

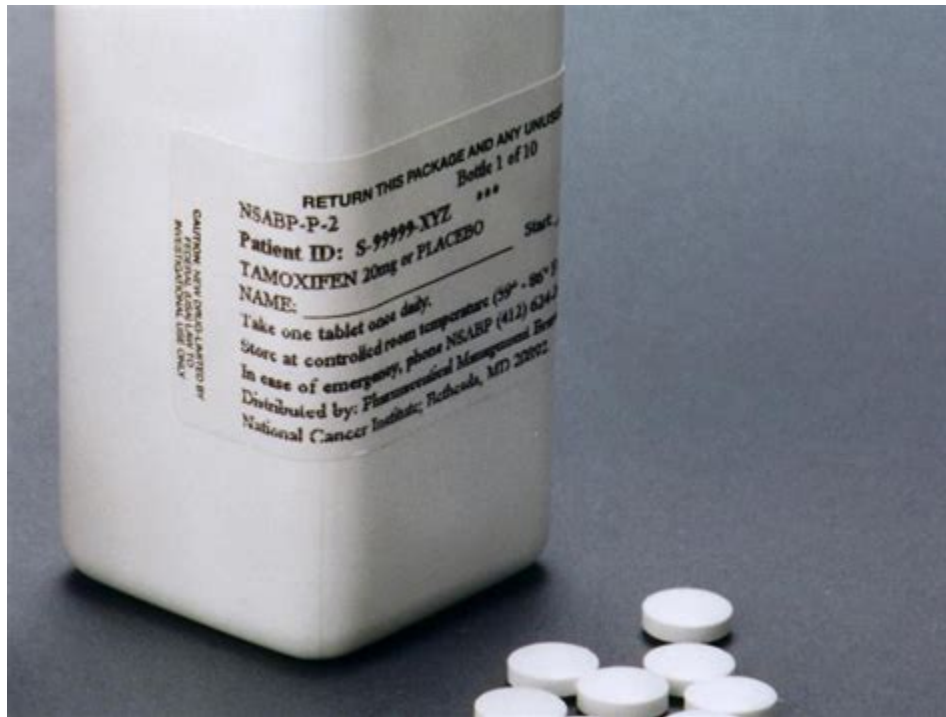


Hot flashes, nausea, leg cramps, muscle aches, hair thinning, headache, and numb/tingling skin may occur. A loss of sexual ability/interest may occur in men. If these effects last or get worse,.



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Tamoxifen in men: a review of adverse events - Wibowo - 2016 .



Serious side effects of Nolvadex Along with its needed effects, tamoxifen (the active ingredient contained in Nolvadex) may cause some unwanted effects. Although not all of these side effects may occur, if they do occur they may need medical attention.

Nolvadex Side Effects: Common, Severe, Long Term - Drugs



Tamoxifen side effects may include: Menopause-like symptoms, including hot flashes, night sweats and vaginal dryness. Weight gain (more common) or fluid retention (edema). Irregular or loss of menstrual periods. Leg swelling.

Harm Reduction in Male Patients Actively Using Anabolic Androgenic .

**Harm Reduction in Male Patients
Actively Using Anabolic Androgenic
Steroids (AAS) and Performance-
Enhancing Drugs (PEDs): a Review**

**Alexis Bonnecaze, Thomas O'Connor,
Cynthia Burns**

OAmg

Overview Hormone therapy for breast cancer is a treatment for breast cancers that are sensitive to hormones. Some forms of hormone therapy for breast cancer work by blocking hormones from attaching to receptors on cancer cells. Other forms work by decreasing the body's production of hormones.

Tamoxifen: Uses, Side Effects & Risks - Cleveland Clinic



Such effects are so rare, only about 5% of women will experience nausea, only about 2% of men, and only 1% of women will experience abdominal cramping with even less men falling prey. As for hot flashes, this is one of the few Nolvadex side effects that can be a problem for numerous women, as more than 50% often fall prey; however, its .

Hormone therapy for breast cancer - Mayo Clinic



Metabolism of estrogens in men. Aromatase, also known as estrogen synthetase, is the key enzyme in estrogen biosynthesis. The enzyme, localized in the endoplasmic reticulum of the estrogen-producing

cell, is encoded by the CYP19A1 gene. This gene is a member of the CYP gene family, encoding a class of enzymes active in the hydroxylation of endogenous and exogenous substances.

