

PHYSICIAN LABELING 6073303

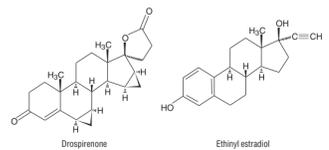
Rx only

PATIENTS SHOULD BE COUNSELED THAT THIS PRODUCT DOES NOT PROTECT AGAINST HIV INFECTION (AIDS) AND OTHER SEXUALLY TRANSMITTED DISEASES.

YASMIN® 28 TABLETS
(drospirenone and ethinyl estradiol)

DESCRIPTION

YASMIN provides an oral contraceptive regimen consisting of 21 active film coated tablets each containing 3.0 mg of drospirenone and 0.030 mg of ethinyl estradiol and 7 inert film coated tablets. The inactive ingredients are lactose monohydrate NF, corn starch NF, modified starch NF, povidone 2500 USP, magnesium stearate NF, hydroxypropylmethyl cellulose USP, macropol 6000 NF, talc USP, titanium dioxide USP, ferric oxide pigment, yellow NF. The inert film coated tablets contain lactose monohydrate NF, corn starch NF, povidone 2500 USP, magnesium stearate NF, hydroxypropylmethyl cellulose USP, talc USP, titanium dioxide USP. Drospirenone (6R,7R,8R,9S,10R,13S,14S,15S,16S,17S)-1,3,4,6,7,8,9,10,11,12,13,14,15,16,16-hexadecahydro-10,13-dimethylspiro[17H]-dicyclopropano-6,7,15,16] cyclopenta[*b*]phenantrene-17, 2-(5H)-furan-3,5-(2H)-dione) is a synthetic progestational compound and has a molecular weight of 386.5 and a molecular formula of C₂₆H₃₄O₆. Ethinyl estradiol (19-nor-17 α -pregna-1,3,5(10 α)-trien-20 α -yne-3,17-diol) is a synthetic estrogenic compound and has a molecular weight of 296.4 and a molecular formula of C₂₀H₂₆O₂. The structural formulas are as follows:



Drospirenone Ethinyl estradiol

CLINICAL PHARMACOLOGY

PHARMACODYNAMICS

Combination oral contraceptives (COCs) act by suppression of gonadotropins. Although the primary mechanism of this action is inhibition of ovulation, other alterations include changes in the cervical mucus (which increases the difficulty of sperm entry into the uterus) and the endometrium (which reduces the likelihood of implantation). Drospirenone is a spironolactone analogue with antimineralocorticoid activity. Preclinical studies in animals and *in vitro* have shown that drospirenone has no androgenic, estrogenic, glucocorticoid, and antihypertensive activity. Preclinical studies have also shown that drospirenone has antidiuretic activity.

PHARMACOKINETICS

Absorption

The absolute bioavailability of drospirenone (DRSP) from a single ethinyl tablet is about 76%. The absolute bioavailability of ethinyl estradiol (EE) is approximately 40% as a result of pre-systemic conjugation and first-pass metabolism. The absolute bioavailability of **YASMIN** which is a combination tablet of drospirenone and ethinyl estradiol has not been evaluated. Serum concentrations of DRSP and EE reached peak levels within 1-3 hours after administration of **YASMIN**. After single dose administration of **YASMIN**, the relative bioavailability, compared to a suspension, was 107% and 117% for DRSP and EE, respectively.

The pharmacokinetics of DRSP are dose proportional following single doses ranging from 1 to 10 mg. Following daily dosing of **YASMIN**, steady state DRSP concentrations were observed after 10 days. There was about 2 to 3 fold accumulation in serum C_{max} and AUC (0-24h) values of DRSP following multiple dose administration of **YASMIN** (see TABLE I).

For EE, steady-state conditions are reported during the second half of a treatment cycle. Following daily administration of **YASMIN** serum C_{max} and AUC(0-24h) values of EE accumulate by a factor of about 1.5 to 2.0.

