Reasons You're Not Losing Weight



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### **Genetics**

## Genetics play a significant role in a woman's ability to lose weight.

Studies suggest that genetics can determine up to 40-70% of an individual's body mass index (BMI), affecting how fat is stored and how easily the body burns calories. Variations in genes related to appetite control, metabolism, and fat storage can predispose some women to struggle with weight loss.

### **Your Body Composition**

Body size, influenced by fat-free mass, plays a vital role in weight loss outcomes.



A woman's body composition—her ratio of muscle to fat, body shape, and fat distribution—can make weight loss more difficult.

For example, women tend to store more fat in the hips, thighs, and buttocks due to reproductive needs, and this fat is often more resistant to being burned for energy than fat in other areas.

Taller or heavier individuals with more fat-free mass typically have a higher basal metabolic rate, potentially facilitating quicker weight loss with similar calorie intake.

Conversely, shorter and lighter individuals may find weight loss more challenging.



### **Previous Weight Loss Attempts**

Repeated attempts at weight loss can make it harder to lose weight in the future.

## Yo-yo dieting, characterized by cycles of weight loss followed by weight regain, disrupts metabolic processes

Each time the body loses weight, it slows its metabolism to conserve energy, a survival mechanism from our evolutionary past.

When women repeatedly lose and regain weight, their metabolic rate may not return to its original level, making it harder to shed pounds in subsequent attempts.

Studies show that frequent dieting can also increase cravings for high-calorie foods, further hindering weight loss success.

### **Metabolic Adaptations**

After losing weight, the body undergoes metabolic adaptations that slow down weight loss.

This is known as "adaptive thermogenesis," where the body becomes more efficient at conserving energy, making it harder to lose additional weight or maintain previous losses.



### **Meal Timings**

The timing of meals can also impact weight loss.

## Women who skip meals or eat late at night often struggle more with weight loss.

Late-night eating, in particular, can lead to an increase in body fat and a slower metabolism. Studies suggest that eating during the body's active hours, when metabolism is higher, helps with weight management. A strategy known as time-restricted feeding, where eating is limited to an 8-10 hour window, can support weight loss by aligning with the body's circadian rhythm. Eating earlier in the day ensures that calories are used as energy rather than stored as fat

### **Social Support**

The presence of a supportive network can make a significant difference in weight loss success.



Women with encouragement from family, friends, or weight loss groups tend to be more motivated and adhere better to healthy habits. Conversely, lack of social support can lead to feelings of isolation and decreased motivation.



### **Stress**

Chronic stress increases levels of the hormone cortisol, which promotes fat storage, particularly around the abdomen.

Women under stress often turn to comfort foods high in sugar and fat, contributing to weight gain and making it harder to lose fat, especially in the midsection.

Stress triggers the release of cortisol, which not only promotes fat storage, especially around the midsection, but also encourages cravings for high-fat, high-sugar foods. This combination of increased fat storage and overeating makes weight loss, particularly from the abdominal area, challenging for women

### **Sleep Habits**

Poor sleep can significantly affect a woman's ability to lose weight.

Research has consistently shown that insufficient sleep alters the balance of hormones like ghrelin and leptin, which regulate hunger and satiety.

When women don't get enough sleep, their ghrelin levels rise, increasing appetite, while leptin levels drop, making them feel less satisfied after eating.

Additionally, poor sleep quality is linked to higher levels of stress, leading to an increase in cortisol, a hormone that promotes fat storage, especially around the abdominal area.



### **Medications**

Certain medications can affect weight loss efforts by influencing metabolism, appetite, or how the body stores fat.

Common medications like antidepressants, antipsychotics, steroids, and even birth control pills can lead to weight gain.

These drugs may alter hormonal balance or increase water retention, making it harder for women to shed pounds.

For those on long-term medication, discussing alternative treatments or lifestyle adjustments with a healthcare provider can help minimize weight gain

### **Hypothyroidism**

Hypothyroidism, a condition where the thyroid gland produces insufficient thyroid hormone, can lead to weight gain and difficulty losing weight.



The thyroid regulates metabolism, and when it functions below optimal levels, the metabolism slows, resulting in weight gain, fatigue, and difficulty shedding pounds.



### Menopause

Menopause creates the perfect storm for weight gain and can be a significant hurdle when it comes to weight loss.

During menopause, the body undergoes hormonal changes, particularly a drop in estrogen levels, which leads to a slower metabolism and changes in fat distribution. This hormonal shift can cause women to gain weight, especially around the abdomen. Moreover, menopause can bring on other symptoms like sleep disturbances, mood swings, and fatigue, making it harder to maintain the energy and motivation needed to pursue weight loss goals.

### **Insulin Resistance**

Insulin resistance is another major factor that can make weight loss difficult for women.



This condition occurs when the body's cells become less responsive to insulin, a hormone that regulates blood sugar. As a result, more insulin is needed to process glucose, leading to elevated levels of this hormone.

High insulin levels are associated with fat storage, particularly around the abdomen, making weight loss challenging.

Insulin resistance is commonly linked to conditions like polycystic ovary syndrome (PCOS) and type 2 diabetes, which further complicate weight management.

### **PCOS**



PCOS is a hormonal disorder that affects up to 10% of women of reproductive age and is strongly linked to insulin resistance.

Women with PCOS often find it harder to lose weight due to hormonal imbalances and slower metabolism.

**Polycystic ovary syndrome** can also lead to weight gain, especially around the abdomen, further complicating weight loss efforts.

### Contraception

# Certain types of hormonal contraception, such as birth control pills, may lead to weight gain.



While not all women will experience this, the hormones in some contraceptives may cause water retention, increased appetite, and changes in fat distribution, making weight loss more challenging.

