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## AA-AA

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www.afgazad.com afgazad@gmail.com European Languages زبانهای اروپائی

BY MARTHA ROSENBERG 08.02.2021

## Trump Was On Controversial Baldness Drug

In 2018, President Trump's doctor\_disclosed\_that the president takes finasteride, a drug marketed as Propecia to treat male pattern baldness. While it is tempting to make jokes about Trump's hair and even the sexual side effects that accompany the drug, it also has many disturbing adverse effects and probably no other men should risk taking the hair drug.

In the 23 years since Propecia was approved to treat hair loss from male pattern baldness, side effects have been so concerning, the term post-finasteride syndrome (PFS) has been coined and hundreds of lawsuits <a href="https://have.been.brought">have been brought</a>. In addition to its sexual side effects, the drug is linked to serious conditions and has *effects cognition and mental states*.

A 2013 study in <u>Journal of Sexual Medicine</u> noted "changes related to the urogenital system in terms of semen quality and decreased ejaculate volume, reduction in penis size, penile curvature or reduced sensation, fewer spontaneous erections, decreased testicular size, testicular pain, and prostatitis." Many subjects also noted a "disconnection between the mental and physical aspects of sexual function," and *changes in mental abilities, sleeping patterns, and/or depressive symptoms*.

A 2014 study in the <u>Journal of Steroid Biochemistry and Molecular Biology</u> finds that "altered levels of neuroactive steroids, associated with depression symptoms, are present in androgenic alopecia patients even after discontinuation of the finasteride treatment."

In 2010 <u>depression</u> was added to labels as a side effect and patients were warned that finasteride could have an <u>effect on prostate-specific</u> antigen (PSA) tests. <u>In 2011</u>, the label conceded that sexual dysfunction <u>could continue</u> "after stopping the medication" and that finasteride could pose a "risk of high-grade prostate cancer." In 2012, a warning was added that "<u>other urological conditions"</u> should be considered before taking finasteride. Soon, "male breast cancer" was added under "postmarketing experience." Then the side effect of <u>angioedema</u> was added.

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There are many Propecia horror stories on <u>sites founded</u> to help people with side effects and those involved in litigation. In 2011, a mother told <u>CBS news</u> she blamed her 22-year-old son's suicide on Propecia and <u>Men's Journal</u> ran a report called "The (Not So Hard) Truth About Hair Loss Drugs."

### Sexual Side Effects But A Full Head Of Hair

Finasteride inhibits a steroid responsible for converting testosterone into  $5\alpha$ -dihydrotestosterone (DHT) the hormone that tells hair follicles on the scalp to stop producing hair. Years before Propecia was approved to grow hair, finasteride was being used in drugs like Proscar, Avodart and Jalyn to treat an enlarged prostate gland (benign prostatic hyperplasia). Like Viagra, which began as a blood pressure med, or the eyelash-growing drug Latisse, which began as a glaucoma drug, finasteride's hair restoration abilities were a fortuitous side effect.

Since Propecia was approved, its label has warned about sexual side effects but termed them temporary. "A <u>small number of men</u> experienced certain sexual side effects, such as less desire for sex, difficulty in achieving an erection, or a decrease in the amount of semen," said the label in 2014. "Each of these side effects occurred in less than 2% of men and went away in men who stopped taking Propecia because of them." (The label also warned about gynecomastia, the enlargement of male breast tissue.)

But increasingly, users and some doctors are saying the symptoms sometimes do not go away when men stop taking Propecia and that their lives can be changed permanently. They report impotence, lack of sexual desire, <u>depression and suicidal</u> thoughts and even a reduction in the <u>size of penises or testicles</u> after using the drug, which does not go away after discontinuation. While the latter could ignite Trump jokes, the former could put men worldwide at risk.

According to surgeon Andrew Rynne, former head of the Irish Family Planning Association, Merck, which makes Propecia and Proscar, the disturbing sexual symptoms do not always vanish. "They know it is not true because I and hundreds of other doctors and thousands of patients have told them that these side effects do not always go away when you stop taking Propecia. We continue to be ignored, of course."