TABLE I. MEAN PHARMACOKINETIC PARAMETERS OF YASMIN (Drospirenone 3 mg and Ethinyl Estradiol 0.030 mg)

Cycle/Day	No. of Subjects	Drospirenone Mean (%CV) Values		AUC(0-24h) (pg•h/mL)	t _{1/2} (h)
		C _{max} (ng/mL)	T _{max} (h)		
1/1	12	36.8(13)	1.7(47)	268(25)	NA
1/21	12	87.5(59)	1.7(20)	827(23)	30.9(44)
6/21	12	84.2(19)	1.8(19)	830(19)	32.5(38)
9/21	12	81.3(19)	1.6(38)	957(23)	31.4(39)
13/21	12	78.7(19)	1.5(26)	968(24)	31.1(36)

Cycle/Day	No. of Subjects	Ethinyl Estradiol Mean (%CV) Values		AUC(0-24h) (pg•h/mL)	t _{1/2} (h)
		C _{max} (pg/mL)	T _{max} (h)		
1/1	11	53.5(45)	1.9(45)	280.3(87)	NA
1/21	11	115.6(49)	1.5(49)	463.1(84)	NA
6/21	11	99.1(45)	1.5(47)	346.1(74)	NA
9/21	11	87.0(43)	1.5(42)	485.3(92)	NA
13/21	10	90.5(45)	1.6(38)	469.9(83)	NA

NA = Not available

Effect of Food

The rate of absorption of DRSP and EE following single administration of two **YASMIN** tablets was slower under fed conditions with 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.

Distribution

DRSP and EE serum levels 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 to sex hormone binding globulin (SHBG) or corticosteroid binding globulin (CBG) but binds about 97% to other serum proteins. Multiple dosing over 3 cycles resulted in no change in the free fraction (f_u) measured at trough levels. EE is reported to be highly but non-specifically bound to serum albumin (approximately 98.5%) and induces an increase in the serum concentrations 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.

Metabolism

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-dihydro-drospirenone-3-sulfate. These metabolites were shown not to be pharmacologically active. In *in vitro* studies with human liver microsomes, DRSP was metabolized only to a minor extent mainly by cytochrome P450 3A4 (CYP3A4).

EE has been reported to be subject to pre-systemic conjugation in both small bowel mucosa and the liver. Metabolism occurs primarily by aromatic hydroxylation but a wide variety of hydroxylated and methylated metabolites are formed. These are present as free metabolites and as conjugates with glucuronic and sulfate. CYP3A4 in the liver are responsible for the 2-hydroxylation which is the major oxidative reaction. The 2-hydroxy metabolite is further transformed by methylation and glucuronidation prior to urinary and fecal excretion.

Excretion

DRSP serum levels 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 feces compared to urine. DRSP was extensively metabolized and only trace amounts of unchanged DRSP were excreted in urine and feces. At least 20 different metabolites were found in urine and feces. About 38-47% of the metabolites in urine were glucuronide and sulfate conjugates. In feces, about 17-20% of the metabolites were excreted as glucuronides and sulfates.

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

Special Populations

Race

The effect of race on the disposition of **YASMIN** has not been evaluated.

Hepatic Dysfunction

YASMIN is contraindicated in patients with hepatic dysfunction (also see **BOLDED WARNINGS**). The mean exposure to DRSP in women with moderate liver impairment is approximately three times the exposure in women with normal liver function.

Renal Insufficiency

YASMIN is contraindicated in patients with renal insufficiency (also see **BOLDED WARNINGS**). The effect of renal insufficiency on the pharmacokinetics of DRSP (3 mg daily for 14 days) and the effect of DRSP on serum potassium levels were investigated in female subjects (N=26, age 30-55) with mild and moderate renal impairment. All EE subjects were on a low potassium diet. During the study 7 subjects continued the use of potassium sparing drugs for the treatment of the underlying illness. On the 14th day (steady-state) of DRSP treatment, the serum DRSP levels in the group with mild renal impairment (creatinine clearance (Cl_{cr}: 30-50 mL/min) were comparable to those in the group with normal renal function. DRSP treatment was well tolerated by all groups. DRSP treatment did not show any clinically significant effect on serum potassium concentration. Although hyperkalemia was not observed in the study in five of the seven subjects who continued use of potassium sparing drugs during the study, mean serum potassium levels increased by up to 0.35 mEq/L. Therefore, potential risks for hyperkalemia to occur in subjects with renal impairment whose serum potassium is in the upper reference range, and who are concomitantly using potassium sparing drugs.