Overview of Men Taking Clomiphene and Nolvadex



high blood calcium --confusion, tiredness, nausea, vomiting, loss of appetite, constipation, increased thirst or urination, weight loss. mood changes. This is not a complete list of side effects .

Hormone Therapy for Breast Cancer in Men



This SERM has been shown to have some effectiveness against gynecomastia. But, it does have side effects and should be used for 3-6 months. Possible side effects for men taking Tamoxifen include headaches, nausea, hot flashes, skin rash, fatigue, sexual dysfunction, and weight and mood changes.

Tamoxifen Causes Significant Side Effects in Male Breast Cancer .



Common consequences of AAS/PED use include dyslipidemia, hypertension, left ventricular hypertrophy (LVH), arrhythmia, atherosclerosis, polycythemia and thrombosis, infertility, endocrine dysfunction, tendon rupture, and sexual dysfunction. 6, 14 - 18 Those attempting to discontinue AAS use often experience AAS withdrawal syndrome, a state of de.

Aromatase inhibitors in men: effects and therapeutic options

de Ronde and de Jong *Reproductive Biology and Endocrinology* 2011, **9**:93
<http://www.rbej.com/content/9/1/93>



REVIEW

Open Access

Aromatase inhibitors in men: effects and therapeutic options

Willem de Ronde¹ and Frank H de Jong^{2*}

Abstract

Aromatase inhibitors effectively delay epiphyseal maturation in boys and improve testosterone levels in adult men. Therefore, aromatase inhibitors may be used to increase adult height in boys with gonadotropin-independent precocious puberty, idiopathic short stature and constitutional delay of puberty. Long-term efficacy and safety of the use of aromatase inhibitors has not yet been established in males, however, and their routine use is therefore not yet recommended.

Background

Over the past 15 years it has become evident that in men estradiol is responsible for a number of effects originally attributed to testosterone. Estradiol has an important role in gaining and maintaining bone mass, closing of the epiphyses and the feedback on gonadotropin secretion. This fact became particularly evident in men with aromatase deficiency. Aromatase is the enzyme responsible for conversion of androgens to estrogens. Men with estrogen deficiency caused by a mutation in the CYP19 gene suffer from low bone mineral density (BMD) and unfused epiphyses, and have high gonadotropin and testosterone levels [1]. Estrogen excess in turn has been associated with premature closure of the epiphyses, gynecomastia and low gonadotropin and testosterone levels. Lowering estrogen levels in men has emerged, consequently, as a potential treatment for a number of disorders including pubertas praecox, the andropause (also referred to as late-onset hypogonadism) and gynecomastia. Aromatase inhibitors were proven to be safe, convenient and effective for the treatment of hormone sensitive breast cancer in women although their use is associated with a modest increase in bone resorption [2,3]. This review will discuss the potential targets and the evidence for the use of aromatase inhibitors in men and adds more recent data to the text of an earlier review on this subject [4].

Metabolism of estrogens in men

Aromatase, also known as estrogen synthetase, is the key enzyme in estrogen biosynthesis. The enzyme, localized in the endoplasmic reticulum of the estrogen-producing cell, is encoded by the *CYP19A1* gene. This gene is a member of the *CYP* gene family, encoding a class of enzymes active in the hydroxylation of endogenous and exogenous substances. The *CYP19A1* gene is localized on chromosome 15 and comprises nine exons; the start codon for translation is located on exon 2. Transcription of the aromatase gene is regulated by several tissue-specific promoters. These promoters are under the influence of different hormones and growth factors such as gonadotropins (gonadal promoter II) and interleukin-6, interleukin-11 and tumor necrosis factor- α (adipose/bone promoter I.4; for review see [5]). Aromatase activity has not only been demonstrated in gonads and placenta but also in brain [6], fat tissue [7,8], muscle [9], hair [10], bone [11] and vascular tissue [12].

