

Recent Developments in the Treatment of Hypothyroidism

Please read this report carefully if you are presently taking **Levothyroxine Sodium** (Synthroid / Eltroxin / Thyronorm) in order to maintain a reasonable value of TSH in your thyroid blood report.

Recent improvements in formulations at numerous Compounding Pharmacies worldwide have made available a more potent formulations for the treatment of Hypothyroidism and this advanced formulations is now being offered by our Compounding Pharmacy for not only lowering TSH (Thyroid Stimulating Hormone) levels, but simultaneously increasing both T4 and the more potent T3 levels

Levothyroxine Sodium (Eltroxin / Thyronorm / Synthroid) is basically the T4 Hormone which helps to suppress TSH levels. The goal is to keep the TSH below 5.5 $\mu\text{IU/mL}$ as per the older standards being followed by numerous pathology labs. worldwide As per international standard of preventive medicine, now being followed for more than a decade, the norm is to maintain it below 2.0 $\mu\text{IU/mL}$. Above this level, numerous symptoms of Hypothyroidism become more pronounced and the quality of life deteriorates badly. Optimum levels of TSH being followed at our health center is 0.5 $\mu\text{IU/mL}$.

The human body converts T4 to its more active form T3 in the presence of numerous other nutrients, some of which are an organic form of iodine and selenium. Sufficient levels of T3 alone help in weight loss and reduction of body fat. There is no guarantee that the body will be able to successfully convert T4 to T3 on its own, as many other factors affect this conversion. This inability of the body to reliably convert T4 to T3 has traditionally been the primary cause of no relief being experienced by Hypothyroid patients during the past few decades. Their body weight continues to gradually increase along with increased doses of T4 hormone. This has been the normal prognosis of Hypothyroid patients.

Till quite recently, the pharmaceutical companies did not know how to produce T3 hormone and ship it out in tablet form.

Due to recent developments at our Compounding Pharmacy, we are now able to ship out special formulations for Hypothyroid patients containing both naturally occurring T3 and T4 which are synergistically formulated with other supporting Orthomolecular Nutrients like an organic form of iodine, selenium and amino acid tyrosine. These nutrients are specially designed to penetrate intracellular space (inside the cell wall) and help in the efficient conversion of T4 to its more active form T3.

We have observed that such formulations are effective in significantly lowering your present dose of Eltroxin / Thyronorm / Synthroid medication and help to greatly improving your Thyroid blood test results while simultaneously giving better relief at weight loss and body fat reduction.

A special protocol has been developed which we have successfully implemented at our Health Center in Mumbai during the past few years. These formulations besides improving blood hormone levels, have helped to substantially brought down the cost of treatment for Hypothyroidism.

There is more information on Hypothyroidism including some case studies on our website at:

<http://www.space-age.com/hypothyroidism.html>

Please go through our sample protocol, and if you should like to discuss this further, please do get in touch with me and we will take the next step to get you quickly started.

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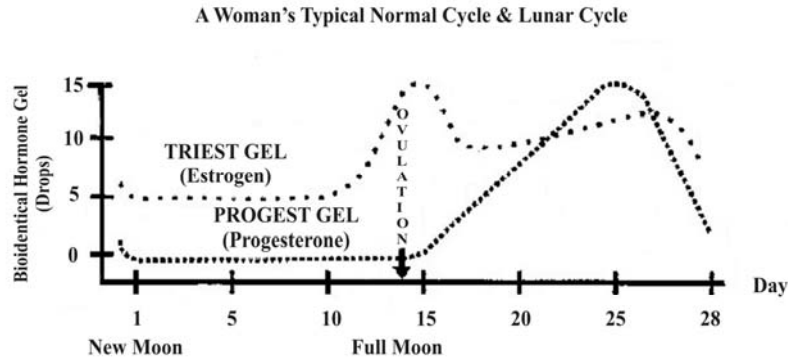
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Estrogen Dominance & Thyroid Function

Estrogen causes food calories to be stored as fat. Thyroid Hormone causes fat calories to be turned into usable energy. Thyroid Hormone and Estrogen therefore have opposing actions.

Estrogen dominance inhibits Thyroid action and lowers the rate of metabolism of the Body. Natural Progesterone inhibits Estrogen action.

The symptoms of Hypothyroidism may occur because of Estrogen Dominance (deficiency of Progesterone). Hypothyroidism, which results in weight gain and a host of other symptoms, can be reduced by the presence of Natural / Bio-identical Progesterone in the body.



Progesterone is naturally produced in the female body only after ovulation and continues till the onset of the periods, when the levels once again drops off to zero. Females suffering from PCOD / PCOS (Polycystic Ovaries) normally have very little or no progesterone being naturally produced in their body and most probably end up with Estrogen Dominance and consequently Hypothyroidism / weight gain.

Many other presumed Thyroid dysfunctions (like falling hair, water retention, loss of memory, confused thinking, depression, dry skin) and Autoimmune Disorders are actually caused by Estrogen Dominance.

The crucial nutrients for Thyroid Hormone synthesis in the body are organic iodine, organic selenium and an amino acid tyrosine. The topical use of a bioidentical progesterone gel can help alleviate the symptoms of estrogen dominance, especially in perimenopausal and menopausal women.

Success in effective weight release can occur once **Hormonal Imbalance** in the body is corrected and proper **Detoxification** and **Rejuvenation** of the body is done to increase the Rate of Metabolism and the natural synthesis of hormones.

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