INDICATIONS AND USAGE

YASMIN is indicated for the prevention of pregnancy in women who elect to use an oral contraceptive.

Oral contraceptives are highly effective. TABLE II lists the typical accidental pregnancy rates for users of combination oral contraceptive tablets and other methods of contraception. The efficacy of these contraceptive methods, except sterilization and the use of natural family reliability with which they are used, correct and consistent use of methods can result in lower failure rates.

TABLE II

Percentage of women experiencing an unintended pregnancy during the first year of typical use and first year of perfect use of contraception and the percentage continuing use at the end of the first year: United States.

Method	% of Women Experiencing an Unintended Pregnancy During the First Year of Use		Continuing Use at One Year*
	Typical Use ¹	Perfect Use ²	
(1)	(2)	(3)	(4)
Chanc ³	85	85	
Spermicides ⁴	26	6	40
Periodic abstinence	25	3	63
Calendar		9	
Ovulation method		3	
Sympto-therm ⁵		2	
Post-ovulation		1	
Withdrawal	19	4	
Cap		1	
Parous women	40	26	42
Nulliparous women	20	9	56
Sponge			
Parous women	40	20	42
Nulliparous women	20	9	56
Diaphragm ⁶	20	6	56
Condom ⁷			
Female (Reality)	21	5	56
Male	14	3	61
Pill	5	0.5	71
progestin only combined	0.1		
UD ⁸			
Progesterone T	2.0	1.5	81
Copper T 380A	0.8	0.6	78
Lig ⁹	0.1	0.1	81
Ono-Provera	0.3	0.3	70
Norplant and Norplant-2	0.05	0.05	88
Female sterilization	0.5	0.5	100
Male sterilization	0.15	0.10	100

Emergency Contraceptive Pills: Treatment initiated within 72 hours after unprotected intercourse reduces the risk of pregnancy by at least 75%.

Lactational Amenorrhea Method: LAM is highly effective, temporary method of contraception.¹⁰

Source: *Statistical Contraceptive Efficacy*. In Hatcher RA, Trussell J, Stewart E, Cates W, Stewart GK, Kowal D, Guast F. *Contraceptive Technology*. Seventeenth Revised Edition. New York, NY: Irvington Publishers, 1998.

1. Among typical couples who initiate use of a method (not necessarily for the first time), the percentage who experience an accidental pregnancy during the first year if they do not stop use for any other reason.

2. Among couples who initiate use of a method (not necessarily for the first time) and who use it perfectly (both consistently and correctly), the percentage who experience an accidental pregnancy during the first year if they do not stop use for any reason.

3. Among couples attempting to avoid pregnancy, the percentage who continue to use a method for one year.

4. The percent becoming pregnant in columns (2) and (3) are based on data from populations where contraception is not used and from women who cease using contraception in order to become pregnant. Among such populations, about 8% of women become pregnant within one year. This estimate was lowered slightly (to 6%) to represent the percentage who would become pregnant within one year among women now relying on reversible methods of contraception if they abandoned contraception altogether.

5. Includes the following: 1) The percentage of women who use the rhythm method or the calendar method; 2) The percentage of women who use the symptothermal method; 3) The percentage of women who use the withdrawal method; 4) The percentage of women who use the cervical cap; 5) The percentage of women who use the diaphragm; 6) The percentage of women who use the sponge; 7) The percentage of women who use the condom; 8) The percentage of women who use the LAM; 9) The percentage of women who use the progestin-only pill; 10) The percentage of women who use the progestin-only pill.