Estradiol is the most potent estrogen produced in the body. It is synthesized from testosterone or estrone via aromatase or 17 β -hydroxysteroid dehydrogenase, respectively. The total estradiol production rate in the human male has been estimated to be 35-45 μ g (0.130-0.165 μ mol) per day, of which approximately 20% is directly produced by the testes [13,14]. Roughly 60% of circulating estradiol is derived from direct testicular secretion or from conversion of testicular androgens. The remaining fraction is derived from peripheral conversion of adrenal androgens [15]. The mean estradiol plasma concentration in men is only about 1/200 of the mean plasma testosterone concentration [16] and is

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Long-term studies that rigorously document the side-effect profile of tamoxifen in men are lacking. adverse events; antiandrogen; breast cancer; gynecomastia; infertility; males; prostate cancer; tamoxifen. © 2016 American Society of Andrology and European Academy of Andrology. Antineoplastic Agents, Hormonal / adverse effects*

Nolvadex Side Effects - steroid



5 min read | 30 Oct 2020 After a cycle of anabolic steroids, your body requires post cycle therapy (PCT). This will help to counteract all the negative effects of the drugs and to fight rising estrogen levels. Without a PCT, not only will you experience liver toxicity, but you'll lose all of your gains and only have low Testosterone to show for it.

Nolvadex (Tamoxifen Citrate): Uses, Dosage, Side Effects . - RxList



Side effects for men with breast cancer taking Tamoxifen include headaches, nausea, hot flashes, skin rash, fatigue, sexual dysfunction, and weight and mood changes.

5 Surprising Nolvadex Side Effects You'll Want to Avoid



The recommended dosage of Nolvadex for men is approximately 20-40mg per day for six weeks. Some possible side effects of Nolvadex may include hot flashes, nausea, vomiting, and vaginal discharge (in women). Common side effects include headaches, hot flashes, and mood changes, and more serious side effects can include blood clots and liver damage.

Side effects of hormone therapy | Prostate Cancer UK

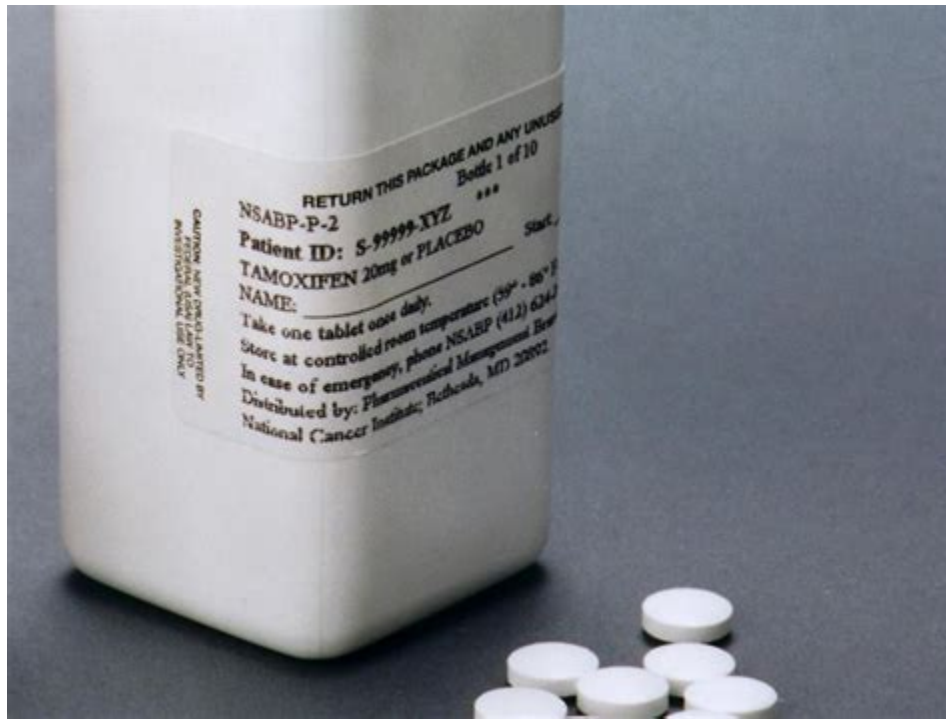
Hormone Replacement Therapy and Menopause

