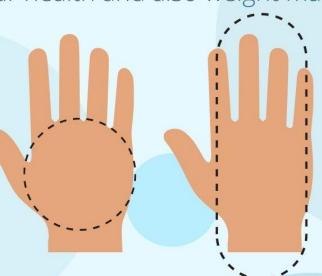




What is a Portion?

A portion helps us know how much of a food we are eating, in a standardised way. Being aware of our portions can help with our health and also weight management.

Carbs, Red Meat & Beans



White Fish or Chicken

Spreads or Oils

Top Tip:
Opt for plant based
types



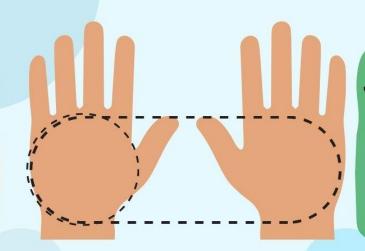


Cheese

Top Tip:
Opt for reduced fat

Fruit





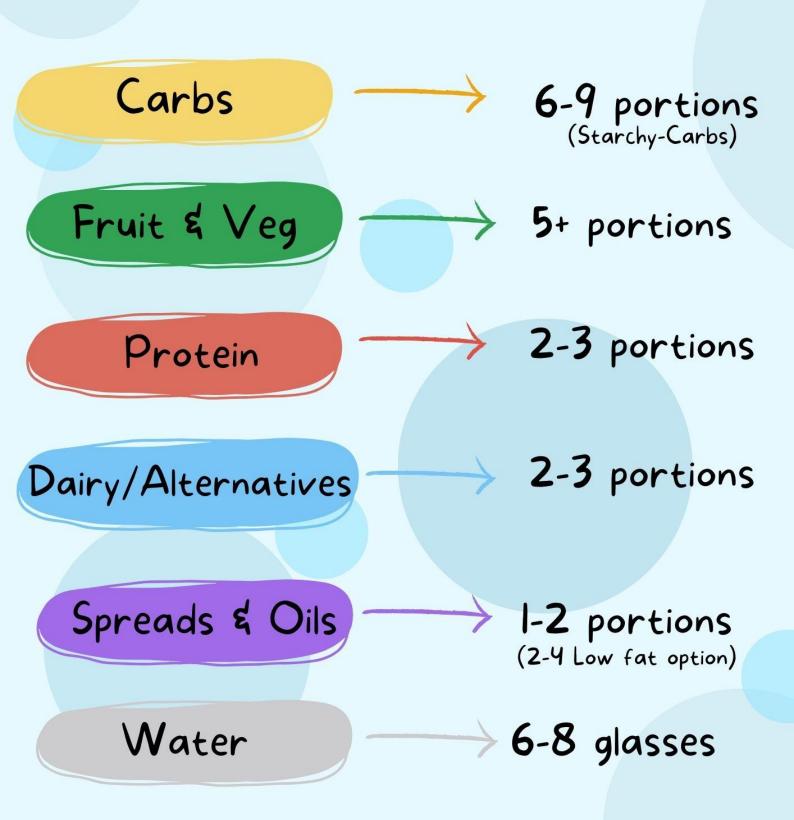
Vegetables

Top Tip:

Add to meals to

meet your 5-a-day

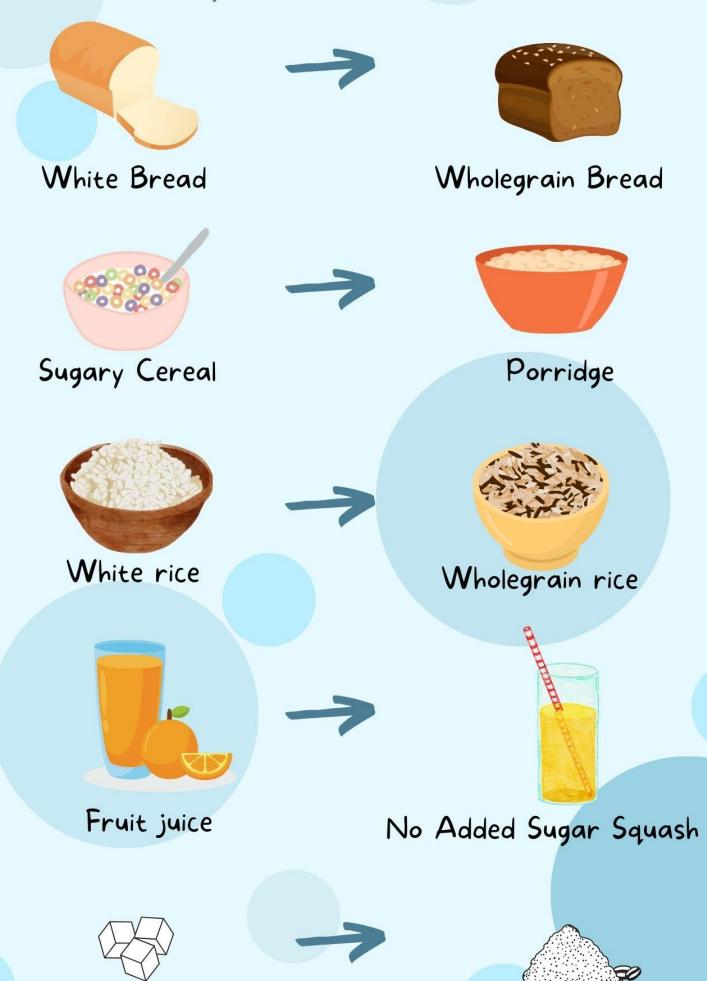
A Guide to Daily Food Portions





Limit food and drinks high in fat, salt and sugar or that are highly processed

Carbohydrate Swap Ideas



Sweetener

Sugar

A Typical Day Example of Carbohydrate Portions

Carbs

6-9 portion example



Porridge (1-2 portions)