6. Includes the following: 1) The percentage of women who use the diaphragm; 2) The percentage of women who use the sponge; 3) The percentage of women who use the condom; 4) The percentage of women who use the LAM; 5) The percentage of women who use the progestin-only pill; 6) The percentage of women who use the progestin-only pill.

7. Includes the following: 1) The percentage of women who use the condom; 2) The percentage of women who use the LAM; 3) The percentage of women who use the progestin-only pill; 4) The percentage of women who use the progestin-only pill.

8. Includes the following: 1) The percentage of women who use the progestin-only pill; 2) The percentage of women who use the progestin-only pill; 3) The percentage of women who use the progestin-only pill; 4) The percentage of women who use the progestin-only pill.

9. Includes the following: 1) The percentage of women who use the progestin-only pill; 2) The percentage of women who use the progestin-only pill; 3) The percentage of women who use the progestin-only pill; 4) The percentage of women who use the progestin-only pill.

10. Includes the following: 1) The percentage of women who use the progestin-only pill; 2) The percentage of women who use the progestin-only pill; 3) The percentage of women who use the progestin-only pill; 4) The percentage of women who use the progestin-only pill.

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12. Includes the following: 1) The percentage of women who use the progestin-only pill; 2) The percentage of women who use the progestin-only pill; 3) The percentage of women who use the progestin-only pill; 4) The percentage of women who use the progestin-only pill.

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Effects related to inhibition of ovulation:

- decreased incidence of functional ovarian cysts
 - decreased incidence of ectopic pregnancies
- Effects from long-term use:
- decreased incidence of fibroadenomas and fibrocystic disease of the breast
 - decreased incidence of acute pelvic inflammatory disease
 - decreased incidence of endometrial cancer
 - decreased incidence of ovarian cancer

DOSEAGE AND ADMINISTRATION

YASMIN
To achieve maximum contraceptive effectiveness, **YASMIN** (drospirenone and ethinyl estradiol) must be taken exactly as directed at intervals not exceeding 24 hours.

YASMIN consists of 21 tablets of a monophasic combined hormonal preparation plus 7 inert tablets. The dosage of **YASMIN** is one yellow tablet daily for 21 consecutive days followed by 7 white inert tablets per menstrual cycle. A patient should begin to take **YASMIN** either on the first day of her menstrual period (Day 1 Start) or on the first Sunday after the onset of her menstrual period (Sunday Start).

Day 1 Start: During the first cycle of **YASMIN** use, the patient should be instructed to take one yellow **YASMIN** daily, beginning on day one (1) of her menstrual cycle. (The first day of menstruation is day one.) She should start one yellow **YASMIN** daily for 21 consecutive days, followed by one white inert tablet daily on menstrual cycle days 22 through 28. It is recommended that **YASMIN** be taken at the same time each day, preferably after the evening meal or at bedtime. If **YASMIN** is first taken later than the first day of the menstrual cycle, **YASMIN** should not be considered effective as a contraceptive until after the first 7 consecutive days of product administration. The possibility of ovulation and conception prior to initiation of medication should be considered.

Sunday Start: During the first cycle of **YASMIN** use, the patient should be instructed to take one yellow **YASMIN** daily, beginning on the first Sunday after the onset of her menstrual period. She should take one yellow **YASMIN** daily for 21 consecutive days, followed by one white inert tablet daily on menstrual cycle days 22 through 28. It is recommended that **YASMIN** be taken at the same time each day, preferably after the evening meal or at bedtime. **YASMIN** should not be considered effective as a contraceptive until after the first 7 consecutive days of product administration. The possibility of ovulation and conception prior to initiation of medication should be considered.

The patient should begin her next and all subsequent 28-day regimens of **YASMIN** on the same day of the week that she began her first regimen, following the same schedule. She should begin taking her yellow tablets on the next day after ingestion of the last white tablet, regardless of whether or not a menstrual period has occurred or is still in progress. Anytime a subsequent cycle of **YASMIN** is started later than the day following administration of the last white tablet, the patient should use another method of contraception until she has taken a yellow **YASMIN** daily for seven consecutive days.