Benefits	Risks
<p>Relieves symptoms like:</p> <ul style="list-style-type: none">Hot flashesMood swingsVaginal drynessDifficulty concentrating	<p>Can increase the risk of:</p> <ul style="list-style-type: none">Strokes and blood clotsBreast cancerEndometrial cancerGallstones

An infographic titled 'Hormone Replacement Therapy and Menopause'. It is divided into two columns: 'Benefits' and 'Risks'. The 'Benefits' column lists: 'Relieves symptoms like: Hot flashes, Mood swings, Vaginal dryness, Difficulty concentrating'. The 'Risks' column lists: 'Can increase the risk of: Strokes and blood clots, Breast cancer, Endometrial cancer, Gallstones'. The background of the infographic features images of women, one applying cream to her face and another holding her head in pain.

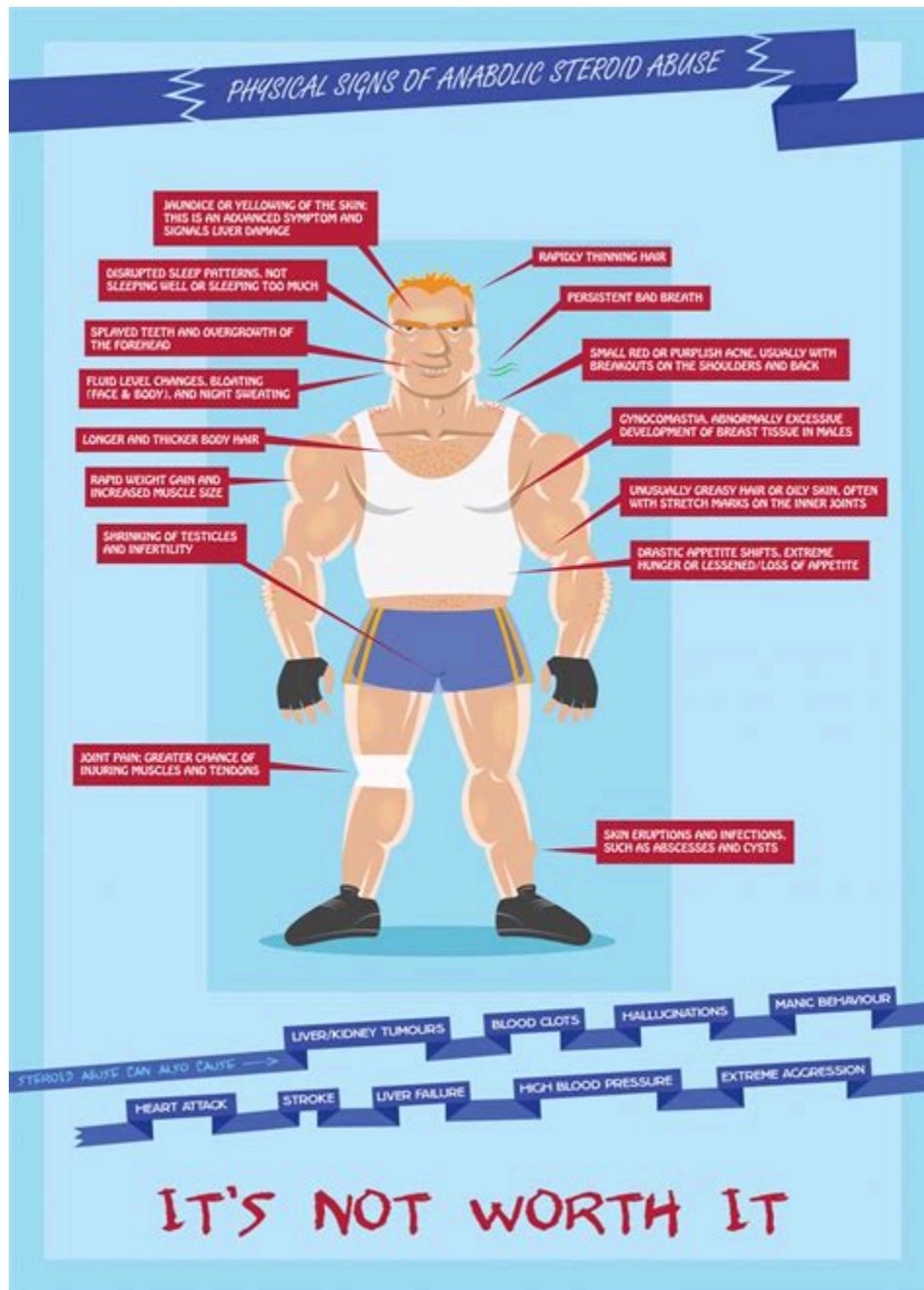
The most common side effects of tamoxifen and toremifene are: Hot flashes; Sexual problems; Fatigue; Some men with cancer spread to the bones may have a tumor flare with pain and swelling in the muscles and bones. This usually goes away quickly, but rarely a man may also develop a high calcium level in the blood that is hard to control.

