

Does Low Estrogen Cause Weight Gain

Side effects of DMAU include mild weight gain and mild decreases in levels of HDL cholesterol. It may also cause low estrogen levels and associated symptoms such as reduced sexual function and decreased bone mineral density. DMAU is an AAS, and hence is an agonist of the androgen receptor, the biological target of androgens like testosterone. It is also a progestin, or a synthetic progestogen, and hence is an agonist of the progesterone receptor, the biological target of progestogens like progesterone. Due to its androgenic and progestogenic activity, DMAU has antigonadotropic effects. These effects result in reversible suppression of sperm production and are responsible for the contraceptive effects of DMAU in men. The medication has no estrogenic activity. DMAU is a prodrug of dimethandrolone.

Low milk supply Newborns should regain their birth weight by two weeks of age, and gain at least In breastfeeding women, low milk supply, also known as lactation insufficiency, insufficient milk syndrome, agalactia, agalactorrhea, hypogalactia or hypogalactorrhea, is the production of breast milk in daily volumes that do not fully meet the nutritional needs of her infant. birth weight of the baby, and subsequently inflate the baby's weight loss

Plastic surgeons categorize the degree of ptosis by evaluating the position of the nipple relative to the infra-mammary fold, the point at which the underside of the breasts attach to the chest wall. In the most advanced stage, the nipples are below the fold and point toward the ground. Women's breasts undergo changes in size, volume, and position throughout their lives. In young women with large breasts—or even breast hypertrophy—sagging can occur early on due to... In addition to its role as a natural hormone, estrone has been used as a medication, for instance in menopausal hormone therapy; for information on estrone as a medication, see the estrone (medication) article.

Dimethandrolone undecanoate It may also cause low estrogen levels and associated symptoms Dimethandrolone undecanoate (DMAU), also known by its developmental code name CDB-4521, is an experimental androgen/anabolic steroid (AAS) and progestogen medication which is under development as a potential birth control pill for men. effects of DMAU include mild weight gain and mild decreases in levels of HDL cholesterol. It is taken by mouth, but can also be given by injection into muscle

Severe and potentially prolonged hypoeestrogenism is perhaps the most dangerous hormonal pathology associated with the disease, because consequences of this disturbance can influence bone health, cardiovascular health, mental health, and metabolic functioning in both the short and long-term. Because many of the symptoms overlap with those of organic hypothalamic, pituitary, or gonadal disease and therefore must be ruled out, FHA is a diagnosis of exclusion. "Functional" is used to indicate a behavioral...

Polyestradiol phosphate women to treat breast cancer, as a component of hormone therapy to treat low estrogen levels and menopausal symptoms, and as a component of feminizing hormone Polyestradiol phosphate (PEP), sold under the brand name Estradurin, is an estrogen medication which is used primarily in the treatment of prostate cancer in men. It is also used in women to treat breast cancer, as a component of hormone therapy to treat low estrogen levels and menopausal symptoms, and as a component of feminizing hormone therapy for transgender women. It is given by injection into muscle once every four weeks

Estrone is an estrogen, specifically an agonist of the estrogen receptors ER α and ER β . It is a far less potent estrogen than is estradiol, and as such, is a relatively weak estrogen. Given by subcutaneous injection in mice, estradiol is about 10-fold more potent than estrone and about 100-fold more potent than estriol. According to one study... The different types available include the pill, the patch and the vaginal ring, which are all widely available, and an injection, which is available in only some countries. They work by mainly suppressing luteinising hormone (LH) and follicle-stimulating hormone (FSH) and in turn preventing ovulation. Common side effects of PEP include headache, breast tenderness, breast development, feminization, sexual dysfunction, infertility, and vaginal bleeding. PEP is an estrogen and hence is an agonist of the estrogen receptor, the biological target of estrogens like estradiol. It is an estrogen ester in the form of a polymer and is an extremely long-lasting prodrug of estradiol in the body. The biological half-life of PEP is more than two months. Because PEP works by being converted into estradiol, it is considered to be a natural and bioidentical form of estrogen. The safety profile of parenteral estradiol esters like PEP is greatly improved relative to synthetic oral estrogens like ethinylestradiol and diethylstilbestrol.

Risk factors for breast cancer Breast cancer, like other forms of cancer, can result from multiple environmental and hereditary risk factors. The National Breast Cancer Foundation have stated that "eating too much of any food can contribute to weight gain, obesity Risk factors for breast cancer may be divided into preventable and non-preventable. Their study belongs in the field of epidemiology. The term environmental, as used by cancer researchers, means any risk factor that is not genetically inherited. consumption does not cause cancer

The pill, patch, and vaginal ring are all about 93% effective with typical use. Beneficial health effects include reduced risks of ovarian, endometrial and colorectal cancers. CHC can also provide improved control of some menstrual problems. Adverse effects include a small but higher risk of venous thromboembolism, arterial thromboembolism, breast cancer and cervical cancer. DMAU was first described in 2002. It was developed by the Contraceptive Development Branch... Common side effects include hot flashes, leg cramps, swelling, and joint pain. Severe side effects may include blood clots and stroke. Use during pregnancy may harm the baby. The medication may worsen menstrual symptoms. Raloxifene is a selective estrogen receptor modulator (SERM) and therefore a mixed agonist-antagonist of the estrogen receptor (ER). It has estrogenic effects in bone and antiestrogenic effects in the breasts and uterus. Several common misconceptions often lead mothers to believe they have insufficient milk when they are in fact producing enough. Actual low milk supply is likely if the baby is latching and swallowing well at the breast, is nevertheless not growing well or is showing signs of dehydration or malnutrition, and does not have a medical condition that would explain the lack of growth. The main method for increasing milk supply is improved breastfeeding practices and/or expressing milk through pumping or... It was previously known as "juvenile hypothalamosis syndrome," prior to the discovery that sexually mature females are equally affected. FHA has multiple risk factors, including stress-related, weight-related, and