When switching from another oral contraceptive, **YASMIN** should be started on the same day that a new pack of the previous oral contraceptive would have been started.

Withdrawal bleeding usually occurs within 3 days following the last yellow tablet. If spotting or breakthrough bleeding occurs while taking **YASMIN**, the patient should be instructed to continue taking her **YASMIN** as instructed and by the regimen described above. She should be instructed that this type of bleeding is usually transient and without significance; however, if the bleeding is persistent or prolonged, the patient should be advised to consult her physician.

Although the occurrence of pregnancy is unlikely if **YASMIN** is taken according to directions, if withdrawal bleeding does not occur, the possibility of pregnancy must be considered. If the patient has not adhered to the prescribed dosing schedule (missed one or more active tablets or started taking them on a day later than she should have), the possibility of pregnancy should be considered at the time of the first missed period and appropriate diagnostic measures taken. If the patient has taken **YASMIN** as directed, the regimen and misses two consecutive periods, pregnancy should be ruled out. Hormonal contraception should be discontinued if pregnancy is confirmed.

The risk of pregnancy increases with each active yellow tablet missed. For additional patient instructions regarding missed pills, see the "WHAT TO DO IF YOU MISS PILLS" section in the DETAILED PATIENT LABELING which follows. If breakthrough bleeding occurs following missed tablets, it will usually be transient and of no consequence. If the patient misses one or more white tablets, she should still be protected against pregnancy provided she begins taking yellow tablets again on the proper day.

In the nonlactating mother, **YASMIN** may be initiated 4 weeks postpartum, for contraception. When the tablets are administered in the postpartum period, the increased risk of thromboembolic disease associated with oral contraceptives should be considered. (See **CONTRAINDICATIONS, WARNINGS, AND PRECAUTIONS** concerning thromboembolic disease.)

HOW SUPPLIED

YASMIN 28 Tablets (drospirenone and ethinyl estradiol) are available in packages of 3 BLISTER packs (NDC 50419-402-03).

Each pack contains 21 active yellow oral, uncoated, film coated tablets each containing 3 mg drospirenone and 0.03 mg ethinyl estradiol, and 7 inert white tablets, each containing 0.01 mg ethinyl estradiol.

Store at 25° C (77°F); excursions permitted to 15°-30°C (59°-86°F) (See USP Controlled Room Temperature).

REFERENCES FURNISHED UPON REQUEST

Manufactured for: Berlex Laboratories, Montville, NJ 07045
Manufactured in: Germany

BRIEF SUMMARY PATIENT PACKAGE INSERT

YASMIN® 28 Tablets
(drospirenone and ethinyl estradiol)

28 tablets containing the following:
21 yellow – "active" tablets
7 white – "inert" tablets

This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against HIV infection (AIDS) and other sexually transmitted diseases. **YASMIN** is different from other birth-control pills because it contains the progestin drospirenone. Drospirenone may increase potassium. Therefore, you should not take **YASMIN** if you have kidney, liver or adrenal disease because this could cause serious heart and health problems. Other drugs may also increase potassium. If you are currently on daily, long-term treatment for a chronic condition with any of the medications below, you should consult your healthcare provider about whether **YASMIN** is right for you, and during the first month that you take **YASMIN**, you should have a blood test to check your potassium level.

- NSAIDs (ibuprofen [Motrin®, Advil®], naproxen [Naprosyn®, Aleve® and others] when taken long-term and for treatment of arthritis or other problems)
- Potassium supplementations
- ACE inhibitors (Capoten®, Vasotec®, Zestrin® and others)
- Angiotensin-II receptor antagonists (Cozaar®, Diovan®, Avapro® and others)
- Heparin

Other oral contraceptives, also known as "birth-control pills" or "the pill," are taken to prevent pregnancy, and when taken correctly, have a failure rate of less than 1% per year when used without missing any pills. The typical failure rate of large numbers of pill users is less than 5% per year when used correctly, without missing any pills. However, forgetting to take pills considerably increases the chances of pregnancy.

