RIGILIGHTS OF PRISCRIBING INFORMATION
There highlights do not include all the information needed to use DROSPIBENONE AND ETHINYL
THE CONTROL OF THE PRISON O

Women over 35 years old who smoke should not use drosphrenone and ethinyl estradiol tablets. (4). Cigarette moding increases the risk of serious cardiovascular events from combination or all contraceptive (COC) use. (4)

Contradictations (4) 082017
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Disopieronose and ethinyl estratiolation being an est reging propergion (DCC, indicated for use by women is:

1 Preview pregions; (1.1)
1 Treat symptoms of permenstrated dysphoric disorder (PMDD) for women who choose to use an oral contraceptive for
1 Treat moderate acree for women at least 14 years old only if the patient desires an oral contraceptive for birth control. (1.3)

Take one tablet daily by mouth at the same time every day. (2.1) Tablets must be taken in the order directed on the blister pack (2.1)

DOSAGE FORMS AND STRUNCTIS

Dospteronse and ethinyl estradiolathies consist of 2 fills content blooms tables in the following order (3):

- 24 jain tables, each constaining 3 mg drospteronse (DKSP) and 00.2 mg ethinyl estradiol (EE)

- 4 white her tables.

Renal Impairment (4)
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**VARANNOS AND PRECAUTION

**VARAN

Literius Delecting: Evolution irrugiare Delecting or amenorinea. (2.3)
 The most Frequent adverse reactions (greater than or equalso 2%) is contraception and acce clusical trials were: headscherlungings (CS/%), neutroal regularities (2.6%), new avoiming (4.2%), hereast publishenderness (4.9%) and mood changes (2.2%), (6.1)
 The most Frequent adverse reactions (2%) in PADD clinical trials were: menstrual irregularities (24.9%), nauscell (1.26%), houseleds (1.26%), thouseleds (1.26%), thouseleds (1.26%), and affect challey (2.16%), (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Nivagen Pharmaceuticals Toll-free at 1-877-977-0687 or FDA at 1-800-FDA-1088 or_www.fda.gov/medwatch.

Indiffers are useful moders at reaction (DCCs, (7.1)

USE IN SPECIFIC POPULATIONS

Narsing Monhers: Not recommended; on decrease milk production, (8.3)

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 11/2817

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FULL PRESCRIBING INFORMATION

WARNING: CIGARETTE SMOKING AND SERIOUS CARDIOVASCULAR EVENTS Cigarette smoking increases the risk of serious cardiovascular events from combination oral contraceptives (COC) use. This risk increases with age, particularly in women over 3 years of age, and with the number of cigarettes smoked. For this reson, COCs should not be used by women who are over 35 years of age and smoke [see Contraindications (4)].

1 INDICATIONS AND USAGE

1.1 Oral Contraceptive

Drospirenone and ethinyl estradiol tablets are indicated for use by women to prevent pregnancy.

1.2 Premenstrual Dysphoric Disorder (PMDD)

1.2 Premenstrual Dysphoric Disorder (PMDD)

Toopirenome and entinyl extradiol tolles are also indicated for the treatment of symptoms of premenstrual dysphoric disorder (PMDD) in women who choose to use an oral contraceptive as their method or contraception. The effectiveness of drospirenome and entinyl estrated in tables for PMDD when used for more than three menstrual cycles has not been evaluated.

The essertial features of PMDD according to the Diagnostic and Statistical Manual-4th edition (DSM-treatments of PMDD according to the Diagnostic and Statistical Manual-4th edition (DSM-treatments) and the state of the properties of the

IV criteria, with symptomatology assessed prospectively over at least two menstrual cycles. In making the diagnosis, care should be taken to rule out other cyclical mood disorders.

Drospirenone and ethinyl estradiol tablets have not been evaluated for the treatment of premenstrual syndrome (PMS).

1.3 Acne

Drospirenone and ethinyl estradiol tablets are indicated for the treatment of moderate acre vulgaris in women at least 14 years of age, who have no known contraindications to oral contraceptive therapy and that we achieved memory. A prospireno and ethinyl estratish should be used for the treatment of acre only if the patient desires an oral contraceptive for birth control.

2.1 How to Take Drospirenone and Ethinyl Estradiol Tablets

Take one tablet by mouth at the same time every day. The failure rate may increase when pills are missed or taken incorrectly.

To achieve maximum contraceptive and PMDD effectiveness, drospirenone and ethinyl estradiol tablets must be taken exectly as directed, in the order directed on the blister pack. Single missed pills should be taken as soon as remembered.

2.2 How to Start Drospirenone and Ethinyl Estradiol Tablets,

Instruct the patient to begin taking drospirenone and ethinyl estradiol tablets either on the first day of her menstrual period (Day I Start) or on the first Sunday after the onset of her menstrual period (Sunday Start).

Day 1 Start

Doy I Start

During the first cycle of drospiremone and ethinyl estradiol tablets use, instruct the patient to take one pink drospiremone and ethinyl estradiol tablets daily, beginning on Day 1 of her mentraul cycle, of the first day of mensuration is Day 1.3 be should take one pink drospiremone and ethinyl estradiol tablets daily for 24 consecutive days, followed by one white inert tablet daily on Days 25 through 28. Drospiremone and ethinyl estradiol tablets should be taken in the order directed on the package at the Drospiremone and ethinyl estradiol tablets should be taken in the order directed on the package at the Drospiremone and ethinyl estradiol tablets can be taken without regard to meals. If drospiremone and ethinyl estradiol tablets are first taken later than the first day of the menstrand cycle, drospiremone and ethinyl estradiol tablets are first taken later than the first day of the menstrand cycle, drospiremone and ethinyl estradiol tablets are first taken later than the first day of the menstrand cycle, drospiremone and ethinyl estradiol tablets should not be considered effective as a contraceptive until after the first 7 days. The possibility of ovulation and conception prior to initiation of mediculton should be considered.

Sunday Start

Sunday Start

During the first cycle of drospiterone and estimal extendiol tablets use, increase the patient to take one paths drospiterone and estimal extendiol tablets daily, beginning on the first Sunday after the ones of her paths drospiterone and estimal extendiol tablets daily, beginning on the first Sunday after the ones of her paths drospiterone and estimal extendiol tablets and the late of the path of the daily of the extendiol tablets can be able without one the other daily on Days 25 through 28. Drospiterone and estimaly after the evening meal or at bediene with some liquid, as needed. Drospiterone and estimated to the daily of the dail

When switching from a different birth control pill

When switching from another birth control pill, drospirenone and ethinyl estradiol tablets should be started on the same day that a new pack of the previous oral contraceptive would have been started.

When switching from a method other than a birth control pill

When swicking from a method other than a birth counted pill.

When swicking from a transferral gashe or voginal ring, drospirenone and ethinyl estradiol tablets should be started when the next application would have been due. When switching from an injection, drospirenone and ethinyl estradiol tablets should be started when the act does would have been due. When switching from an intrauserine contraceptive or an implant, drospirenone and ethinyl estradiol tablets should be started on the day of removal.

Withdrawal bleeding usually occurs within 3 days following the last pink tablet. If sporting or breadthough the efficient operation, and the started on the day of removal.

Withdrawal bleeding occurs with eading drospirenone and ethinyl estradiol tablets, instruct they not continue taking drospirenone and ethinyl estradiol tablets by the regimen described above. Course her that this type of theeding is usually transler and without significance, however, davise her that it the bleeding is persistent or prolonged, she should consult her healthcare provider.

the bleeding, is persistent or prolonged, she should consult her healthcare provider.

Although the occurrence of pregnancy is low if drospitenose and ethingle standal tablets are taken according to directions, if windrawal bleeding does not occur, consider the possibility of pregnancy. If the patient has not adhered to the perscribed dosing schoel most ender or more active tablets or started daking them on a day later than she should have), consider the possibility of pregnancy at the time of the first strissed period and take appropriate diagnostic measures. If the patient has adhered to the prescribed regime and arcs two consecutive periods, rule our pregnancy. Discontinue drospitenome and ethingle strandal tablets if pregnancy is confirmed.

The risk of preguarcy increases with each active pink tablet missed. For additional patient instruction regarding missed pills, see the "WHAT TO DO IF YOU MISS PILLS" section in the FDA Approved Patient Labeling, it freathings the design occurs following missed pills, see the "WHAT TO DO IF YOU MISS PILLS" section in the FDA Approved Patient Labeling, it freathings the leading cours following missed pathless, it will usual be be transient and for a conceptive provided side be begin tablet; as very cycle of pilk tablets on the proper day.

For postpartum women who do not breastfeed or after a second trimester abortion, start drospirenone and ethingl estradiol tablets no earlier than 4 weeks postpartum due to the increased risk of the dromothembolism. If the patient starts on drospirenone and ethingl estradiol tablets postpartum and has not yet had a period, evaluate for possible pregnancy, and instruct her to use an additional method of contacegoin until he shas take drospirenone and ethingly estradiol tablets of 7 consecture days.

2.3 Advice in Case of Gastrointestinal Disturbances

In case of severe voniting or diarrhea, absorption may not be complete and additional contraceptive measures should be taken. If voniting occurs within 3-4 hours after tablet-taking, this can be regarded as a missed tablet.

Drospirenone and ethinyl estradiol tablets provides an oral contraceptive regimen consisting of 28 round unscored tablets in a blister card (NDC 75834-116-84) that contain the ingredients specified for

- each tablet below:

 124 pink tablets each containing 3 mg drospirenone (DRSP) and 0.02 mg ethinyl estradiol (EE) debossed with "23" on one side

 14 inert white tablets debossed with "P" on one side and "N" on the other side.

