

ليتس اليبلس ٢.٥ لى كرام

QUALITATIVE AND QUANTITATIVE CO

Lets 2.5mg table ated tab Each film

ole U.S.P.2.5mg DESCRIPTION

Lets tablets for oral administration contains 2.5 mg of letrozole, a nonsteroidal aromatase inhibitor (inhibitor of estrogen synthesis). Letrozole is a white to yellowish crystalline powder, practically odorless, freely soluble in dichloromethane, slightly soluble in ethanol, and practically insoluble in water. CLINICAL PHARMACOLOGY

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CLINCAL PHARMACOLOY
Mechanism of Action: Letrozole is a nonsteroidal competitive inhibitor of the aromatase enzyme system; it inhibits the conversion of androgens to estrogens. In adult nontumor- and tumore-brain getmale aimals, letrozole is as effective as ovariectomy in reducing uterine weight, levelaring serum LH, and causing the regression of estrogen-dependent tumors. In contrast to ovariectomy, treatment with letrozole does not lead to an increase in serum FSH. Letrozole selectively inhibits gonadal steroidogenesis but has no significant effect on adrenal metalocortical or glucocortical synthesis. Alcotaria synthesis and thore on synthesis of through hormones. Pharmacoxymanics: In postmenopausal patients with advanced breast cancer, daily doess of 0.1 mg to 5 mg Lets (letrozole) suppress plasma concentrations of estradiol, estrone, and estrone sulfate and strone sulfate that were below the limit of dietectivicy brongs in advanced breast cancer, daily doess of 0.1 mg to 5 mg Lets (letrozole) suppress plasma concentrations of estradiol, estrone, and estrone sulfate by 75K by 5% form baseline with maxima suppression achieved within two three days. Suppression is does related, with doess of 0.5 mg and higher giving many values of estrone and estrone sulfate that were below the limit of dietectory oprosestrone. ACH or in plasma rene machiny among postmenopausal platents with a day does of 0.1 mg to 5 mg. This indicates that the blocked of estrogen biosynthesis does of 0.1 mg to 5 mg. This indicates that the tolecade of estrogen biosynthesis does of 0.1 mg to 5 mg. This indicates that the blocked of estrogen biosynthesis does not lead to a microsof admongestical maxins, lettozole is nowish of a maxins strozole in plash

where the second INTERACTIONS Tamoxifen: Coadministration of Lets and tamoxifen 20mg daily resulted in a reduction of letrozole plasma levels of 38% on average. Clinical experience in the second-line troast cancer trials (ARBC2 and ARVBC3) indicates that the therapeutic effect of Lets therapy is not impaired if Lets is administered immediately after tamoxifen. Cimetidine: A pharmacokinetic interaction study with cimetidine showed no clinically significant effect on letrozole pharmacokinetics. Warfarin: An interaction study with warfarin showed no clinically significant effect of letrozole on warfarin pharmacokinetics. Other anticancer agents There is no clinical experience to date on the use of Lets is combination with other adversore source. in combination with other anticancer agents. USE IN SPECIFIC POPULATION

USE IN SPECIFIC POPULATION Pregnancy: Category X: Lets can cause fetal harm and is contraindicated for use in pregnant women. In post-marketing reports, use of letrozole during pregnancy resulted in cases of spontaneous aboritons and congenital birth defects. Fetal anomalies included incomplete ossification of the skull, stemebrae, and fore and hind legs. Lets is contraindicated during pregnancy. Nursing Mothers: It is not known if letrozole is excreted in human milk. Because many drugs are excreted in human milk and because of the potential for serious adverse reactions in nursing infants from letrozole, a decision should be made whether to discontinue the drug, taking into account the importance of the drug to the mother. **Breast-leding**: It is unknown whether letrozole and its metabolities are excreted in human milk. Arisk to the newborns/infants cannot be excluded. Lets is contraindicated during breast feeding. **Pediatric Use:** The safety and effectiveness in pediatric patients have not been established. The safety and efficacy of Lets in children and adolescents aged up to 17 years have not been established.

Adult and elderly patients:

- our and entery patients: The recommended dose of Lets is 2.5 mg once daily. No dose adjustment is required for elderly patients. In patients with advanced or metastatic breast cancer, treatment with Lets should continue until turnour progression is evident. In the adjuvant and extended adjuvant setting, treatment with Lets should continue for 5 years or until turnour relapse occurs, whichever is first. In the adjuvant string, ascendmail treatment schedule (detrozel e 2 years followed by tarmoxifer) a 9 years) could also be considered. In the neoadjuvant setting, treatment with Lets could be continued for 4 to 8 months in order to establish optimat turnour reduction.

If the response is not adequate, treatment with Lets should be discontinued and surgery scheduled and/or further treatment options disc with the patient.