For the majority of women, oral contraceptives can be taken safely. But there are some women who are at high risk of developing certain serious diseases that can be life-threatening or may cause temporary or permanent disability or death. The risks associated with taking oral contraceptives increase significantly if you:

- smoke
 - have high blood pressure, diabetes, high cholesterol
 - have or have had clotting disorders, heart attack, stroke, angina pectoris, cancer of the breast or sex organs, jaundice, or migraine or benign liver tumors.
- You should not take the pill if you suspect you are pregnant or have unexplained vaginal bleeding.

Cigarette smoking increases the risk of serious adverse effects on the heart and blood vessels from oral contraceptive use. This risk is greater with age and with heavy smoking (15 or more cigarettes per day) and is quite marked in women over 35 years of age. Women who use oral contraceptives should not smoke.

Most side effects of the pill are not serious. The most common such effects are nausea, vomiting, bleeding between menstrual periods, weight gain, breast tenderness, and difficulty wearing contact lenses. These side effects, especially nausea and vomiting may subside within the first three months of use.

The serious side effects of the pill occur very infrequently, especially if you are in good health and are young. However, you should know that the following medical conditions have been associated with or made worse by the pill:

1. Blood clots in the legs (thrombophlebitis), lungs (pulmonary embolism), blockage or rupture of a blood vessel in the brain (stroke), blockage of blood vessels in the heart (heart attack and angina pectoris) or other organs of the body. As mentioned above, smoking increases the risk of heart attacks and strokes and subsequent serious medical consequences.

2. Liver tumors, which may rupture and cause severe bleeding. A possible but not definite association has been found with the pill and liver cancer. However, liver cancers are extremely rare. The chance of developing liver cancer from using the pill is thus even rarer.
3. High blood pressure, although blood pressure usually returns to normal when the pill is stopped.

4. Cancer of the breast. Various studies give conflicting reports on the relationship between breast cancer and oral contraceptive use. Oral contraceptive use may slightly increase your chance of having breast cancer diagnosed, particularly after using hormonal contraceptives at a younger age. After you stop using hormonal contraceptives, the chances of having breast cancer begin to drop. You should have regular breast examinations by a healthcare provider and examine your own breasts monthly. Tell your healthcare provider if you have a family history of breast cancer or if you have had breast nodules or an abnormal mammogram. Women who currently have or have had breast cancer should not use oral contraceptives because breast cancer is a hormone-sensitive tumor.

The symptoms associated with these serious side effects are discussed in the detailed leaflet given to you with your supply of pills. Notify your doctor or healthcare provider if you notice any unusual physical disturbances while taking the pill. In addition, drugs such as rifampin, as well as some anti-infectives, some antibiotics and some herbal products such as St. John's Wort, may decrease oral contraceptive effectiveness.

Taking the pill provides some important non-contraceptive benefits. These include less painful menstruation, less menstrual blood loss and anemia, fewer pelvic infections, and fewer cancers of the ovary and the lining of the uterus.

Be sure to discuss any medical condition you may have with your healthcare provider. Your healthcare provider will take a medical and family history before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and the healthcare provider believes that it is appropriate to postpone it. You should be reexamined at least once a year while taking oral contraceptives. The detailed patient information booklet given to you further information which you should read and discuss with your healthcare provider.

This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against transmission of HIV (AIDS) and other sexually transmitted diseases such as chlamydia, genital herpes, genital warts, gonorrhea, hepatitis B, and syphilis.

INSTRUCTIONS TO PATIENTS

HOW TO TAKE THE PILL

IMPORTANT POINTS TO REMEMBER

BEFORE YOU START TAKING YOUR PILLS
1. BE SURE TO READ THESE DIRECTIONS:
Before you start taking your pills.

2. **THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT THE SAME TIME.**
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.