4 CONTRAINDICATIONS

Do not prescribe drospin following:

Renal impairment
Adrenal insufficiency ne and ethinyl estradiol tablets to women who are known to have the

- Adreaul insufficiency
 A high risk of artical or venous thrombotic diseases, Examples include women who are known to:
 S moke, If over age 35/see Boxed Warning and Warnings and Precountions (5.1)]
 Have deep vielntrombosis or pulmonary enholism, now to in the past/see Warnings and Precountions (5.1)]
 Have cerebrovascular disease/see Warnings and Precountions (5.1)]
 Have coronary artery disease/see Warnings and Precountions (5.1)]
 Have coronary artery disease/see Warnings and Precountions (5.1)
 Have chromboge including and introduces to the heart (for example, subcause bacterial endocarditis with valvular disease, or artial thrillation/jicee Warnings and Precountions (5.1)
 Precountions (5.1) are mired bacterior-analyseasing for Marinings and Precounting (5.1) are mired bacterior-analyseasing for Marinings (5.1).

- subscure bacterial endocardits with valvular disease, or artial fibrillation/feev Warnings and Precautions (5.1)

 Have interrited or acquired hyper coagulopathies/sev Warnings and Precautions (5.1)

 Have interrited or acquired hyper coagulopathies/sev Warnings and Precautions (5.7)

 Have interrited the sevent state of the sevent sevent

5.1 Thromboembolic Disorders and Other Vascular Problems

Stop drospirenone and ethinyl estradiol tablets if an arterial or venous thrombotic (VTE) event occurs Sop drospierone and ethinyl estadiol tables is an arterial or venous thrombotic (VTE) event occurs. Based on presently available information on DRSF-containing (OCCs with 10.3 mg ethinyl estradiol, DRSF-containing (OCCs my bin) supplementation of the processing by the properties of some other progesting. Eviption (VTE) than the COCC containing the progestine dross most operative of some other progestine. Eviption (VTE) than the processing the progestine of some other progestine. Eviption (VTE) than the Before initiating use of drospierone and ethinyl estradiol tablets in a new COC safe or a woman who is writing from a corrasceptive that does not contain DRSF, condistrier the size and benefits of a DRSF-containing COC in light of the risk of a VTE. Known risk factors for VTE include smoking, obesity, and family history of VTE, in addition to other factors that corrasination are of COCs face.

A number of studies have compared the risk of VTE for users of drospirenone and ethinyl estradiol tablets to the risk for users of other COCs, including COCs containing levonorgestrel. Those that were required or sponsored by regulatory agencies are summarized in Table 1.

Table 1: Estimates (Hazard Ratios) of Venous Thromboembolism Risk in Current Users of Drospirenone and Ethinyl Estradiol Tablets

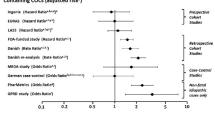
Compared to Users of Oral Contraceptives that Contain Other Progestins					
Epidemiologic Study (Author, Year of Publication)	Comparator Product (all are low-dose COCs; with ≤ 0.04 mg of EE)	Hazard Ratio (HR) (95% CI)			
Population Studied					
i3 Ingenix .	All COCs available in the US.	HR: 0.9			
(Seeger 2007) Initiators, including new users	during the conduct of the study b.	(0.5-1.6)			
EURAS.	All COCs available in Europe.	HR: 0.9			
(Dinger 2007).	during the conduct of the study c	(0.6-1.4)			
Initiators, including new users					
	Levonorgestrel/EE	HR: 1.0			
		(0.6-1.8)			

"FDA-funded study" (2011) New users ^a	Other COCs available during the course of the study ^d	HR: 1.8 (1.3-2.4)
	Levonorgestrel/0.03 mg EE	HR: 1.6 (1.1-2.2)
All users.	Other COCs available during the course of the study d	HR: 1.7
(i.e., initiation and continuing use of study combination hormonal contraception		(1.4-2.1)
	Levonorgestrel/0.03 mg EE	HR: 1.5
		(1.2-1.8)

a) "New users" - no use of combination hormonal contraception for at least the prior 6 months b) Includes low-dose COCs containing the following progestins: norgestimate, norethindrone, levonorgestrel, desogestrel, norgestrel, medroxyprogesterone, or ethynodiol diacetate c) Includes low-dose COCs containing the following progestins: levonorgestrel, desogestrel, dienogest, chlormadinone acetate, gestodene, cyproterone acetate, norgestimate, or norethindrone d) Includes low-dose COCs containing the following progestins: norgestimate, norethindrone, or levonorgestrel

levonorgestrel
In addition to hese "regulatory studies," other studies of various designs have been conducted. Overall, there are two prospective cohort studies (see Table 1); the US post-approval safety study lyngeris. [Seeger 2007]. He European post-approval safety study [INERAS (European Active Surveillance Study) [Dinger 2007]. An extension of the EURAS study, the Long-Term Active Surveillance Study (LASS). [Dinger 2007]. An extension of the EURAS study, the Long-Term Active Surveillance Study (LASS) and the Company of th

Figure 1: VTE Risk with Drospirenone and EE tablets (3mg/0.03mg) Relative to LNG-Containing COCs (adjusted risk*)



Risk ratios displayed on logarithmic scale; risk ratio < 1 indicates a lower risk of VTE for DRSP, > 1 indicates an increased risk of VTE for DRSP.

*Comparator "Other COCs", including LNG- containing COCs

*Comparator "Other COCs", including LNG- containing COCs
† LASS is an extension of the EURAS study

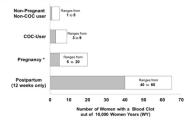
Some adjustment factors are indicated by superscript letters: a) Current heavy smoking, b)
hypertension, c) obesity, d) family history, e) age, f) BMI, g) duration of use, h) VTE history, l) period
of inclusion, j Leadendy wear, ly detained, n) length of use, m, parity, a) (chord disease, e) concornitant
medication, p) smoking, d) duration of exposure, r) site
(References: [general New Sarveillance Study) [Dinger, unpublished documen on file]. PDA-funded
study [Study 2011], Study [Lides goard 2009]*, Danish re-analysis [Lidesgard 2011]*, MGCA study
of Study 2011, Study [Lidesgard 2009]*, Danish re-analysis [Lidesgard 2011]*, MGCA study
GPRD study [Parkin 2011]*)

GPRD study [Parkin 2011]*)

GPRD sndy [Parkin 2011]⁵)
Although the absolute VTE rates are increased for users of hormonal contraceptives compared to nonusers, the rates during pregnancy are even greater, especially during the post-partumperiod (see Figure
2). The risk of VTE is invomen using COCs has been estimated to be 3 to 9 per 10,000 womma-year
The risk of VTE is highest during the first year of use. Dust from a large, prospect-cohort safety
and of vite COCs staggest than the increased risk, as compared to that innor COC users, it
will be the compared to the process of the contract of t

Tissue 2 shows the risk of developing a VTE for women who are not pregnant and do not use oral contraceptives, for women who use oral contraceptives, for pregnant women, and for women in the pospartum period. To put the risk of developing a VTE into perspectives If (0,000 women who are not pregnant and do not use oral contraceptives are followed for one year, between 1 and 5 of these women will develop a VTE.

Figure 2: Likelihood of Developing a VTE



* Pregnancy data based on actual duration of pregnancy in the reference studies. Based on a model assumption that pregnancy duration is nine months, the rate is 7 to 27 per 10,000 WY.

If feasible, stop drospirenone and ethinyl estradiol tablets at least 4 weeks before and through 2 weeks after mijor surgery or often surgerites known to have an elevated risk of thromboembolism. Start drospirenone and ethinyl estradiol tablets no earlier hand a veeks after delivery, in women who are not breastfeeding. The risk of postpartum thromboembolism decreases after the third postpartum week, whereas the risk of ovalution increases after the third postpartum week.

wwereas we trax or ovurazion intereses after the mirri postpartium week.

Lee of COCS also increases the risk of arterial fromboses such as strokes and myocardial infarctions, especially in women with other risk factors for these events.

COCs have been shown to increase both the relative and antibutable risks of cerebrovascular events (thrombotic and hemorrhagic strokes), although, in general, the risk is greatest among older (>25 years of age), hypertensive women who also smake. COCs also increase the risk for stroke in women with other underlying risk factors.

Oral contraceptives must be used with caution in women with cardiovascular disease risk factors.

Sood rossingenge and elphinel extradiol tables if those is uneval-involved.

Stop drospirenone and ethinyl estradiol tablets if there is unexplained loss of vision, proptosis, diplopia, papilledema, or retinal vascular lesions. Evaluate for retinal vein thrombosis immediately. [See Adverse Reactions (6).]

5.2 Hyperkalemia

5.2 Hyperkalemia

Drospiresone and eshipal estradiol tablets contain 2 mg of the progestin DRSP which has artimize talcorricted activity, including the potential for hyperkalemia in high-tisk patients, comparable to a 25 mg does of spironolatore. Drospirenone and eshipil estaddo tablets are contraindicated in patients with conditions that predispose to hyperkalemia (that is, renal impairment, hepatic impairment, and adread instrictionery). Women receiving daily, long-rem teatment for chronic conditions or diseases with medications that may increase serum potassium concernation should have their serum potassium concernation include ACE infaltutors, augioensii-il receptor antigotists, potassium-sparing motassium concernation include ACE infaltutors, augioensii-il receptor antigotists, potassium-sparing monitoring serum potassium concernation in high-risk patients who take a strong CYP3A4 inhibitor long-term and concornitantly. Strong CYP3A4 inhibitor in large-trait patients who take a strong CYP3A4 inhibitor long-term and concornitantly. Strong CYP3A4 inhibitors include acute antifungals (e.g. leteconazole, intraconazole, vorticonazole, HIVAICP protease inhibitors (e.g., indinavir, boceprevir), and clarithromycin [see Clinical Phermacology (12.3)].

5.3 Carcinoma of the Breasts and Reproductive Organs

Women who currently have or have had breast cancer should not use drospirenone and ethinyl estradiol tablets because breast cancer is a hormonally-sensitive tumor.

uniets occause oreast career is a normonary-sensitive numor. There is substantial evidence that COCs do not increase the incidence of breast cancer. Although some past studies have suggested that COCs might increase the incidence of breast cancer, more recent studies have not confirmed such findings.