Breakfast



Cereal Bar (1 portion) Snack

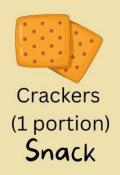
Fruit & Veg 5 Portion Example Carrots Banana Sweetcorn Tomatoes



Sandwich (2 portions) **Lunch**



Pasta (2-3 portions) **Evening Meal**





2-3 Portion Example



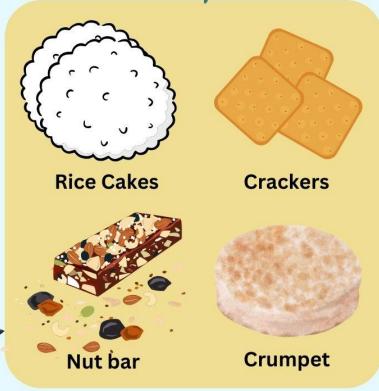
Milk (On cereal and in drinks)



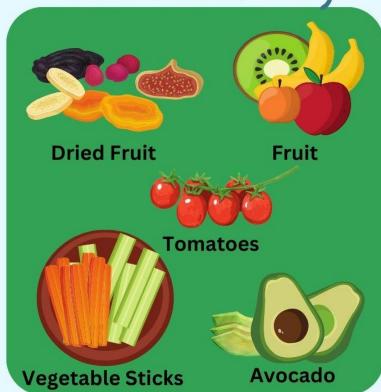
Yoghurt

Healthy Snack Ideas

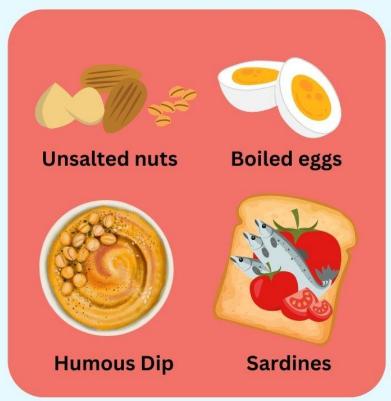
Carbohydrate



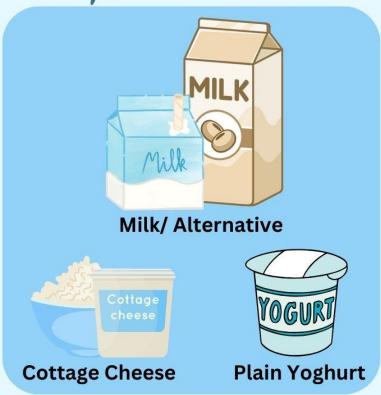
Fruit and Veg



Protein



Dairy/ Alternatives

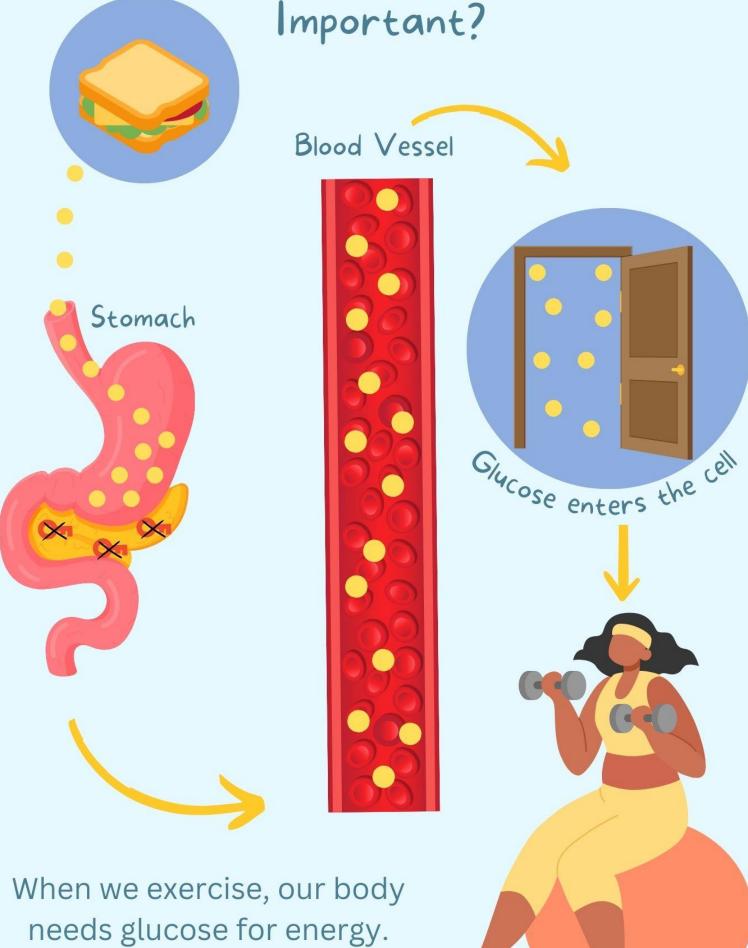


How Physically Active Should I be?

Being more active can have many benefits to our physical and mental health. It can also help lower blood glucose levels and support weight management, recommendations are 150 mins/ week.



Why is Being Active with Prediabetes



But can get it without insulin.