Recent evidence suggests no clinically and statistically significant short or long-term effects of oral contraceptives on weight in women with normal or higher BMI.

However, a recent secondary analysis suggested an association between oral contraceptive use and weight gain after weight loss, although, only a small number of individuals were studied for any conclusive evidence.



### **Hydration**

Dehydration can be mistaken for hunger, leading to overeating.

Proper hydration supports metabolism and helps the body burn calories more efficiently.

Drinking enough water can also improve digestion and reduce water retention, aiding weight loss.

### **Vitamin D Deficiency**

Vitamin D deficiency is linked to obesity and difficulty losing weight.



Research shows that women with lower levels of Vitamin D tend to have higher body fat percentages, particularly around the abdomen. Vitamin D plays a role in fat metabolism and insulin sensitivity, and deficiency can hinder weight loss.

### Surgery



Surgical procedures like hysterectomies or C-sections can lead to weight gain due to changes in hormone levels, reduced physical activity during recovery, and metabolic change.

Weight loss post-surgery may be more difficult due to these factors, alongside psychological impacts and stress from the procedure.



### **Ultra-Processed Foods**

Diets high in ultra-processed foods (UPF's) are linked to weight gain and difficulty losing weight.

These foods are often high in sugar, unhealthy fats & sodium, leading to overeating and poor nutrient intake.

Common examples of ultra-processed foods include:

- Packaged snacks (chips, cookies)
- Sugary cereals
- Instant noodles
- Soda and sugary drinks
- Processed meats (hot dogs, sausages)

### **Macronutrient-Based Diets**

The composition of a woman's diet—whether high protein, low protein, low carbohydrate, or low fibre—can significantly affect weight loss.



High-protein diets are generally more effective for weight loss due to their ability to increase satiety and preserve muscle mass.

Conversely, low-carb and low-fibre diets can lead to overeating and make it harder to achieve a calorie deficit.



## Adherence to Diets and Short-Term Energy Deficits

Short-term fluctuations in diet, such as yo-yo dieting, can slow metabolism and increase fat storage

Consistency is key to weight loss, but women often struggle with adhering to restrictive diets or maintaining a consistent calorie deficit over time.

### Circadian Misalignment

Eating and sleeping out of sync with the body's natural circadian rhythms can hinder weight loss.



Shift work, irregular meal timings, and poor sleep quality disrupt the body's metabolism, making it harder to lose weight.

### **Physical Activity Level**



Physical activity is crucial for weight loss, but many women face barriers like time constraints, lack of motivation, or physical limitations that reduce the amount of exercise they can engage in

Lower activity levels slow metabolism and impact the overall calorie deficit needed for weight loss.



## The Weather & Physical Activity

Cold or inclement weather can discourage outdoor physical activity, particularly walking or running, leading to a reduction in overall physical activity levels.

Seasonal changes can also influence mood and motivation, further impacting the ability to stay active and burn calories.

### **Alcohol**

Alcohol can be a major obstacle to weight loss due to its high caloric content and its impact on metabolism.



Alcohol puts load on the liver and impairs the body's ability to burn fat.

Alcohol can lead to poor food choices, further sabotaging weight loss goals.

Alcohol also negatively impacts sleep quality which can have a knock on effect with food choices the following day



### **Psychological Factors**

Mental health issues such as depression, anxiety, and low self-esteem can significantly impact weight loss efforts.

Emotional eating, lack of motivation and stress are common psychological barriers to maintaining a healthy lifestyle and achieving weight loss.

### **Confidence & Bias from Others**

Negative perceptions and bias from others can affect a woman's confidence and her ability to maintain healthy habits.



Feeling judged for weight or body shape may reduce motivation, increase stress, and lead to emotional eating, which can hinder weight loss efforts.

### **Perceived Discrimination**



Women who feel judged based on their weight may also avoid gyms or fitness classes, which can impact their overall weight loss efforts.

Perceived discrimination, particularly weightrelated stigma, can exacerbate feelings of shame, leading to a cycle of emotional eating and reduced motivation for physical activity.



### **Pollutants**

Environmental pollutants, such as EDC's, endocrine-disrupting chemicals, have been linked to obesity.

These pollutants can interfere with hormonal balance and metabolism, increasing the risk of weight gain and making weight loss more difficult.

### **Plastics and BPA Risks**

Bisphenol A (BPA), a common chemical found in plastics, is one such environmental factor that can affect weight loss.



BPA is an endocrine disruptor that interferes with hormone function, including those that regulate appetite and fat storage, leading to weight gain and increased difficulty losing fat.

Please note this list is not exhaustive We hope, however, it provides some food for thought, because as you can see, food choice is just one of many reasons you could be struggling to lose weight.

See <u>www.prettypea.blog</u> for more info. on female nutrition, weight & hormone balance.

DISCLAIMER Please note that supplements are not intended to be used as substitute for a balanced diet and you should always consult your GP before taking supplements and/or changing your diet. If you are on medication it's important to discuss your supplements with your GP as some ingredients may potentially interact with medications. The information provided in this guide is for education purposes only. I am not a doctor and this is not meant to be taken as medical advice. The information provided in this guide is based on my own experience as well as my own interpretations of current research available at the time. The advice and information are meant for healthy adults only. Always consult your doctor to ensure a program is appropriate for your individual circumstances. If you have any health issues or pre-existing conditions you must consult your doctor prior to implementing the information provided in this guide. This product is for informational purposes only and the author does not accept any responsibility for any liabilities or damages, real or perceived, resulting from the use of this information. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language, in any form, without the permission and signature of the author.