Some studies suggest that COCs are associated with an increase in the risk of cervical cancer or intracplification. However, there is controversy about the extent to which these findings may be due to differences in sexual behavior and other factors.

5.4 Liver Disease

Discontinue drospirenone and ethinyl estradiol tablets if jaundice develops. Steroid hormones may be poorly metabolized in patients with impaired liver function. Acute or chronic disturbances of liver function may necessitate the discontinuation of COC use until markers of liver function return to norm and COC caussidon has been excluded.

Hepatic adenomas are associated with COC use. An estimate of the attributable risk is 3.3 cases/100,000 COC users. Rupture of hepatic adenomas may cause death through intrallabdominal

Studies have shown an increased risk of developing hepatocellular carcinoma in long@term (>8 years) COC users. However, the attributable risk of liver cancers in COC users is less than one case per million users.

Oral contraceptive-related cholestasis may occur in women with a history of pregnancy-related cholestasis. Women with a history of COC-related cholestasis may have the condition recur with subsequent COC use.

5.5 Risk of Liver Enzyme Elevations with Concomitant Hepatitis C Treatment

So loss of Liver Enzyme Levanous with Concombant repaints C. Festment During clinical trials with the Hepatistic C combination drug regimen that constraints of many combination of the Control of the Co

5.6 High Blood Pressure

5.6 High Bisood rressure For women with well-controlled hypertension, monitor blood pressure and stop drospirenone and ethinyl estradiol tables if blood pressure rises significantly. Women with uncontrolled hypertension or hypertension with vascular disease should not use COCs.

An increase in hlood pressure has been reported in women taking COCs, and this increase is more likely in older women and with extended duration of use. The incidence of hypertension increases with increasing concentration of progestin.

5.7 Gallbladder Disease

dies suggest a small increased relative risk of developing gallbladder disease among COC users

5.8 Carbohydrate and Lipid Metabolic Effects

consumptions and Lipid Metabolic Effects
Cartelly monitor prediabatic and diabetic vorons who are taking drospierone and ethinyl estradiol tablets. COCs may decrease glucose intolerance in a dose-related feshion.

Consider alternative contraception for women with uncontrolled dyslipidenias. A small proportion of women will have adverse lipid changes while on COCs.

Women with hypertriglyver/denia, or a family history thereof, may be at an increased risk of partreatitis when using COCs.

5.9 Headache

If a woman taking drospirenone and ethinyl estradiol tablets develops new headaches that are recurrent persistent, or severe, evaluate the cause and discontinue drospirenone and ethinyl estradiol tablets if indicated.

An increase in frequency or severity of migraine during COC use (which may be prodromal of a cerebrovascular event) may be a reason for immediate discontinuation of the COC.

5.10 Bleeding Irregularities

5.10 Bleeding Irregularities
Unscheduled (Presiderious) or intracyclic) bleeding and spotting sometimes occur in patients on COCs, especially during the first three months of use. If bleeding persists or occurs after previously regular sepecially during the first three months of use. If bleeding persists or occurs after previously regular description of the previously regular three previously regular three previously regular times three previously resolve over time or with a change to a different COC.

Based on patient datasets from two contraceptor clinical ritials of drospierome and ethingle standiol tabless, by a 25% of women experienced unscheduled bleeding per 28-day cycle. A build of 12 subjects out of 1,156 (1,159) discontrated due to mentural distorbes including intermentarial bleeding, menorrhagia, and menorrhagia.

Women who use footpierome and chinyl estandiol tablets may experience absence of withdrawal bleeding, ewen if they are not preggant. Based on subject daries from contraception risks for up to 13 cycles, to 105% of women experienced cycles with no withdrawal bleeding, foom women may experience decided by the contraction of the patients of the patients are contracted by the contraction of the patients of the patients are contracted by the contraction of the patients of the patients are contracted by the contraction of the patients are contracted by the contraction of the patients are contracted by the patient has not should hostly, consider the possibility of pregnancy at the time of the first most of patients and misses two consecutive periods, rule out pregnancy.

5.11 COC Use Before or During Early Pregnancy

Extensive epidemiological studies have revealed no increased risk of birth defects in women used oral contraceptives prior to pregnancy. Studies also do not suggest a terangenic effect, particularly in so far as cardiac anomalies and limbireduction defects are concerned, when tab inadvertently during early pregnancy.

The administration of oral contraceptives to induce withdrawal bleeding should not be used as a test for pregnancy [see Use in Specific Populations (8.1)].

5.12 Depression

Women with a history of depression should be carefully observed and drospirenone and ethinyl estradiol tablets discontinued if depression recurs to a serious degree.

5.13 Interference with Laboratory Tests

The use of COCs may change the results of some labor story sets, such as congulation factors, lipids, places solvinates, and blading pointies. Novemen onlyrotid burmons replacement therapy may be discreased doses of thyroid barmone because serum concentrations of thyroid-binding globulin increase with use of COCs (see Pump Interactions (72)).

DRSP causes an increase in plasma resin activity and plasma addosterone induced by its mild antimateral cortricted activity.

5.14 Monitoring

A woman who is taking COCs should have a yearly visit with her healthcare provider for a blood pressure check and for other indicated healthcare.

5.15 Other Conditions

In women with mereditary angloederm, exogenous estrogens may induce or exacerbate symptoms of angloederm. Chloasma may occasionally occur, especially in women with a history of chloasma gravidarum. Women with a tendency to chloasma should avoid exposure to the sun or ultraviolet radiation while taking COCs.

6 ADVERSE REACTIONS

The following serious adverse reactions with the use of COCs are discussed elsewhere in the labeling:

- labeling:

 Serious cardiovascular events and stroke [see Boxed Warning and Warnings and Precautions (5.1)]

 Vascular events [see Warnings and Precautions (5.1)]

 Liver disease[see Warnings and Precautions (5.4)]

Adverse reactions commonly reported by COC users are:

Irregular uterine bleeding

- Nausea
 Breast tenderness
 Headache

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

Contraception and Acne Clinical Trials

The data provided reflect the experience with the use of drospirenone and ethinyl estradiol tablets in the adequate and well-controlled studies for contraception (N=1,056) and for moderate acre vulgaris (N=536).

The above the control was a control to the control

Safety data from trials for the indication of PMDD are reported separately due to differences in study design and setting in the Contraception and Acne studies as compared to the PMDD clinical program. Two (one parallel and one crossover designed) multicenter, double-blind, randomized, placebo-controlled trials for the secondary indication of treating the symptoms of PMDD evaluated safety and efficacy of drospienone and ething lestradiol lables during up to 3 cycles among 285 worms aged 18– 42, diagnosed with PMDD and who took at least one dose of drospirenone and ethinyl estradiol tablets.

Common adverse reactions (2% of users) were: menstrual irregularities (including vaginal hemorrhage [primarily spotting] and metorrhagia) (24.9%), nausea (15.8%), headache (13.0%), breast enderness (10.5%), fatigue (4.2%), irritability (2.8%), decreased libido (2.8%), increased weight (2.5%), and affect lability (2.1%).

Contraception Clinical Trials

Of 1.056 women, 6.5% discontinued from the clinical trials due to an adverse reaction; the most frequent adverse reactions leading to discontinuation were headache/migraine (1.6%) and nausea/vomiting (1.0%).

7.66 Colombia Finds
of 536 women, 5.4% discontinued from the clinical trials due to an adverse reaction; the most frequent adverse reaction leading to discontinuation was menstrual irregularities (including menometrorrhagia, menorrhagia, metrorrhagia and vaginal hemorrhage) (2.2%).

PMDD Clinical Trials

O 285 women. 1186 discontinued from the clinical trials due to an adverse reaction; the most frequent adverse reactions leading to discontinuation were: nussea/wording (4.6%), mentmal irregularity (including vagainal hemorrhage, mentmal disorder, mentmation irregular and metrorrhagia) (4.2%), fatgue (1.8%), breast tenderness (1.4%), depression (1.4%), headache (1.1%), and riritability (1.4%), headache (1.1%).

Serious Adverse Reactions

Contraception Clinical Trials: migraine and cervical dysplasia

Acne Clinical Trials: none reported in the clinical trials
PMDD Clinical Trials: cervical dysplasia

6.2 Postmarketing Experience

The following adverse reactions have been identified during post approval use of drospirenone and ethingl estradol tables. Because these reactions are reported voluntarily from a population of uncertain state, it is not always possible to reliably estimate their frequency or establish a causal relationship to drong exposure.

Adverse reactions are grouped into System Organ Classes, and ordered by frequency

Vascular disorders: Venous and arterial thromboembolic events (including pulmonary emithrombosis, cerebral thrombosis, retinal thrombosis, myocardial infarction and stroke), hy (including hypertensive crisis)

Hepatobiliary disorders: Gallbladder disease, liver function disturbances, liver tumors

Hepatobiliary disorders: Gallbladder disease, liver function disturbances, liver tumors
Immune system disorders: Hypersensitivity (including amphylactic reaction)
Metabolism and nitrion disorders: Hyperslednein, hyperitylsyeridenia, changes in glucose tolerance
or effect on peripheral insulin resistance (including diabetes mellins)

Skin and subcutaneous tissue disorders: Chloasma, angloedema, erythema modosum, erythema
multiforme

Gastrointestinal disorders: Inflammatory bowel disease

Consult the labeling of all concurrently-used drugs to obtain further information about interactions with hormonal contraceptives or the potential for enzyme alterations.