In some cases, says Rynne, men who have used finasteride for even a few months "have unwittingly condemned themselves to a lifetime of sexual anhedonia" [condition in which an individual feels no sexual pleasure], the most horrible and cruel of all sexual dysfunctions."

"I have spoken to several young men in my clinic in Kildare who continue to suffer from sexual anaesthesia and for whom all sexual pleasure and feelings have been obliterated for all time. I have felt their suffering and shared their devastation," he wrote on a Propecia help site.

Propecia was not just sold only in the U.S. <u>Overseas ads</u> compared twins who did and did not use the product. In the U.K., the drugstore chain Boots aggressively marketed Propecia at its 300 stores <u>and still does</u>. One estimate says Propecia was marketed in 120 <u>countries</u>.

Early ads likened men's thinning scalps to crop circles. <u>crop circles</u>. Later, ads likened saving scalp hair to saving the whales and won awards. Many Propecia ads tried to take away the stigma of hair loss and its treatment. "You'd be surprised who's treated their hair loss," <u>said one print ad depicting athletic</u>, 20-something men. In 1999 alone, Merck spent <u>\$100 million marketing Propecia directly to consumers</u>, when direct-to-consumer advertising was just beginning on TV.

Sarah Temori, who launched a petition to have finasteride taken off the market on Change.org, agrees. "Many who have taken Propecia have lost their marriages, jobs and some have committed suicide due to the damage this drug has done to their bodies," she writes. "One of my loved ones is a victim of this drug. It's painful to see how much he has to struggle just to make it through each day and do all the daily things that we take for granted. No doctors have been able to help him and he is struggling to pay for medical bills. He is only 23."

Stories about Propecia's disturbing and underreported side effects have run on <u>CNN, ABC, CBS, NBC,</u> Fox and on Italian and English TV news.

#### More worries

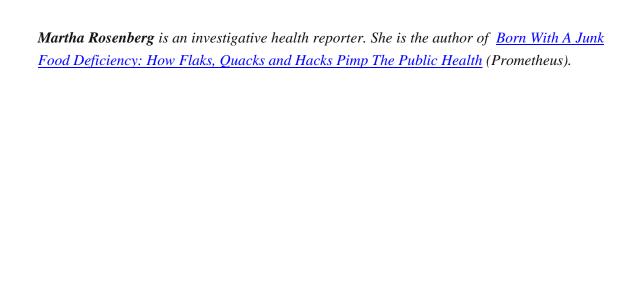
A quick look at Propecia <u>approval documents</u> does not inspire confidence. Finasteride induces such harm in the fetuses of lab animals, it is contraindicated in women when they are or may potentially be pregnant and women should not even "handle crushed or broken Propecia tablets when they are pregnant."

Clinical trials were of short duration and some only had 15 participants. While subjects were <u>asked aesthetic questions</u> about their hairline during and after clinical trials, conspicuously absent on the data set were questions about depression, mental health and shrinking sexual organs.

In one report an FDA reviewer notes that Merck did not name or include other drugs used by subjects during trials, such as antidepressants or GERD meds, suggesting that depression could have been a known side effect of Propecia. Elsewhere an FDA reviewer cautions that "low figures" in the safety update are not necessarily reliable because the time period was "relatively short" and subjects with sexual adverse events may have already "exited from the study." An FDA reviewer also wrote that "long-term cancer effects are unknown." Breast cancer was noted as an adverse event seen in the trials.

Approved in Haste, Regretted in Leisure

The rise and fall of Propecia parallels other drugs like Vioxx or hormone replacement therapy that were marketed to wide demographics even as safety questions nipped at their heels. Two-thirds of American men have some hair loss by age 35, and 85 percent of men have some hair loss by age 50, so Propecia had the promise of a blockbuster like Lipitor or Viagra. Despite the many news reports about its dangerous side effects, it remains popular. FEBRUARY 5, 2021



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