Tamoxifen in men: a review of adverse events - PubMed



loss of sexual ability/interest (in men). Tell your doctor if you have unlikely but serious side effects of Nolvadex including: vision changes (e. g. , blurred vision), eye pain, easy bruising or bleeding, mental/mood changes, swelling of ankles or feet, or unusual tiredness. Dosage for Nolvadex

Anabolic androgenic steroid abuse in young males - PMC



About half of male breast cancer patients who take the drug tamoxifen to prevent their disease from returning report side effects such as weight gain and sexual dysfunction, which prompts more than 20 percent of them to discontinue treatment, according to researchers at The University of Texas MD Anderson Cancer Center.


Tamoxifen Side Effects: Common, Severe, Long Term - Drugs

THE TRUTH ABOUT

TAMOXIFEN

PART 1

Tamoxifen is the most prescribed drug in the world for people with hormone receptor positive breast cancer, purportedly for the ability of this drug to stave off recurrences of breast cancer. Yet tamoxifen has been implicated in many potentially serious side effects--including cancer in the opposite breast.



What IS and what DOES Tamoxifen?

Tamoxifen is classified as a SERM (selective estrogen receptor modulator), meaning that it can either block or activate the action of estrogen, depending upon the location of the estrogen receptors in the body. The mechanism of action of tamoxifen is to block estrogen at the receptor sites in cells, thus competing with the body's own estrogen. Tamoxifen is the drug of choice being offered to women with ER+ breast cancer who have not yet been through menopause.

SIDE EFFECTS

The list of side effects (some of them life-threatening) associated with taking tamoxifen is lengthy. True, not everyone suffers from side effects, but for those who have tried the drug and do suffer from side effects, it can be so life-altering and impactful to their quality-of-life -- they feel they are losing their minds.

- Depressed moods *
- Fatigue *
- Fluid retention *
- Headache *
- Heart palpitations *
- Hot flashes *
- Anxiety **
- Strokes **
- Blood clots in legs or lungs **
- Liver toxicity and fatty liver **
- Cancer of the uterus or endometrium **
- Painful or difficult urination **
- Vaginal bleeding ***
- Blurred vision or other eye problems ***
- Confusion ***

These are just a few of a LONG list of side effects

*common **less frequent ***rare

Read the full article here:
www.thetruthaboutcancer.com/truth-about-tamoxifen-part-1