7.1 Effects of Other Drugs on Combined Oral Contraceptives

A Littles of Other Drugs on Commoned Oral Contraceptives
Substances diminishing the efficacy of COCCS Drugs or breal products that induce certain enzymes,
including cytochrome P450 3A4 (CYP3A4), may decrease the effectiveness of COCs or increase
breakflowigh bleeding. Some drugs or brealst products that may decrease the effectiveness of hormonal
contraceptives include phenytoin, burbinatures, carbanuseptire, bosenan, felbanuse, gris-centuri, or socrabaciptive, findings, topicame and products containings. So John's wort, Interactions between oral
contractives include phenytoin, burbinatures, carbanuse price and products containings. So John's wort Interactions between oral
contractives and interactive method for contraception to the bedding and or contraceptive failure. Consect
contractives and internative method for contraception for 28 days after discontinuing the enzyme
inducer to ensure contraceptive reliability.

Solutiones in contractive that contractive and contractive

inducer to ensure contraceptive reliability.

Substances increasing the plasma concentrations of COCs: Co-administration of atorvastatin and certain COCs containing EE increase AUC values for EE by approximately 20%. Ascorbic acid and acetaminophen may increase plasma EE concentrations, possibly by inhibition of conjugation.

aceaminyhen my increase plasm EE concentrations, possibly by inhibition of conjugation. Conconitant administration of modernet or strong, CVPA44 inhibitors such a scale and fungale (e.g., lestrocanzole, vorticonzole, bucconzole), vorticonzole, fluconzole), vorticonzole, fluconzole), vorticonzole, fluconzole), vortiganti, metrolides (e.g., clarithrospytia, erptimonzych), dilizaren, and grape fruit juice can increase the plasma concentrations of the estogenor the progestion or both. In a clinical drug-drug interaction sudy conducted in premeopassal women, one daily co-administration of DRSP 3 rapides. 0.0 rag containing ubiles with strong CVPA34 inhibitor, lestrocanzole 200 mg notice daily for 10 days resulted in a moderate increase of DRSP systemic resposure. The exposure of EE was increased mildly (see Warmings and Precurations 2) and Clinical Pharmacology (12.3).

Paramacousy (12.5)**. Human immunodes[siency virus (HIV) Hepatitis C virus (HCV) proteose inhibitors and non-nucleoside reverse transcriptose inhibitors slignificant changes (increase or decrease) in the plasma concentrations of estrogen and progestin have been noted in some cases of co-administration with HIV/HCV proteose inhibitors or with non-nucleoside reverse transcriptose inhibitors.

Antibiotics: There have been reports of pregnancy while taking hormonal contraceptives and antibiotics, but clinical pharmacolinetic studies have not shown consistent effects of antibiotics on plasma concentrations of synthetic steroids.

7.2 Effects of Combined Oral Contraceptives on Other Drugs

COCs containing EE may inhibit the metabolism of other compounds. COCs have been shown to significantly decrease plasma concentrations of lamoritgine, likely due to induction of lamoritgine glucurondidion. This may reduce seizure control; therefore, dosage adoptiments of lamoritgine may be recessary. Consult the labeling of the concurrently-used drug to obtain further information about interactions with COCs or the potential for enzyme alteractions.

COCs Increasing the Plasma Concentrations of CVP450 Enzymes: In clinical studies, administration of a hormonal contraceptive containing Ex did not lead to any increase or only to a weak increase in plasma concentrations of CVP3A4 substrates (e.g., midazolam) while plasma concentrations of CVP3C19 substrates (e.g., midazolam) while plasma concentrations of CVP3C19 substrates (e.g., deep concentrations of CVP3C19 substrates (e.g., the concentrations of CVP3C19

Clinical studies did not indicate an inhibitory potential of DRSP towards human CYP enzymes at clinically relevant concentrations [see Clinical Pharmacology (12.3)].

Women on thyroid hormone replacement therapy may need increased doses of thyroid hormone because serum concentration of thyroid-binding globulin increases with use of COCs.

Potential to Increase Serum Potassium Concentration: There is a potential for an increase in serum potassium concentration in women taking drospirenone and ethinyl estradiol tablets with other drugs that may increase serum potassium concentration [see Warnings and Precautions (5.2) and Clinical [see Warnings and See Wa ncrease serum po macology (12.3)].

7.3 Concomitant Use with HCV Combination Therapy - Liver Enzyme Elevation

Do not co-administer drospirenone and ethinyl estradiol tablets with HCV drug combinations contain ombitasvir/pariaprevir/ritonavir, with or without dasabuvir, due to potential for ALT elevations [see Warninos and Percoutions (5.5)].

7.4 Interference with Laboratory Tests

A Interrence with Laboratory 1ests

The use of contraceptive steroids my influence the results of certain laboratory tests, such as coagulation factors, lipids, glucose tolerance, and binding proteins. DRSP causes an increase in plasma retain activity and plasma aldosterone induced by its mild anti-mineralocorticoid activity. [See Warmings and Precuations 2.12] and Drug Interractions (7:23).

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

8.1 Pregnancy
There is linie or no increased risk of birth defects in women who inadvertently use COCs during early pregnancy. Epidemiologic studies and meta-analyses have not found an increased risk of genial or moientable thickets (including cardials canonilies and linit-re-descinaderless) following exposure to require the reduction of the collowing exposure to the contract of the co

8.3 Nursing Mothers

When possible, advise the nursing mother to use other forms of contraception until she has weaned her child. Estrogen-containing COCs can reduce milk production in breastfeeding mothers. This is less likely to occur once breastfeeding is well-established, however, it can occur at any time in some women. Small amounts of oral corraceptive steroids and/or metabolise are present in breast milk.

After oral administration of 3 mg DRSP0.03 mg EE tables, about 0.02% of the DRSP dose was excreted into the breast milk for postpartum women within 24 hours. This results in a maximal daily dose of about 0.003 mg DRSP in an infant.

8.4 Pediatric Use

Safety and efficacy of drospirenone and ethinyl estradiol tablets has been established in women of reproductive age. Efficacy is expected to be the same for postpuberral adolescents under the age of 18 and for users 18 years and older. Use of this product before menarche is not indicated.

8.5 Geriatric Use

Drospirenone and ethinyl estradiol tablets have not been studied in postmenopausal women and are not indicated in this population.

8.6 Patients with Renal Impairment

Drospirenone and ethinyl estradiol tablets are contraindicated in patients with renal impairment [see Contraindications (4) and Warnings and Precautions (5.2)].

Consummanos explain writings and Precuration (2-1):
In subjects with creating clearance (CCLT) of 30–79 mL/min, serum DRSP levels were comparable to those in a control group with CLC. 80 mL/min in subjects with CLC of 30–49 mL/min, serum DRSP properties of the control of the

8.7 Patients with Hepatic Impairment

Drospirenone and ethinyl estradiol tablets are contraindicated in patients with hepatic disease [see Contraindications (4) and Warimage and Precountions (5.4)]. The mean exposure to DRSP in women moderate liver impairment is approximately there times higher than the exposure in women with liver function. Drospirenone and ethinyl estradiol tablets have not been studied in women with see hepatic impairment.

No clinically significant difference was observed between the pharmacokinetics of DRSP or EE in Japanese versus Caucasian women (see Clinical Pharmacology (12.3)).

There have been no reports of serious ill effects from overdose, including ingestion by children. Overdosage may cause withdrawal bleeding in females and nausea.

DRSP is a spironolactone analogue which has anti-mineralocorticoid properties. Serum concentration of potassium and sodium, and evidence of metabolic acidosis, should be monitored in cases of

Drospirenone and ethinyl estradiol tablets contain 24 round pink tablets, and 4 round white tablets in a blister card (NDC 75834-116-84). Each pink tablet (debossed with "23" on one side) contains 3 mg drospirenone (DRSP) and 0.02 mg ethinyl estradiol (EE). Each white tablet (debossed with "P" on one side and "X" on the other side) contains inert ingredients.

suce ain 2.7 on mo other isos) contains usert ingredients.

The inactive ingredients in the pink tables are distullment individe, macrogol/PEG 3350 NF, talc, lecithin (soya), polyvimyl alcohol, into noxide yellow, FD&C Vellow 68, FD&C Blue 82, FD&C Red#40, polyviorhae 80, lactose monohydram, reginestum steamate and pregelatinized starch.

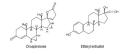
The inert film coated tables to oratin titanium dioxide, polydexrose, hypromellose, triaceduply polythelying et yoch, lactose monohydram, reginestum steamate and pregelatinized com starch.

Drospiremon(6R,7R,8R,9S,10R,13S,14S,15S,16S,17S)-1,3,4',6,6a,7,9,9,10,11,12,13,14',15,16,16-headacchydro-1,3-dimehylyspier (17H-dicyclopopo-16,715,16) (cylorealjajbenantives).

17.2(GH) Furan 3-3(CH)-dimen is a synthetic progesational compound and has a molecular weight of 368.5 and a molecular formale of C₂14²3₂45.

Ethinyl estradiol (19-nor-17 alpha-pregna 1,3,5(10)-triene-20-yne-3, 17-diol) is a synthetic estro compound and has a molecular weight of 296.4 and a molecular formula of C₂₀H₂₄O₂.

The structural formulas are as follows



12 CLINICAL PHARMACOLOGY

COCs lower the risk of becoming pregnant primarily by suppressing ovulation. Other possible mechanisms may include cervical mucus changes that inhibit sperm penetration and the endome changes that reduce the likelihood of implantation.

12.2 Pharmacodynamics

Drospirenone is a spironolactone analogue with anti-mineralocorticoid and antiandrogenic activity. The estrogen in drospirenone and ethinyl estradiol tablets is ethinyl estradiol.

