Android® C-III
methyITESTOSTERone Capsules USP, 10 mg
℞ Only

DESCRIPTION

The androgens are used primarily to develop and maintain male sexual characteristics.

Testosterone is one of the principal naturally occurring androgenic hormones. Biologically active C-17 and with two angular methyl groups, an isopropyl group at C-17 and a double bond between C-4 and C-5. It has been reported to stimulate the production of erythropoietic-stimulating factor.

Methyltestosterone is a synthetic derivative of testosterone, is an androgenic and anabolic steroid. Each capsule contains 10 mg capsule form. Each capsule contains the following structural formula:

$C_{20}H_{32}O_2$ M.W. 302.46

17-hydroxy-17-methylandrost-4-en-3-one

Methyltestosterone is a white to creamy white crystalline powder, practically insoluble in water.

Each capsule, for oral administration, contains: Active: methyltestosterone 10 mg. In addition, each capsule contains the following inactive ingredients: colloidal silicon dioxide NF, FD&C Blue #1, FD&C Red #3.

CLINICAL PHARMACOLOGY

In the normal growth and development of the normal growth and development of the male, androgens are responsible for the secretary sex characteristics. These effects include the growth and maturation of the prostate and seminal vesicles, penis and scrotum; the development of male hair distribution, such as beard, pubic, chest and axillary hair; laryngeal enlargement, vocal chord deepening, and the growth of skeletal muscle. In addition, androgens are responsible for the growth and maturation of the prostate and seminal vesicles, and for the development of secondary sex characteristics, such as increased muscle growth and body hair distribution. Drugs in this class also cause increased sodium, potassium, and water retention; increased urinary excretion of calcium, phosphorus, and decreased urinary excretion of nitrogen. Androgens are also responsible for the growth and maturation of linear growth which is brought about by their effect on the epiphyseal growth centers. In children, exogenous androgens accelerate linear growth rate, but may ultimately limit final height because of premature closure of the epiphyseal growth centers. Androgens have been reported to stimulate the production of erythropoietic-stimulating factor. Androgens, endogenous testosterone in particular, are responsible for the growth and maintenance of male sexual function. It is well established that androgens are effective in treatment of male hypogonadism, impotence and functional uterine bleeding.

Pharmacokinetics

Testosterone given orally is metabolized by the liver and has a relatively short half-life. Most of the test pass. Oral doses as high as 400 mg daily have been reported to maintain normal androgenic activity. Testosterone is poorly absorbed from the GI tract and is poorly absorbed from the GI tract and is poorly absorbed from the GI tract and