# BALANCED eating

You can keep your blood sugars stable throughout the day by eating a good, balanced diet. Make sure you eat all 3 macronutrients (PFC) every time you eat.

When you eat make sure you include:







CARBS

FAT





## HOW DOES BLOOD SUGAR work!

## THE PROBLEM

Sharp spikes and drops in your blood sugar are created by skipping meals and eating high sugar or processed foods.

When you eat:

**BLOOD SUGAR LEVELS RISE** 

Hours after eating:

BLOOD SUGAR LEVELS FALL

## THE SOLUTION

Support stable blood sugar levels and glucagon secretion and hormone by eating balanced meals and snacks of protein, carbohydrate and fats every few hours.

| FOR HEALTHY   | AND PLENTY OF |
|---------------|---------------|
| Body & Weight | Energy!       |

### HORMONE REACTIONS

Skipping meals or eating too much sugar disrupts your blood sugar levels.

Here are some of the blood sugar hormones effected by what you eat:

#### glucagon

SECRETED: When blood sugar levels are stable

ACTION Body is in fat burning mode and transfers fat from storage to energy

> RESULT Weight loss & stability

## Cholecystokinin (CCK)

LEVELS RAISE: 15 minutes after a meal (and remain high for up to 3 hours)

ACTION Decreases glucagon & ghrelin levels during a meal and shorlty after

**RESULT** Aids digestion and reduces appetite

#### insulin

**RELEASED:** When blood sugar levels are high

**ACTION** Inhibits fat burning and begins fat storing

> RESULT Fat storing & weight gain

## ghrelin

REACTS: When protein, calorie intake and blood sugar levels are low.

ACTION Body increases blood glucose levels

> **RESULT** Fat storing & weight gain

## Leptin

**REGULATES:** Food intake, body weight, energy expenditure, glucose and insulin

HIGH LEVELS Lower glucose levels and increase insulin sensitivity

> I OW I FVFI S Equals less body fat