Contraception

Two studies evaluated the effect of 3 mg DRSP / 0.02 mg EE combinations on the suppression of ovarian activity as assessed by measurement of folicles size via transvaginal ultrasound and serum hormore (progesterone and extradiol) analyses during how to reatiment cycles (2-1d-up active tablet period plus 7-day pill-free period). More than 90% of subjects in these subtless demonstrated ovaluation inhibition. One study compared the effect of 3 mg DRSPs 0.02 mg EE combinations with two different regimens (24-day active tablet period plus 4-day pill-free period vs. 21-day active tablet period plus 4-day pill-free period vs. 21-day active tablet period plus 7-day pill-free period on the suppression of ovarian activity during no reament cycles. During the tenantic cycle, there were no subject (0.049, 0%) taking the 24-day regimen who ovaluated compared to a tablet (167). 2-30 juding the 2-day regimen After intensionally introduced dosing errors (3 raissed active the or nDsys to 5-30 dating the second reament critical versus as subject (147, 2-86) taking the 24-day regimen who ovaluated compared to 4 subjects (458, 8%) using the 21-day regimen who ovaluated compared to 4 subjects (458, 8%) using the 21-day regimen who ovaluated compared to 4 subjects (458, 8%) using the 21-day regimen who ovaluated compared to 4 subjects (458, 8%) using the 21-day regimen who ovaluated compared to 4 subjects (458, 8%) using the 21-day regimen.

Acre vulgaris is a skin condition with a multifactorial etiology including androgen stimulation of sebum production. While the combination of Et and DRSP increases sex hormone binding globulin (SHBG) and decreases fire settionship between these changes and a decrease in the severity of facial acre in otherwise healthcome with the six six condition has not been established. The impact of the aniandrogenic activity of DRSP on acre is not known.

12.3 Pharmacokinetics

ANOSIQUIOUS. The absolute bioavailability of DRSP from a single entity tablet is about 76%. The absolute bioavailability of EE is approximately 40% as a result of presystemic conjugation and first-pass metabolism. The aboute bioavailability of drospinerone and ethiply estradiol tablets, which is a combination tablet of DRSP and EE, has not been evaluated. Serum concentrations of DRSP and EE reached peak levels within 1-2 bours after administration of drospinerone and entityle seruadio tablet. The pharm collegies of DRSP and ose proportional following sigle doses ranging from 1-bl mg. Following siley doses admit size and the size of the size

For EE, steady-state conditions are reported during the second half of a treatment cycle. Following daily administration of drospirenone and ethinyl estradiol tablets, serum C_{\max} and AUC (0–24h) values of EE accumulate by a factor of about 1.5 to 2 (see Table 2).

Table 2: Pharmacokinetic Parameters Of Drospirenone and Ethinyl Estradiol Tablets (DRSP 3 mg and EE 0.02 mg)

		DRS	SP .		
Cycle / Day	No. of Subjects	C _{max} a (ng/mL)	T _{max} b (h)	AUC(0-24h)a (ng•h/mL)	t _{1/2} a (h)
1/1	23	38.4 (25)	1.5 (1-2)	268 (19)	NAc
1/21	23	70.3 (15)	1.5 (1-2)	763 (17)	30.8 (22)
	•	EF			
Cycle / Day	No. of Subjects	C _{max} a (pg/mL)	T _{max} b (h)	AUC(0-24h)a (pg·h/mL)	t _{1/2} a (h)
1/1	23	32.8 (45)	1.5 (1-2)	108 (52)	NAc
1/21	23	45.1 (35)	1.5 (1-2)	220 (57)	NAc

a) geometric mean (geometric coefficient of variation)

b) median (range) c) NA = Not available

Food Effect

The rate of absorption of DRSP and EE following single administration of a formulation similar to drospitenome and ethinyl estradiol tablets was slower under fed (high far meal) conditions with the serum C_{max} being reduced about 40% for both components. The extent of absorption of DRSP, however, remained unchanged. In contrast, the extent of absorption of EE was reduced by about 20% under fed conditions.

DRSP and EE serum concentrations decline in two phases. The apparent volume of distribution of DRSP is approximately 4 L/kg and that of EE is reported to be approximately 4-5 L/kg. DRSP does not bind o SHBG or contoscered binding globulin (CBG) but binds about 97% to other serum problem. Multiple dosing over 2 cycles resulted in no change in the free fraction fos measured at rough concernations, EE is reported to be highly but non-pecifically bound to serum albumin (approximately 98.5 %) and induces an increase in the serum concernations of both SHBG and CBG. EE induced effects on SHBG and CBG were not affected by variation of the DRSP dosage in the range of 2 to 3 mg.

The two main metabolites of DRSP found in human plasma were identified to be the acid form of DRSP generated by opening of the lactone ring and the 4.5-dihydrodrospirenone-3-sulfate, formed by reduction and subsequent sulfation. These metabolites were shown not to be pharmacologically active. Drospirenone is also subject to oxidative metabolism catalyzed by CYP3A4.

EE has been reported to be subject to significant gut and hepatic flirst-pass metabolism. Metabolism of EE and its oxidative metabolism core primarily by conjugation with glucuroride or suffice. CVP3A4 in the liver is responsible for the 2-hydroxylation which is the major oxidative reaction. The 2-hydroxy metabolise is further transformed by methylation and glucuroridation prior to unitary and fecal exerction.

Excretion

Excretion
DRSP serum concentrations are characterized by a terminal disposition phase half-life of approximately 30 hours after both single and multiple dose regimens. Excretion of DRSP was nearly complete after ten days and amounts excreted were slightly higher in fectes compared to unite. DRSP was extensively metabolized and only trace amounts of unchanged DRSP were excreted in urine and feecs. At least 20 different metabolises were observed in unite and seeds and sealing the regimen of the service of the ser

ginculouses and surfaces.

For EE the terminal disposition phase half-life has been reported to be approximately 24 hours. EE is not excreted unchanged. EE is excreted in the urine and feces as glucuronide and sulfate conjugates and undergoes enterohepatic circulation.

Use in Specific Populations

Ose in Specific regulations

Pediatric Use: Safety and efficacy of drospirenone and ethinyl estradiol tablets has been established in women of reproductive age. Efficacy is expected to be the same for postpubertal adolescents under the age of 18 and for users 18 years and older. Use of this product before menarche is not indicated.

Geriatric Use: Drospirenone and ethinyl estradiol tablets have not been studied in postmenopausal women and are not indicated in this population.

Recro No clinically significant difference was observed between the pharmacokinetics of DRSP or EE in Japanese versus Caucasian women (age 25-35) when 3 mg DRSP0.02 mg EE was administered daily for 21 days. Other ethnic groups have not been specifically studied.

Renal Impairment: Drospirenone and ethinyl estradiol tablets are contraindicated in patients with renal impairment.

impairmer.

The effect of renal impairmers on the pharmicolainetics of DRSP (3 mg daily for 14 days) and the effect of DRSP on serum potassium concentrations were investigated in three separate groups of female subjects (n°-20, age 30–65, All subjects were on a low potassium(els. During the study, 7 subjects continued the use of potassium-sparing drugs for the reatment of their underlying illness. On the 14th day (steady-study of DRSP presument, be serum DRSP concentrations they group with CLL or 50 mL/min. The serum DRSP concentrations were on average 37% higher in the group with CLL or 50 mL/min. The serum DRSP concentrations were on average 37% higher in the group with CLL or 50 mL/min compared to those in the control group. DRSP treatment did not show any clinically significant effect on serum subjects who continued use of postassium-sparing drugs during the study, mean serum potassium concentrations increased by up to 0.33 mEq.L. [See Contraindications (4) and Warnings and Precautions (5-2)]. (5.2).]

Hepatic Impairment: Drospirenone and ethinyl estradiol tablets are contraindicated in patients with hepatic disease.

The mean exposure to DRSP in women with moderate liver impairment is approximately three times higher than the exposure in women with normal liver function. Drospirenone and ethinyl estradiol tablets have not been studied in women with severe hepatic impairment. [See Contraindications (4) and Warnings and Precaudions (3.4).]

Consult the labeling of all concurrently used drugs to obtain further information about interactions with oral contraceptives or the potential for enzyme alterations.

oral contraceptives or the potential for enzyme alterations. Effects of Other Drugs on Combined Orol Contraceptives
Substances diminishing the efficacy of COCsc Drugs or betall a products that induce cortain enzymes,
including CPPAA, may decrease the effectiveness of COCs or increase breakthrough bleeding.
Substances increasing the plasma concentrations of COCsc Co-administration of acrossortia and certain
COCsc containing Enterness AUC where for ED by approximately 20th. Sociothe cold and
acetaminophen may increase plasma EE concentrations, possibly by inhibition of conjugation. In a
clinical drug-drug interaction study conducted in 20 percentepassaal vomers, co-administration of a
DRSP (a myEE (0.2 mg) COC with the strong CYPAA4 tinhibitor bencomazole (200 mg wrice daily)
for 10 days increased the AUCG-24th of DSPS and EE Ly 28-Bel old (090 K; C 1.44, 255) and 14fold (090 K; C 1.13), 1.49) of DRSP and EE, respectively. The incitically relevant effects

on safety or laboratory parameters including serum potassium were observed, this study only ass subjects for 10 days. The clinical impact for a patient taking a DRSP-containing COC concomita with chronic use of a CYP3A4/5 inhibitor is unknown [see Warnings and Precautions (5.2)].

uniscipase miniouss.

Antibiotics: There have been reports of pregnancy while taking hormonal contraceptives and antibiotics, but clinical pharmacokinetic studies have not shown consistent effects of antibiotics on plasma concentrations of synthetic steroids.