Renal impairment: No dosage adjustment of Lets is required for patients with renal insufficiency with creatinine cle nce ≥10 ml/min. Caution is there if crea clearance less than 10m/minute. Hepatic impairment: No dosage adjustment is recommended for patients with mild to moderate hepatic impairment, although Lets blood concentrations were modestly increased in subjects with moderate hepatic impairment due to cirrhosis. The dose of Lets in patients with cirrhosis and severe hepatic dystunction should be reduced by 50%. The recommended dose of Lets for such patients is 2.5 mg administered every other day. The effect of hepatic impairment on Lets exposure in noncirrhotic cancer patients with elevated bilirubin levels has not been determined. Caution should be there in sever impairment.

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DVERSE REACTONS ommon or very common: Abdominal pain "alopecia "anorexia,appetite increase, arthralgia,bone fracture, Constipation, depression, diarrhea, dizzine: spepsia, fatigue, headache, hot flushes, hypercholesterolaemia, hypertension, increased sweating, musculoskeletal pain, nausea, osteoporosis, periph sh, vaginal bleeding,vomiting, weight changes. Uncommon: Anoteky, arthritis, blurred vision, breast pain, cardiac events, cataract, cerebrovascular ev ysaesthesia, dyspnea, eye irritation, general oedema, insomnia, leucopenia, memory impairment, mucosal Dryness, palpitation, prurius, pyrexia evolverardia, taste disturbance, thromobyohlebitis, tumor gene, uninary frequency.urinary-tract infection, urticaria. vaginal discharge. Rare: Arterial thrombosis mbolism. Frequency not known: Hepatitis toxic epidermal necrolysis. Co

Upsassingly dyspirea, eye intration, general ordenira, insolutina, teucoperia, finantoy impainteni, introcess, papinauto, privinas, pryexa, stutina tradycaridi, taski stuthurane, thromosphelbidis, tumor upin, unitrary frequency unitrary-tract infection, urticaria, vaginal discharge, **Bare**: Arterial thrombosis, pulmo embolism. **Frequency nol known**: Hepatitis toxic epidermal necrolysis. **DOSAGE AND ADMINISTRATION** The recommended does of Lets is one 2.5 mg tablet administered once a day, without regard to meaks. **Use in Adjuvant Treatment of Early Breast Cancer:** In the adjustication of treatment with letrozole is unknown. In both the adjuvant study and the postapproval adjuvant study, median treatment duration or treatment should be discontinued at relapse. **Use in Extended Adjuvant Treatment of Early Breast Cancer:** In the adjud edjuvant study, median treatment duration were streatment duration or treatment at theratment in the treatment diversion way years. Treatment should be discontinued at relapse. **Use in Extended Adjuvant Treatment of Early Breast Cancer:** In the edited dagivant study, median treatment duration were treatment duration for Lets was 60 months. Seventy-one (71%) percent of patients were treated for at least 3 years and 58% of patients completed at 1.4.5 years or textended adjuvant textment. The treatment should be discontinued at thruor relapse. **Use in First and Second Line Treatment of Advanced Breast Can** in patients with advanced disease, treatment with Lets hould continue until tumor or progress. Its is is evident. **Overdosage:** Isolated cases of overdose with Lets have I reported. No specific treatment for overdose is known; treatment should be symptomatic and supportive. **INSTRUCTIONS Dosage** as directed by the physician. Store at 25°C, excursions permitted to 15°C-30°C. Protect from sunlight and mositure. Keep all medicines out of the reach of children. To be sold on the prescription of a registered medical practitioner only. **PRESENTATION** Lets (Letrozole) 2.5 mg tablets U.S.P.

علام**ات** *ا***طریقہ استعال: لیٹنس ٹیلٹ کا استعال پوسٹ مینو پاسل خواتین میں ابتدائی چھاتی کے یغمر کےعلاج کے لیے تجویز کردہ ہے۔**

ے میں درد،سر درد، نیند میں کی ،آنکھوں میں چیمن ،موتیا، متلی ،الٹی ^{عر}یخ بن وغیر ہ مصراثرات: معد

احتیاطی تد ایر: لینس کاستعال بڑی معدنی کثافت (BMD) میں کی کادجہ بن سکتا ہے۔ سرم کولیسٹرول کے لیول کا معائد کرداتے رہیں۔ جگرادر گردے مے میض احتیاط سے استعال کریں۔

حاملہ خواتین میں استعال ممنوع ہے۔ لیٹنس چکراور تھکن ہےمشروط ہے چنانچہ ڈرائیونگ کرتے ہوئے احتیاط کریں۔

مېدايات: خوراك ڈاكٹر كې بدايت كے مطابق استعال كريں۔ ۲۵ ڈگرى ينٹى گريڈتك رکچس بحفوظ دکھنے كاحد ۵۱ ہے ۳ ڈگرى ينٹى گريڈ ہے۔سورج كى ردشنى اورنمى مے محفوظ دکھير تمام دوائیں بچوں کی پیچ سے دوررکھیں۔ <u>صرف رجسٹر ڈ</u>ڈاکٹر <u>کے نسخہ پر فروخت کریں۔</u>

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