exercise-related factors. FHA is caused by stress-induced suppression of the hypothalamic-pituitary-ovarian (HPO) axis, which results in inhibition of gonadotropin-releasing hormone (GnRH) secretion, and gonadotropins, follicle-stimulating hormone (FSH), and luteinizing hormone (LH). Xenoestrogens include pharmacological estrogens (in which estrogenic action is an intended effect, as in the drug ethinylestradiol used in contraceptive pills), but other chemicals may also have estrogenic effects. Xenoestrogens have been introduced... Raloxifene is used for the treatment and prevention of osteoporosis in postmenopausal women. It is used at a dosage of 60 mg/day for both the prevention and treatment of osteoporosis...

Ptosis (breasts) The rate at which a woman's breasts drop and the degree of ptosis depends on many factors. The key factors influencing breast ptosis over a woman's lifetime are cigarette smoking, her number of pregnancies, higher body mass index, larger bra cup size, and significant weight change. "breastfeeding does not appear to have an adverse effect upon breast appearance. Many women and medical professionals mistakenly believe that breastfeeding increases sagging. It is also commonly believed that the breast itself offers insufficient support and that wearing a bra prevents sagging, which has not been found to be true. Post-menopausal women or people with collagen deficiencies may experience increased ptosis due to a loss of skin elasticity. " Also discounted as causes affecting ptosis are weight gain during pregnancy Ptosis or sagging of the female breast is a natural consequence of aging

PEP was discovered around 1953 and was introduced...

Estrone It is one of three major endogenous estrogens, the others being estradiol and estriol. confirm that estrone has very low estrogenic activity, and also indicate that estrone does not diminish the estrogenic activity of estradiol. This contradicts Estrone (E1), also spelled oestrone, is a steroid, a weak estrogen, and a minor female sex hormone. Estrone, as well as the other estrogens, are synthesized from cholesterol and secreted mainly from the gonads, though they can also be formed from adrenal androgens in adipose tissue. Relative to estradiol, both estrone and estriol have far weaker activity as estrogens. It is both a precursor and metabolite of estradiol. Estrone can be converted into estradiol, and serves mainly as a precursor or metabolic intermediate of estradiol

Functional hypothalamic amenorrhea While hormonal-based therapies can potentially restore menses, weight gain and behavioral Functional hypothalamic amenorrhea (FHA) is a form of amenorrhea and chronic anovulation and is one of the most common types of secondary amenorrhea. managing the primary cause of the FHA with behavioral modifications. It is classified as hypogonadotropic hypogonadism

== Medical use == Biological activity ==

Raloxifene It is also used to reduce the risk of breast cancer in those at high risk. It is taken by mouth. by 72%, and of invasive estrogen receptor-positive breast cancer by 84%. Conversely, it does not reduce the risk of estrogen receptor-negative breast Raloxifene, sold under the brand name Evista among others, is a medication used to prevent and treat osteoporosis in postmenopausal women and those on glucocorticoids. For osteoporosis it is less preferred

than bisphosphonates 8bab9289e2

Combined hormonal contraception The different types available Combined hormonal contraception (CHC), or combined birth control, is a form of hormonal contraception which combines both an estrogen and a progestogen in varying formulations. birth control, is a form of hormonal contraception which combines both an estrogen and a progestogen in varying formulations 8bab9289e2

== Medical uses == 8bab9289e2 Although many epidemiological... 8bab9289e2 For breast cancer, the list of environmental risk factors includes the individual person's development, exposure to microbes, "medical interventions, dietary exposures to nutrients, energy and toxicants, ionizing radiation, and chemicals from industrial and agricultural processes and from consumer products...reproductive choices, energy balance, adult weight gain, body fatness, voluntary and involuntary physical activity, medical care, exposure to tobacco smoke and alcohol, and occupational exposures, including shift work" as well as "metabolic and physiologic processes that modify the body's internal environment." Some of these environmental factors are part of the physical environment, while others (such as diet and number of pregnancies) are primarily part of the social, cultural, or economic environment. 8bab9289e2 Xenoestrogens are clinically significant because they can mimic the effects of endogenous estrogen and thus have been implicated in precocious puberty and other disorders of the reproductive system. 8bab9289e2 Breast milk supply augments in response to the baby's demand for milk, and decreases when milk is allowed to remain in the breasts. Low milk supply is usually caused by allowing milk to remain in the breasts for long periods of time, or insufficiently draining the breasts during feeds. It is usually preventable, unless caused by medical conditions that have been estimated to affect five to fifteen percent of women. 8bab9289e2

Xenoestrogen Xenoestrogens are a type of xenohormone that imitates estrogen. They can be either synthetic or natural chemical compounds. Mycoestrogens, estrogenic substances from fungi, are another type of xenoestrogen that are also considered mycotoxins. Natural xenoestrogens include phytoestrogens which are plant-derived xenoestrogens. Synthetic xenoestrogens include Xenoestrogens are a type of xenohormone that imitates estrogen. Because the primary route of exposure to these compounds is by consumption of phytoestrogenic plants, they are sometimes called "dietary estrogens". Synthetic xenoestrogens include some widely used industrial compounds, such as PCBs, BPA, and phthalates, which have estrogenic effects on a living organism even though they differ chemically from the estrogenic substances produced internally by the endocrine system of any organism. They can be either synthetic or natural chemical compounds 8bab9289e2

Raloxifene was approved for medical use in the United States in 1997. It is available as a generic medication. In 2020, it was the 292nd most commonly prescribed medication in the United States, with more than 1 million prescriptions. 8bab9289e2

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