Effects of Combined Oral Contraceptives on Other Drugs

Effects of Combined Oral Contracequives on Other Drugs

COCs containing E. Emy inhibit the metholication of other compounds. COCs have been shown to
significantly decrease plasma concernations of Immortigine, likely due to Indiction of Immortigine
glucuronidation. This may reduce settine control: therefore, dosage adjustments of Immortigine may be
necessary. Consult the labeling of the concurrently-used drug to obtain further information about
interactions with COCs or the potential of or engume alteractions. PIA2 as well as a mechanism-base
inhibitor of CVPPA46, CVPP2CA, and CVPPAA1 and CVPIA2 as well as a mechanism-base
inhibitor of CVPPA46, CVPP2CA, and CVPPAA1, and potential effects of DRSP on
hepatic CVP enzymes have been investigated in in vitro and in vito studies. In it vitro studies DRSP did
narrower of model substrates of CVPIA1, CVPP2CO, VPPCD, and CVPPAA1, with CVPP2CD being the
most sensitive enzyme. The potential effect of DRSP on CVPP2C19 genotype and 12 voones with
homeocompositive enzymes. The potential effect of DRSP on CVPP2C19 genotype and 12 voones with
homeocompositive enzymes. The open of the properties of the properties of the potential effect of DRSP on CVPP2C19 genotype and 12 voones with
homeocompositive enzymes. The potential effect of DRSP on the systemic clearace of the CVPP3A4
on whomeocompositive enzymes. The composition of the properties of the days during
one properties of the properties of the

Two additional clinical drug-drug interaction studies using sinvastatin and midazolamas marker substrates for CYP3A4 were each performed in 24 healthy postmeropausal women. The results of these studies demonstrated that pharmocolaretics of the CYP3A4 substrates were not influenced to steady state DRSP concentrations achieved after administration of 3 mg DRSP/day.

Women on thyroid hormone replacement therapy may need increased doses of thyroid hormone because serum concentration of thyroid-binding globulin increases with use of COCs.

Interactions With Drugs That Have the Potential to Increase Serum Potassium Concentration: There is a potential for an increase in serum potassium concentration in women taking drospirenone and ethiny! settadoic tables, with other drugs that may increase serum potassium concentration [see Wormings and

Precourions (5.2)). A drug-drug interaction study of DRSP 3 mg/estradiol (£2) 1 mg versus placebo was performed in 24 mildly hypertensive postmeropausal women using enalapril maleate 10 mg twice daily. Potassium concentrations were obtained every other day for a total of 22 weeks in all subjects. Mean serium potassium concentrations in the DRSPSE treatment group relative to baseline were 0.22 mEg/L higher about the object of the properties of the properties

13.1 Latrusquenes, sunqueness, impartment or reruny
10.23 and 10 + 0.1 mg/kg/day O RSP alone or 1 + 0.01, 3 +
0.03 and 10 + 0.1 mg/kg/day O RSP and EE, 0.1 to 2 times the exposure (AUC of DRSP) of women
10.24 month of the control o

14 CLINICAL STUDIES

14.1 Oral Contraceptive Clinical Trial

14.1 Ord Contraceptive Clinical Trial in the primary contraceptive Hinchical Trial in the primary contraceptive efficacy study of drospirenone and ethinyl estradiol tables (3 mg DRS/90.02 mg EE) of up to 1 year duration, 1,027 subjects were excilled and completed 11,480 28-day cycles of use. The age range was 17 0.58 years. The racid demographic was 87.8% Claucasian, 4.5% Hispanic, 4.3% Black, 1.2% Asian, and 2.1% other. Women with a BMI greater than 35 were excluded from the rial. The pregnancy rate (Pearl Index) was 1.41 (25% Cl (1.07.3, 247) per 100 worms-year of use based on 12 pregnancies that occurred after the onset of treatment and within 14 days after the last does of drospirenom and ethinyl estradol tables in women 35 years of age or younger during cycles in which no other form of contraception was used.

14.2 Premenstrual Dysphoric Disorder Clinical Trials

14.2 Premestraal Dsyphoric Disorder Clinical Trials.

Two milicener, double-blint, andomized, placeho-controlled studies were conducted to evaluate the effectiveness of drospirenone and ethingle estandio tables in treating the symptoms of PMDD. Women aged 18-42 who net DSM-IV criteria for PMDD, confirmed by prospective daily ratings of their symptoms, were errolled. Both studies measured the treatment effect of drospirenone and ethiny is estandio tables using the Daily Record of Severity of Problems cacle, a patient-rand instrument that group design that included 384 evaluable reproductive-aged women with PMDD who were another group design that included 384 evaluable reproductive-aged women with PMDD who were natural cycles. The supportive study, a crossover design, was terrainated prematurely prior to achieving recruitment goals due to enrollment difficulties. A total of 46 women of reproductive age with PMDD were neared initially with desoptiveness and ething estandio tables or placebe for up of 5 cycles (Disored) by a weaking of the desired and the productive age with PMDD were productive age with PMDD were neared initially with desoptiveness and ething estandio tables or placebe for up of 5 cycles.

followed by a washout cycle and then crossed over to the alternate medication for 3 cycles. Efficacy was assessed in both sudies by the change from baselite during restrumer using a scoring system based on the first 21 lems of the Daily Record of Severity of Problems. Each of the 21 lem was rated on a scale from 1 (not at all 10) 6 (externey), thus a maximum score of 126 was possible, how both trials, women who received drospiterone and ethinyl estradiol tablets had statistically signific; greater improvement in their Daily Record of Severity of Problems corest, in the primary study, have average decrease (improvement) from baseline was 37.5 points in women taking drospiterone and ethinyl estanda to these, compared to 30 points in vorone taking drospiterone and

In two multicemer, double-blind, randomizzed, placebo-controlled studies, 889 subjects, ages 14 to 45 years, with moderate acre received drospirenone and ethinyl estradiol tublets or placebo for six 28-day cycles. The primary efficacy endpoints were the percent change in inflammatory lesions, not make the process of the

Table 3: Efficacy Results for Acne Trials*

	Table 3. Ellicacy Results for Act	ie i i iais			
	Study 1	Study 2			
	Drospirenone and ethinyl estradiol tablets N=228	Placebo	Drospirenone and ethinyl estradiol tablet N=218	Placebo	
		N=230		N=213	
ISGA Success Rate	35 (15%)	10(4%)	46(21%)	19(9%)	
Inflammatory Lesions					
Mean Baseline Count	33	33	32	32	
Mean Absolute (%) Reduction	15 (48%)	11 (32%)	16(51%)	11(34%)	
Non-					
inflammatory Lesions Mean Baseline Count		47	44	44	
Mean Absolute (%) Reduction	18 (39%)	10 (18%)	17(42%)	11(26%)	
Total Lesions					
Mean Baseline Count	80	80	76	76	
Mean Absolute (%) Reduction	33 (42%)	21(25%)	33(46%)	22(31%)	

^{*} Evaluated at day 15 of cycle 6, last observation carried forward for the Intent to treat population

 Seeger, J.D., Loughlin, J., Eng, P.M., Clifford, C.R., Cutone, J., and Walker, A.M. (2007). Risk of thromboembolism in women taking ethinylestradiol/drospirenone and other oral contraceptives. Obstet thromboembolism in wome Gynecol 110, 587-593.

Option 110, 307-393.

Dinger, J.C., Heinemann, L.A., and Kuhl-Habich, D. (2007). The safety of a drospirenone-containing oral contraceptive: final results from the European Active Surveillance Study on oral contraceptives based on 142,475 women-years of observation. Contraception 75, 344-354.

3.Combined hormonal contraceptives (CHCs) and the risk of cardiovascular endpoints. Sidney, S. (primary author), http://www.fda.gov/downloads/Drugs/DrugSafety/UCM277384.pdf, accessed Oct 27, 2011.

4.Lidegaard, O., Lokkegaard, E., Svendsen, A.L., and Agger, C. (2009). Hormonal contraception and risk of venous thromboembolism: national follow-up study. BMJ 339, b2890.

risk of venous thromboembolism national follow-up study, BMI 339, b2890.

S.Lidegaard, O., Nielsen, L.H., Sabviand, C.W. Sjeldedsaad, F.E., and Lokkegaard, E. (2011), Risk of venous thromboembolism from use of oral contraceptives containing different progestogens and oestrogen doses: Danish cohorts study, 2001-9. BMI 334, 6423.

6.van Hylctam Vileg. A. Helmerhors, F.M., Vandenbroucke, J.P., Doggen, C.J., and Rosendaal, F.R. (2009). The venous thrombolic risk of oral contraceptives, effects of oestrogen dose and progestoger type: results of the MEGA case-control study. BMI 339, 62921.

type: results of the MELAC case-control study, BMJ 339, D2921.

"Dilinger, J., Saximan, A., Mohner, S., and Minh, T.D. (2010). Risk of venous thromboembolism and the use of dienogest-and drospirenorse-containing oral contraceptives: results from a German case-control study. J Fam Plant Reprod Health Care 58, 123-129.

B.Isck, S.S., and Herrander, R.K. (2011). Risk of non-fatal venous thromboembolism in women using oral contraceptives containing dospirenose compared with women using oral contraceptives containing dospirenose compared with women using oral contraceptives containing dospirenose compared with women using oral contraceptives containing levonorgestrel: case-control study using United Stores claims data, BMJ 342, 42151.

9.Parkin, L., Sharples, K., Hernandez, R.K., and Jick, S.S. (2011). Risk of venous thromboembolism in users of oral contraceptives containing drospirenone or levonorgestrel: nested case-control study based on UK General Practice Research Database. BMJ 342, d2139.

16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied

Drospirenone and ethinyl estradiol tablets contain 28 tablets in a blister card (NDC 75834-116-84). Each blister card contains, in the following order, 24 pink tablets and 4 white tablets. Each broand, blictonews, pink tablet (feboosed with 75° on ones slee) contains 3 mg drospitemer (DRSP) and 0.0 2 mg ethinyl estradiol (EE). Each round, blconwex, white tablet (feboosed with 75° on one side and 75° on the other side) contains intert ingredients.

Drospirenone and ethinyl estradiol tablets are available in the following packaging configuration

Carton of 3 blister cards NDC 75834-116-29

16.2 Storage

ore at 20° to 25°C (68° to 77°F).[See USP Controlled Room Tempe

17 PATIENT COUNSELING INFORMATION

- 17 PATIENT COUNSELING INFORMATION

 Advise the patient to read the FDA-approved patient labeling (Patient Information).

 Counsel patients that cigarrees modifing increases the risk of serious cardiovascular events from CDC use, and that women who are over 55 years old and smole should not use CDCs.

 Counsel patients that the increased risk of VTE compared to mon-tested CDCs is greatest after different CDC.

