

## HORMONE REPLACEMENT FOR MEN & WOMEN

As we age, hormone levels will decline. Hormone Replacement Therapy (HRT) is the replacement of hormones in menopausal women and andropausal men. You are very fortunate that you have found a clinician who believes that you deserve individualized healthcare and understands that **one size does not fit all**. You will receive hormone doses specifically for you, in a dosage form that fits your body and your lifestyle.

### WHAT ARE PELLETT IMPLANTS?

Hormone pellets are surgically implanted into the patient for HRT. The pellets are tiny cylinders that are inserted into a numbed area of subcutaneous fat, typically in the hip or the abdomen. This dosage form is very physiologic in that it closely mimics how your body releases hormones. The pellets can last 3-6 months, depending on the patient.

Pellets can be made using estradiol or testosterone. Dosing is determined by your physician based on lab results, medical history, and reported symptoms.



## TEAMING UP

The pellets your clinician has ordered for you were made for BioSana ID in a 503B Outsourcing Facility, this facility is regulated by the FDA and DEA and follows current Good Manufacturing Practices (cGMP).

Your clinician researched to find a company that will provide quality pellets and ensure the best possible therapy for you.

To learn more about pellet implants, contact your BioSana ID provider.

Cholesterol based pellets have been on the market in the US over 8 years. The addition of cholesterol seems to increase the porosity of the pellet thus resulting in more surface area which we believe results in slightly faster dissolution as compared to hormone pellets with stearic acid. We believe the greater porosity speeds the body's 'acceptance' of the foreign object and results in less insertion site abnormalities.

Stearic Acid is known to cause allergic reactions in patients Pellets manufactured without stearic acid may result in less local reactions & soreness at insertion site. Our pellets contain YAM sourced hormones (not soy).



## HORMONE PELLETT IMPLANTS *Estradiol & Testosterone*

brought to you by

**BioSanaID**  
INDIVIDUALLY DESIGNED WELLNESS



## SYMPTOMS OF MENOPAUSE

- Hot flashes
- Night sweats
- Insomnia
- Weight gain
- Headaches
- Low libido
- Fatigue / Loss of energy
- Decreased memory
- Mood swings
- Vaginal dryness
- Depression
- Anxiety

## SYMPTOMS OF ANDROPAUSE

- Fatigue
- Depression
- Osteoporosis
- Insomnia
- Decreased libido
- Decrease muscle mass
- Erectile dysfunction
- Decrease memory
- Irritability
- Heart disease
- Prostate problems
- Decreased cognitive function



Pellet therapy provides a bio-identical hormone that is not metabolized into by-products by going through the liver, stomach, or skin. This delivery system allows your body to use the right amount of hormone from the pellet as the blood flow surrounding the pellets picks up what is needed.

## HOW ARE PELLETS MADE?

Our Select Outsourcing (OSO) pellets are made under FDA oversight following cGMP procedures with equipment that allows for consistent potency, hardness and sterility. Digital depth measurement and pneumatic pressure are utilized to guarantee pellet uniformity. Both pellet weight and hardness criteria are tested throughout the manufacturing process.

Next, the pellets are packaged in glass vials designed to maintain sterility and prevent breakage during shipping. Each vial is safety sealed so office staff can easily determine if a vial has been opened and sterility compromised.

The pellets from OSO have been sterilized using e-beam radiation. We believe this is the most effective and reliable way to achieve sterilization.

The last step in the process is third-party testing. Each lot of hormone pellets is tested for sterility, potency and presence of endotoxins. Each lot is also tested for potency and presence of endotoxins. This ensures that each pellet implanted is the dose your practitioner recommends for you.

## THE IMPORTANCE OF TESTING IN MAKING PELLETS

The processes used to make OSO's pellets are designed to ensure that you receive pellets of the highest quality. Choosing quality materials and testing for potency and sterility is important in guaranteeing the success and health of the patient in pellet therapy.

