



TESTOSTERONE REPLACEMENT THERAPY

Enclomiphene is a nonsteroidal selective estrogen receptor modulator (SERM) and acts by increasing the testicular production of total and free testosterone while stimulating FSH and LH. It optimizes endogenous testosterone production pathways and restores normal testosterone levels in men and maintains fertility. It is an oral medication and is a practical option for those wishing to avoid injections while improving testosterone levels. It is equally an excellent option for post-cycle therapy when deciding to stop exogenous testosterone for a time.

Enclomiphene is similar to another SERM Clomiphene. Clomiphene (Clomid) exists as a mixture of both the cis-isomer (zuclomiphene) and the trans-isomer (enclomiphene). Studies demonstrated that enclomiphene maintains the androgenic benefit of clomiphene citrate without the undesirable effects attributable to zuclomiphene.

Nandrolone (*Deca-Durabolin*) is a synthetic anabolic steroid that is beneficial in the treatment of male health alone, or as an adjunct to TRT for men. Containing a chemical structure similar to testosterone, nandrolone has a higher myotrophic (muscle building): androgenic (male characteristics) ratio resulting in improved effects on muscle mass. Nandrolone has a relatively long half-life in the plasma and a strong binding affinity for androgen receptors. Effects from Nandrolone alone, or in conjunction with other anabolic steroids include pronounced muscle gain as well as significant increases in strength.



Oxandrolone (*Anavar*) is a synthetic anabolic steroid that comes in an oral form. It is best known for building muscle, improving endurance, and making muscles more defined. It is believed to be the most harmless synthetic anabolic steroid with regards to unwanted side effects or negative reactions. It is extremely popular in athletes, as it is considered one of the best anabolic steroids used during the cutting phase and to accelerate intensive weight loss. Oxandrolone has a half-life of 8 to 10 hours so the daily dosage should be split between two doses. In general, it has a number of incomparable advantages against other steroid analogs.

Testosterone Cypionate: Testosterone cypionate is a pharmaceutical form of testosterone used for optimizing low testosterone. In the context of restoring testosterone levels to a healthy range, testosterone cypionate is a highly beneficial form of hormone replacement therapy and well-tolerated by most patients. It is a relatively long-acting form of testosterone and doses should last 7-8 days. It is used as a single intramuscular dose weekly or can be used twice weekly in a subcutaneous dosing method. Multiple smaller doses during the weekly administration have been shown to have steadier states of serum testosterone. In addition, multiple doses over the week may lower estrogen production as well as other unwanted side effects from TRT.

Testosterone Propionate: Testosterone propionate is a pharmaceutical form of testosterone used for optimizing low testosterone. In addition, it can be added to other forms of testosterone to focus on weaker body parts to enhance muscle growth as well as physique symmetry. It is a short-acting form of testosterone and doses should last 2-3 days. Because of its shorter half-life, it is often given in two to three doses weekly. Compared to other anabolic steroids, testosterone propionate is able to normalize androgen receptors to increase the androgenic effect of the drug. Testosterone Propionate injections can be painful for many users and should be noted before its consideration.

