

## Thyroid Hormone Therapy

Symptoms of **hypothyroidism** (low levels of thyroid hormone) include fatigue, cold and heat intolerance, hypo-tension, fluid retention, dry skin and/or hair, constipation, headaches, low sexual desire, infertility, irregular menstrual periods, aching muscles and joints, depression, anxiety, slowed metabolism and decreased heart rate, memory impairment, enlarged tongue, deep voice, swollen neck, PMS, weight gain, hypoglycemia, and high cholesterol and triglycerides. **Yet, more than half of all people with thyroid disease are unaware of their condition.**

**T4 (thyroxine)** is an inactive form of thyroid hormone that is converted in the body to **T3 (triiodothyronine)**, the active form. Some hypothyroid patients remain symptomatic on T4 therapy and T3 may also be required for optimal thyroid replacement therapy. However, the only commercially available form of T3 is synthetic liothyronine sodium in an immediate release formulation which is rapidly absorbed and may potentially cause serious side effects including heart palpitations. Fortunately, we are able to provide our patients with T3 in a **slow release capsule** which lessens the side effects and is only taken once a day.

## How We Can Help

Our Pharmacists will work with you and your doctor to create an effective treatment. We prepare hormones in a variety of strengths and dosage forms including:

- Transdermal Gels & Creams
- Rapid Dissolve Tablets
- Sustained Release Capsules
- Troches
- Suppositories



The Morgan Family:  
Josh, Tarva,  
Caroline, & Grady



**SAVE \$10**

On any compounded prescription  
\*First time customers only

## A Family Approach

We are **family owned and operated** and treat every patient with the same care and compassion we would our loved ones.

Our goal is to make our patients feel welcomed the moment they walk in the door and know their health is in good hands.



**MORGAN**  
COMPOUNDING X PHARMACY

305 South Main Street,  
Alpharetta, GA 30009  
(770) 475-8903  
[morgancompounding.com](http://morgancompounding.com)

We make medicine personal.

## What are Bioidentical Hormones?

Bioidentical hormones are molecularly identical to hormones produced by the human body. They are chemically derived from plant tissues such as yams and are engineered to precisely match hormones naturally produced in the human body.

## How are synthetic hormones different?

Conventional (synthetic) hormones have been chemically altered, and are not identical in structure or activity to naturally occurring hormones they are intended to replace. They contain tiny molecular differences that can cause the body to recognize them as foreign substances which may lead to unwanted side effects.

## What is BHRT?

Bioidentical Hormone Replacement Therapy, or BHRT, is used to improve symptoms that are associated with perimenopause, menopause, and postmenopause in women and andropause in men. BHRT utilizes **natural hormones** like testosterone, estrogen and progesterone because they are easily metabolized, allowing your body to incorporate them without the negative side effects often associated with synthetic hormones.

The ideal process for achieving hormonal balance includes an assessment of hormone levels and a complete evaluation of symptoms. Estrogens, progesterone, and androgens are just the tip of the iceberg when it comes to achieving hormonal balance. Thyroid and adrenal function, as well as nutritional status, should be evaluated and treated when indicated.

## BHRT for Women

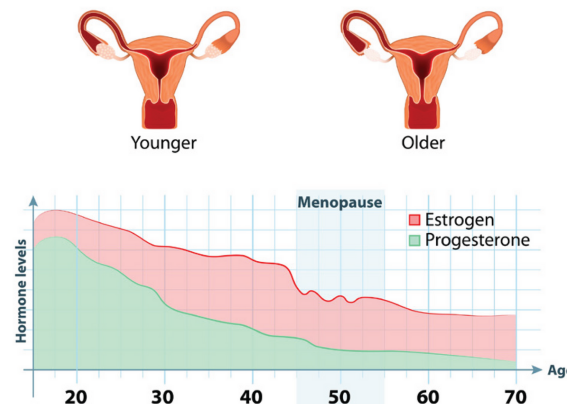
Hormone depletion can begin in a woman's body as early as her 30's and can be the culprit behind numerous ailments including: Irregular menstrual cycle, Pre-menstrual syndrome, Moodiness, Infertility, Fibrocystic breasts, Sleep Disturbances, Hot Flashes, Night Sweats, Decreased Libido, Painful Sexual Intercourse, Vaginal Dryness, and Post-partum depression.

## How Hormonal Imbalance Can Effect You

**Estrogen**, the most well-known hormone, plays a role in the functioning of the brain, bones and multiple organs. Loss of estrogen can put a woman at greater risk for ovarian failure, tooth loss, osteoporosis, and Parkinson's Diseases.

**Progesterone** is necessary to help make the uterine lining ready for implantation of a fertilized egg and maintaining it during pregnancy. It also plays a role in the brain function of mood enhancement and has an antidepressant effect. Adequate levels of progesterone can mean feelings of calm and well being while decreased levels can cause anxiety and irritability.

An imbalance in **Testosterone** is important in the functioning of the brain and musculoskeletal system. Low levels of Testosterone can lead to loss of muscle tone, lack in mental clarity, emotional problems, low libido, and weight gain.



## BHRT for Men

**As men age, men lose testosterone.** Studies have shown that men start to lose 1.3% testosterone per year as early as their 30's coming to the conclusion that men go through "menopause" per say dubbed Andropause. BHRT can help restore the normal hormonal balance giving men back their lust for life, improved memory, improved libido and build back muscle mass and tone.

## Loss of Testosterone

Loss of testosterone can cause a man to feel more and more **fatigued, have loss of sex drive, and unwanted weight gain** even with working out. It is also the leading cause in **Erectile Dysfunction**. While Testosterone is the most familiar hormone it is not the only one in the male body. Other hormones like the thyroid hormone, estradiol, cortisol, progesterone, and DHEA can be deficient which can cause joint stiffness, loss of memory, loss of skin elasticity and muscle tone, irritability and much more.

## Issues Compounded Medications Address

Erectile dysfunction, low libido, loss of zest for life, prostate and bladder health, aches and pains, fungal infections, such as athlete's foot or jock itch, hair loss, excessive sweating, chronic bad breath, and aging skin.

## Health issues addressed with Testosterone Supplementation

- Decreased Libido
- Impotence
- Osteoporosis
- Heart disease
- Decreased Muscle Mass
- Sleep disorders
- Depression
- Anxiety
- Decreased Strength & Stamina