 Counsel patients about the information regarding the risk of VTE with DRS-croatining CDCs compared to CDCs that contain levonorgestrel or some other propestins.

 Counsel patients about the information regarding the risk of VTE with DRS-croatining CDCs.

 Counsel patients that drospiterons and ethingly estandiol tables do not protect against HIV-infection (AIDS) and other sexually transmitted diseases.

 Counsel patients that drospiterons and ethingly estandiol tables contain IDSSP. Drospiterons may be compared to CDC and the contained that the contained the contained that th

- Coursel patients to use a back-up or atternance instances.
 Coursel patients who are breastfeeding or who desire to breastfeed that COCs may reduce breast milk production. This is less likely to occur if breastfeeding is well established.
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Manufactured for: Nivagen Pharmaceuticals, Inc

Sacramento, CA 95827

Toll Free 1-877-977-0687

Manufactured by: Novast Laboratories Ltd.

Nantong, China 226009

FDA Approved Patient Labeling

Guide for Using Drospirenone and Ethinyl Estradiol Tablets

WARNING TO WOMEN WHO SMOKE
[Ib) not use drospirenore and ethinyl estradiol tables, if you smoke cigarettes and are over 35 years old, Smoking increases your risk of serious cardiovascular side effects (heart and blood vessel problems) from birth control pills, including death from heart attack, blood closs or stroke. This risk increases with age and the number of cigarettes you smoke.

Birth control pills help to lower the chances of becoming pregnant when taken as directed. They do not protect against HIV infection (AIDS) and other sexually transmitted diseases.

What are Drospirenone and Ethinyl Estradiol Tablets?

Transact artistic properties and activity activity activity and activity and activity activity activity activity activity and activity and activity activity activity activity activity activity and activity and activity activity

•NSAIDs (ibuprofen [Motrin, Advil], naproxen [Aleve and others] when taken long-term and daily fo treatment of arthritis or other problems)

- Potassium-sparing diuretics (spironolactone and others)
- · ACE inhibitors (Capoten, Vasotec, Zestril and others)
- Angiotensin-II receptor antagonists (Cozaar, Diovan, Avapro and others)

Aldosterone antagonists

•Aldosterone attagonists
Drospirencem and ellunja estradiol tablets may also be taken to treat premenstrual dysphoric disorder (PMDD) If you choose to use the Pill for birth corrol. Utless you have already decided to use the Pill for birth corrol, you should not start drospirencem and elminy lest radiol tablets to treat your PMDD because there are other medical therapies for PMDD that do not have the same risks as the Pill. PMDD not the properties of the PMDD that do not have the same risks as the Pill. PMDD or visit is a subscripted and properties of the PMDD that do not have the same risks as the Pill. PMDD or visit has subscripted all exities and relationships with others. Symptomic include markedly depressed mood, anxiety or tension, mood swings, and persistent anger or irricability. Other features include decreased interest insusal activities, affecting-top concerning, lack of one regy, change in appetite or sleep, and feeling out of corrol. Physical symptoms associated with PMDD may include breast tenderness, headedle, point and marked paint holoning and veiled pain. These symptoms concernegularly enderess, beautiful, point and marked point holoning and veiled paint These symptoms corregularly bending the properties.

You should only use drospirenone and ethinyl estradiol tablets for treatment of PMDD if you:

- Have already decided to use oral contraceptives for birth control, and
 Have been diagnosed with PMDD by your healthcare provider.

*Notes the challenge provider says it is safe for you to use drospirence and ethinje estadiol tables.

*Notes the challenge provider says it is safe for you to use drospirence and ethinje estadiol tables.

- You are at least 14 years old.
- You have started having menstrual periods.

 You want to use a birth control pill to prevent pregnancy
- How Well Do Drospirenone and Ethinyl Estradiol Tablets Work?

Your chance of getting pregnant deepends on how well you follow the directions for taking your birth control pills. The better you follow the directions, the less chance you have of getting pregnant. Based on the results of one clinical study, 1 to 2 women out of 100 women, may get pregnant during the first year they use drospiterome and ethingly estradiol tablets.

The following chart shows the chance of getting pregnant for women who use different methods of birth control. Each box on the chart contains a list of birth control methods that are similar in effectiveness. The must effective methods are at the top of the chart. The box on the bottom of the c shows the chance of getting pregnant for women who do not use birth control and are trying to get pregnant.



How Do I Take Drospirenone and Ethinyl Estradiol Tablets?

1. Be sure to read these directions before you start taking your pills or anytime you are not sure what

2. The right way to take the pill is to take one pill every day at the same time in the order directed on the package. Preferably, take the pill after the evening meal or at bedtime, with some liquid, as needed. Drospirenone and Ethinyl Estradiol Tablets can be taken without regard to meals.

If you miss pills you could get pregnant. This includes starting the pack late. The more pills you miss the more likely you are to get pregnant. See "WHAT TO DO IF YOU MISS PILLS" below. Many women have spotting or light bleeding at unexpected times, or may feel sick to their stomach during the first 1-3 packs of pills.

If you do have sporting or light bleeding or feel sick to your stomach, do not stop taking the pill. The problem will usually go away. If it does not go away, check with your healthcare provider.

4. Missing pills can also cause spotting or light bleeding, even when you make up these missed pills.

On the days you take two pills, to make up for missed pills, you could also feel a little sick to your stomach.

5. If you have vomiting (within 3 to 4 hours after you take your pill), you should follow the instructions for "WHAT TO DO IF YOU MISS PILLS." If you have diarrhea or if you take certain medicines, including some antibiotics and some herbal products such as St. John's Wort, your pills may not work as well.

Use a back-up method (such as condoms and spermicides) until you check with your he provider.

If you have trouble remembering to take the pill, talk to your healthcare provider about how to make pill-taking easier or about using another method of birth control.

If you have any questions or are unsure about the information in this leaflet, call your healthcare provider.

Before You Start Taking Your Pills

Decide What Time of Day You Want to Take Your Pill

1. Decine What I time of Day You Want to I saw Your Pill It is important to take dospirenone and ethinyl estradiol Tablets in the order directed on the package at the same time every day, preferably after the evening meal or at bedfime, with some liquid, as needed. Drospirenone and ethinyl estradiol tablets can be taken without regard to meals.

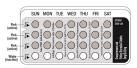
2. Look at Your Pill Pack - It has 28 Pills

The drospirenone and ethinyl estradiol tablets -pill pack has 24 pink pills (with hormones) to be taken for 24 days, followed by 4 white pills (without hormones) to be taken for the next four days.

3. Also look for:

a) Where on the pack to start taking pills.

b) In what order to take the pills (follow the arrows)



*For use of Day Label Stickers, See When to Start the First Pack of Pills below.

4. Be sure you have ready at all times (a) another kind of birth control (such as condoms and spermicides) to use as a back-up in case you miss pills, and (b) an extra, full pill pack.

You have a choice for which day to start taking your first pack of pills. Decide with your healthcare provider which is the best day for you. Pick a time of day which will be easy to remember.

On the first day your period (see Dely 1 START and SUDNAY START healtow), peel the day labe from the sicker sheet which has the corresponding start day of your period printed on the left; Line V/OUR Start day with the Days' imprinted on on the compact affirmly press day label over the perprint days of the week on the compact. Take your pill daily in the order indicated by the arrows on the bils confidence of the property of

Take the first pink pill of the pack during the first 24 hours of your period.

2. You will not need to use a back-up method of birth control, since you are starting the Pill at the beginning of your period. However, if you start drospirenone and ethinyl estradiol tablets later than the first day of your period, you should use another method of birth control (such as a condom and spermicide) as a back-up method until you have taken 7 pink pills.

Sunday Start:

Take the first pink pill of the pack on the Sunday after your period starts, even if you are still bleeding. If your period begins on Sunday, start the pack that same day.

2. Use another method of birth control (such as a condom and spermicide) as a back-up method if you have sex anytime from the Sunday you start your first pack until the next Sunday (7 days). This also applies if you start drospirenone and ethinyl estradiol tablets after having been pregnant, and you have not had a period since your pregnancy.

When You Switch From a Different Birth Control Pill

When switching from another birth control pill, drospirenone and ethinyl estradiol tablets should be started on the same day that a new pack of the previous birth control pill would have been started.

When You Switch From Another Type of Birth Control Method

When switching from a transdermal patch or vaginal ring, dospiterone and ethinyl estradiol tablets should be started when the next application would have been due. When switching from an injection, drospiterone and entinyl estradiol tablets should be started when the next does would have been due. When switching from an intrauterine contraceptive or an implant, drospiterone and ethinyl estradiol tablets should be started on the day of removal.

What to Do During the Month

Do not skip pills even if you are spotting or bleeding between stomach (nausea).

Do not skip pills even if you do not have sex very often.

When you finish a pack of pills, start the next pack on the day after your last white pill. Do not wait any days between packs.

What to Do if You Miss Pills

If you miss 1 pink pill of your pack

Take it as soon as you remember. Take the next pill at your regular time. This means you may take
two pills in one day.

You do not need to use a back-up birth control method if you have sex.

If you miss 2 pink pills in a row in Week 1 or Week 2 of your pack:

Take two pills on the day you remember and two pills the next day

Then take one pill a day until you finish the pack.
 You could become pregnant if you have sex in the 7 days after you restart your pills. You must use another birth control method (such as a condom and spermicide) as a back-up for those 7 days.

If you miss 2 pink pills in a row in Week 3 or Week 4 of your pack:

1. If you are a Day 1 Starter:

Throw out the rest of the pill pack and start a new pack that same day

If you are a Sunday Starter:

If you are a Sunday Starter:

Keep taking one pill every day until Sunday. On Sunday, throw out the rest of the pack and start a new pack of pills that same day.

You could become pregnant if you have sex in the 7 days after you restart your pills. You must use another birth control method (such as a condom and spermicide) as a back-up for those 7 days.

