BIOTHYRO capsules can nutritionally assist your patients in normalizing their metabolism. In addition to checking their thyroid hormone levels with a blood test, you may have them take their axillary (arm pit) temperatures (normal 97.8 – 98.2 degrees fahrenheit) in the morning when they awaken (but before they get out of bed) for 10 days or their oral temperatures three times per day for three days (normal 98.3 – 98.9 degrees fahrenheit). Either way, as you know, these temperatures are important in determining whether their metabolism is within a normal range. Many practitioners find that today’s thyroid blood testing is not accurate enough to pick up all cases of hypothyroidism (low thyroid). Because of this, another category of hypothyroid patient, called a sub-clinical hypothyroid patient, has been described. These patients have normal blood test results but have low metabolic rates as evidenced by their below normal temperatures. They also have classic hypothyroid symptoms, but typically are not diagnosed due to their ‘normal’ blood test results. Nutritional intervention is what BioThyro is all about.

BioThyro uses state-of-the-art nutrients designed to support optimal thyroid function and efficient peripheral T4 (thyroxin) to T3 (triiodothyronine) conversion. In other words, BioThyro helps support thyroid function at its best and improves the body’s utilization of thyroid hormones.

IODINE is the most important mineral for the thyroid gland. Iodine, along with tyrosine is used to actually manufacture thyroid hormones. In BioThyro, we

BIOTHERO NUTRIENT AND GLANDULAR SUPPORT FOR PROPER THYROID FUNCTION

- Low body temperature (oral or axillary), low basal metabolism
- Cold extremities
- Fatigue
- Slow intestinal transit
- Dry skin
- Menstrual irregularities
- Essential nutrients for proper thyroid function
- Supports a healthy menstrual cycle

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use a type of kelp (*Fucus vesiculosus*) to supply the organic protein bound iodine to support thyroid function.

**GLANDULARS** such as hypothalamus, anterior pituitary, and thyroid (thyroxin-free) are freeze-dried, hormone-free, and derived from range-grazed bovine from New Zealand. These clean glands provide many trace factors, co-enzymes, fatty acids, amino acids, proteins, etc. that cannot be overlooked. Here BioThyro provides you with the target glands that regulate the thyroid gland’s function. They are provided to enhance the hypothalamus to balance its thyroid releasing hormone (TRH) output, to balance the pituitary’s thyroid-stimulating-hormone (TSH) output, and the thyroid’s thyroxin (T4) and triiodothyronine (T3) hormone output. The importance of glandular support is not overlooked in BioThyro.

**N-ACETYL L-TYROSINE** is a special form of the amino acid L-tyrosine. This acetylated form is rapidly absorbed and highly bioavailable by the body’s tissues. Tyrosine is involved in thyroid hormone production with its cofactor iodine. It is also involved in adrenal hormone production, neurotransmitter production in the brain, and the skin’s tanning compound melanin. In BioThyro, our emphasis is on enhancing optimal thyroid hormone production.

**COPPER, ZINC, MANGANESE, AND SELENIUM** are trace minerals involved as cofactors in enzymatic conversion of T4 “thyroxin” (the weaker thyroid hormone) to T3 “triiodothyronine” (the stronger thyroid hormone). The enzyme needed for this conversion is deiodinase and its activity is dependent on good trace mineral status. Without proper conversion of thyroid hormones, the body’s cells would run at a lower than normal metabolic rate (burn fuel “calories” slower).