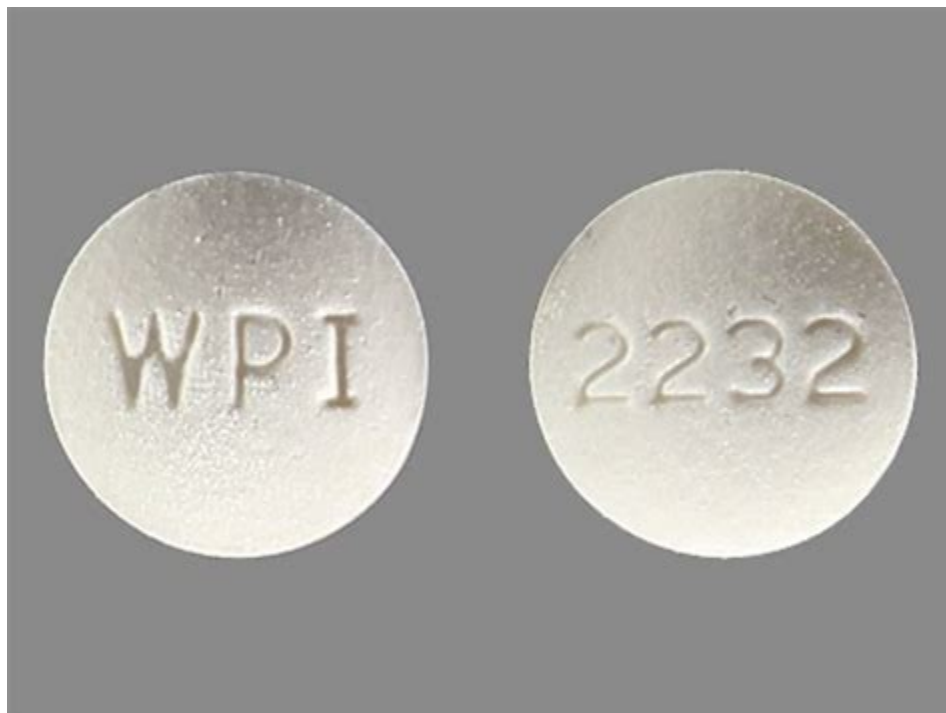
What are the possible side effects of NOLVADEX? The most common side effect of NOLVADEX is hot flashes. This is not a sign of a serious problem. The next most common side effect is vaginal discharge. If the discharge is bloody, it could be a sign of a serious problem. [See "Changes in the lining (endometrium) or body of your uterus" below.]

Nolvadex Oral: Uses, Side Effects, Interactions, Pictures . - WebMD



Age-Related Testosterone Decrease Testosterone typically decreases in the body as men get older, referred to as late-onset hypogonadism . Though the exact prevalence is not certain, researchers believe up to 25% of men may experience a decrease in testosterone as they age. Symptoms of Estrogen and Testosterone Imbalance

Nolvadex - Side Effects, Interactions, Uses, Dosage, Warnings



There are treatments and support to help manage side effects. And some men find that their side effects get better or become easier to deal with over time. . Wassersug RJ. Tamoxifen in men: a review of

adverse events. *Andrology*. 2016;4(5):776-88. Wilkins A, Shahidi M, Parker C, Gunapala R, Thomas K, Huddart R, et al. Diethylstilbestrol in .

NOLVADEX(Tamoxifen Citrate)TABLETS - DailyMed



To date, tamoxifen has been used as an off-label treatment in men for breast cancer, infertility, idiopathic gynecomastia, and more recently, for iatrogenic gynecomastia because of the use of non-steroidal antiandrogens in the treatment of prostate cancer patients (Hedlund, 2000; Kunath et al . , 2012; Blondon & Righini, 2016).

Tamoxifen for Gynecomastia | Medication for Gynecomastia



Tamoxifen Side Effects Print Save Tamoxifen Side Effects Medically reviewed by Leigh Ann Anderson,

PharmD. Last updated on Apr 29, 2022. Warnings Common Mild Serious Other FAQs Tamoxifen is a prescription medicine that is used to treat breast cancer in men and women.

Estrogen Blockers for Men: Everything You Need to Know - Verywell Health



Abstract. This review summarizes 10 years experience with male abusers of anabolic androgenic steroids (AAS). The typical user of AAS is male, aged between 20 and 40 and lifting weights. Illegal AAS are cheap and easily obtained via internet or local suppliers. AAS are mostly used in cycles with a duration between 6 and 18 weeks.

Nolvadex: Indications, Side Effects, Warnings - Drugs



Last updated on Oct 21, 2023. Uses Before taking Warnings Dosage Side effects Overdose FAQ The

Nolvadex brand name has been discontinued in the U. S. If generic versions of this product have been approved by the FDA, there may be generic equivalents available. Warning

- <https://groups.google.com/g/62hunk39/c/Opm2CEMkIto>
- <https://groups.google.com/g/28powerlifting92/c/JwV2pZRSnSs>
- <https://blog.libero.it/wp/delarocashea/wp-content/uploads/sites/87575/2023/11/Anavar-Oxandrolone-Where-To-Buy.pdf>