You may not have your period this month but this is expected. However, if you miss your period two months in a row, call your healthcare provider because you might be pregnant.

If you miss 3 or more pink pills in a row during any week: 1. If you are a Day 1 Starter:

Throw out the rest of the pill pack and start a new pack that same day.

If you are a Sunday Starter

Keep taking 1 pill every day until Sunday. On Sunday, throw out the rest of the pack and start a new pack of pills that same day.

You could become pregnant if you have sex in the 7 days after you restart your pills. You must use another birth control method (such as condoms and spermicides) as a back-up for those 7 days.

Call your healthcare provider if you miss your period, because you might be pregnant.

- Tyou miss any of the 4 white pills in Week 4:
 Throw away the pills you missed.
 Keep taking one pill each day until the pack is empty.
 You do not need a back-up method.

Finally, if you are still not sure what to do about the pills you have missed:

• Use a back-up method (such as condoms and spermicides) anytime you have sex.

• Contact your healthcare provider and continue taking one active pink pill each day until otherwise directed.

WHO SHOULD NOT TAKE Drospirenone and Ethinyl Estradiol Tablets?

Your healthcare provider will not give you drospirenone and ethinyl estradiol tablets if you

- Ever had blood clots in your legs (deep vein thrombosis), lungs (pulmonary embolism), or eyes (retinal thrombosis)
- · Ever had a stroke · Ever had a heart attack

Have certain heart valve problems or heart rhythm abnormalities that can cause blood clots to form in the heart

- Have an inherited problem with your blood that makes it clot more than normal
- Have high blood pressure that medicine can't control
- · Have diabetes with kidney, eye, nerve, or blood vessel damage
- Ever had certain kinds of severe migraine headaches with aura, numbness, weakness or changes in
- · Ever had breast cancer or any cancer that is sensitive to female hormones

- · Have adrenal disease Also, do not take birth control pills if you

· Are or suspect you are pregnant

Birth control pills may not be a good choice for you if you have ever had jaundice (yellowing of the skin or eyes) caused by pregnancy (also called cholestasis of pregnancy).

Tell your healthcare provider if you have ever had any of the above conditions (your healthcare provider can recommend another method of birth control).

What Else Should I Know about Taking Drospirenone and Ethinyl Estradiol Tablets Birth control pills do not protect you against any sexually transmitted disease, including HIV, the virus that causes AIDS.

Do not skip any pills, even if you do not have sex often.

If you miss a period, you could be pregnant. However, some women miss periods or have light periods on birth control pills, even when they are not pregnant. Contact your healthcare provider for advice if

you:

- Think you are pregrant

- Miss one period and have not taken your birth control pills every day

- Miss two periods in a row

Birth control pills should not be taken during pregnancy. However, birth control pills taken by accident during pregnancy are not known to cause birth defects.

uning pregiunity are not shown to cause or not netects.

You should stop drospirenone and ethinyl estradiol tablets at least four weeks before you have majo surgery and not restart it until at least two weeks after the surgery due to an increased risk of blood clots.

If you are breastfeeding, consider another birth control method until you are ready to stop breastfeeding. Birth control pills that contain estrogen, like drospirenone and ethinjne estradiol tables may decrease the amount of milk you make. A small amount of the pill's hormones pass into breast mi If you have vomiting or diarrhea, your birth control pills may not work as well. Use another birth control method, like condoms and a spermicide, until you check with your healthcare provider.

If you are scheduled for any laboratory tests, tell your doctor you are taking birth-control pills. Certain

blood tests may be affected by birth-control pills.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins and herbal supplements.

Drospirenone and ethinyl estradiol tablets may affect the way other medicines work, and other medicines may affect how well drospirenone and ethinyl estradiol tablets work. Know the medicines you take.

Keep a list of them to show your healthcare provider and pharmacist when you get a new medicine

What are the Most Serious Risks of Taking Birth Control Pills?

what are the Most Serious Risks of Taking Birth Control Pills?

Like preganacy, birth control pills increase the risk of serious blood closs (see following graph), especially in women who have other risk factors, such as smoking, obesity, or age greater than 35. This increased risk is highest when you rist start taking birth control pills and when you resurt the same or different birth control pills after not using them for a month or more. Women who use birth control pills with drospirenone (like drospirenone and ethingly estradiol tables) may have a higher risk of getting a blood clos. Some studies reported that the risk of blood clos was higher for women who use birth control pills that contain drospirenone than for women who use birth control pills that contain drospirenone.

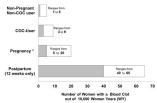
Talk with your healthcare provider about your risk of getting a blood clot before deciding which birth control pill is right for you.

It is possible to die or be permanently disabled from a problem caused by a blood clot, such as a heart attack or a stroke. Some examples of serious clots are blood clots in the:

- Legs (deep voint mornowiso or DVT)
- Lungs (pulmonary embolus or PE)
- Eyes (loss of eyesight)

To put the risk of developing a blood clot into perspective: If 10,000 women who are not pregnant and do not use birth control pills are followed for one year, between 1 and 5 of these women will develop a blood clot. The injure below shows the likelihood of clot for women blood clot for two women is the likelihood of clot women who are not pregnant and do not use birth control pills, for women who use birth control pills, for pregnant women, and for women in the first 12 weeks after delivering a bably.

Likelihood of Developing a Serious Blood Clot



* Pregnancy data based on actual duration of pregnancy in the reference studies, Based on a model assumption that pregnancy duration is nine months, the rate is 7 to 27 per 10,000 WY.

A few women who take birth control pills may get:
 High blood pressure
 Gallbladder problems
 Rare cancerous or noncancerous liver tumors

All of these events are uncommon in healthy women

- All of these events are uncommon in healthy women.

 Call your healthcare provider right away if you have:

 Persisten leg pain

 Sudden shortness of breath

 Sudden blindness, partial or complete

 Severe pain in your chest

 Sudden, severe headache utilike your usual headaches

 Weakness or numbress in an armor eleg, or trouble speaking

 Yellowing of the skin or eyeballs

What are the Common Side Effects of Birth Control Pills?

The most common side effects of birth control pills are:

Spotting or bleeding between menstrual periods

- Nausea
 Breast tenderness
 Headache

These side effects are usually mild and usually disappear with time.

Less common side effects are:

- Less common side effects are:

 Acne

 Less sexual desire

 Less sexual desire

 Bloating of Itudi reterriton

 Bloately darkening of the skin, especially on the face

 High bload sugar, especially in women who already have diabetes

 High fat (cholesterol: triglyceride) levels in the bload

 Depression, especially if you have and depression in the past. Call your healthcare provider immediately if you have any thoughs of harming yourself.

 Problems tolerating cortact lenses

 Weight changes

This is not a complete list of possible side effects. Talk to your healthcare provider if you develop any side effects that concern you. You may report side effects to the FDA at 1-800-FDA-1088. No serious problems have been reported from a birth control pill overdose, even when accidentally taken by children.

Birth control pills do not seem to cause breast cancer. However, if you have breast cancer now, or have had it in the past, do not use birth control pills because some breast cancers are sensitive to hormones.

Womenwho use birds control office. Womenwho use prints control pills may have a slightly higher chance of getting cervical cancer. However, this may be due to other reasons such as having more sexual partners. What Should I Know about My Period when Taking Drospirenone and Ethinyl Estradiol Tablets?

Tringular vaginableeding or sporting may occur while you are taking drospiermen and ethingly estradiol tables. Irregular valginableeding or sporting may occur while you are taking drospiermen and ethingly estradiol tables. Irregular bleeding may vary from slight staining between menstral periods so to breakdrough bleeding, which is a flow men this ae regular period. Irregular bleeding occurs most often during the first few months of oral courae-epitive use, but may also occur after you have been opposed to the state of the state of

Some women may not have a menstrual period but this should not be cause for alarm as long has you have taken the pills according to direction.

What if I Miss My Scheduled Period when Taking Drospirenone and Ethinyl Estradiol Tablets?

It is not uncommon to miss your period. However, It you miss two periods in a row or miss one period when you have not taken your birth coursol pills according to directions, call you head have provider. Also notify you healthcare provider. You have symptoms of pregnarcy such as morning sickness or unusual breast renderness. It is important that your healthcare provider checks you to find out if you are pregnant. Sop taking doosprenome and enlingly estandial tolkes if you are pregnant.

What If I Want to Become Pregnant?

You may stop taking the pill whenever you wish. Consider a visit with your healthcare provider for a pre-pregnancy checkup before you stop taking the pill.

General Advice about Drospirenone and Ethinyl Estradiol Tablets

Your healthcare provider prescribed drospirenone and ethinyl estradiol tablets for you. Please do not share drospirenone and ethinyl estradiol tablets with anyone else. Keep drospirenone and ethinyl estradiol tablets out of the reach of children.

If you have concerns or questions, ask your healthcare provider. You may also ask your healthcare provider for a more detailed label written for medical professionals.



Sacramento, CA 95827

Toll Free 1-877-977-0687 Manufactured by: Novast Laboratories Ltd.

Nantong, China 226009

Iss 11/2017

PACKAGE LABEL.PRINCIPAL DISPLAY PANEL

Drospirenone and Ethinyl Estradiol Tablets 3cycle carton

NDC 75834-116-29

This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against HIV infection (AIDS) and other sexually transmitted diseases.

Drospirenone and ethinyl estradiol tablets

3 mg /0.02 mg

3 Blister Cards of 28 Tablets each.



Product Informa	tion							
Product Type	HUM	MAN PRESCRIPTION DR	UG	Item C	ode (Source)	NDC	75834	-116
Packaging								
I tem Code 1 NDC:75834-116-84		Package Descrip		Marketin 08/15/2017	g Start Date	Marketi	ng En	d Date
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NDC:75834-116-29	3	in 1 CARTON in 1 BLISTER PACK)8/15/2017				
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Labeler - Nivagen Pharmaceuticals, Inc. (052032418)

Registrant - Novast Laboratories, Ltd. (527695995)