3. **MANY WOMEN HAVE SPOTTING OR LIGHT BLEEDING, OR MAY FEEL SICK TO THEIR STOMACH DURING THE FIRST 1-3 PACKS OF PILLS.**
If you do have spotting 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 doctor or healthcare provider.

4. **MISSING PILLS CAN ALSO CAUSE SPOTTING OR LIGHT BLEEDING, even when you make up those 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 OR DIARRHEA, OR IF YOU TAKE SOME 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 or spermicides) until you check with your doctor or healthcare provider.

6. **IF YOU HAVE TROUBLE REMEMBERING TO TAKE THE PILL, talk to your doctor or healthcare provider about how to make pill-taking easier or about using another method of birth control.**

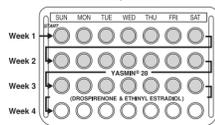
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BEFORE YOU START TAKING YOUR PILLS

1. DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL.
It is important to take it at about the same time every day.
2. LOOK AT YOUR PILL PACK – IT HAS 28 PILLS:
The **YASMIN** pill pack has 21 yellow "active" pills (with hormones) to be taken for three weeks, followed by 7 white "reminder" pills (without hormones) to be taken for one week.

3. ALSO FIND:

- 1) where on the pack to start taking pills,
- 2) in what order to take the pills (follow the arrows)
- 3) the week numbers as shown in the diagram below



YASMIN 28 TABLETS
(drospirenone and ethinyl estradiol)

4. **BE SURE YOU HAVE READY AT ALL TIMES:**
ANOTHER KIND OF BIRTH CONTROL (such as condoms or spermicides) to use as a back-up in case you miss pills.

AN EXTRA, FULL PILL PACK.

WHEN TO START THE FIRST PACK OF PILLS

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

DAY 1 START:

1. Take the first yellow "active" pill of the first 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.

SUNDAY START:

1. Take the first yellow "active" pill of the first 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 condoms or spermicides) as a back-up method if you have sex any time from the Sunday you start your first pack until the next Sunday (7 days).

WHAT TO DO DURING THE MONTH

1. **TAKE ONE PILL AT THE SAME TIME EVERY DAY UNTIL THE PACK IS EMPTY.**
Do not skip pills even if you are spotting or bleeding between monthly periods or feel sick to your stomach (nausea).
Do not skip pills even if you do not have sex every often.

2. **WHEN YOU FINISH A PACK OR SWITCH YOUR BRAND OF PILLS:**
Start the next pack on the day after your last white "reminder" pill. Do not wait any days between packs.

WHAT TO DO IF YOU MISS PILLS

If you **MISS 1** yellow "active" pill:
1. 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.
2. You do not need to use a back-up birth control method if you have sex.

If you **MISS 2** yellow "active" pills in a row in **WEEK 1 OR WEEK 2** of your pack:
1. Take two pills on the day you remember and two pills the next day.
2. Then take one pill a day until you finish the pack.
3. You **MAY BECOME PREGNANT** if you have sex in the 7 days after you miss pills. You **MUST** use another birth control method (such as condoms or spermicides) as a back-up for those 7 days.

If you **MISS 2** yellow "active" pills in a row in the **3RD 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 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.

2. 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 doctor or healthcare provider because you might be pregnant.

3. You **MAY BECOME PREGNANT** if you have sex in the 7 days after you miss pills. You **MUST** use another birth control method (such as condoms or spermicides) as a back-up for those 7 days.

If you forget any of the 7 white "reminder" 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 or spermicides) anytime you have sex. **KEEP TAKING ONE ACTIVE PILL EACH DAY** until you can reach your doctor or healthcare provider.

For additional patient see Detailed Patient Labeling

DETAILED PATIENT PACKAGE INSERT

This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against HIV infection (AIDS) and other sexually transmitted diseases. YASMIN is different from other birth-control pills because it contains the progestin drospirenone. Drospirenone may increase potassium. Therefore, you should not take YASMIN if you have kidney, liver or adrenal disease because this could cause serious heart and health problems. Other drugs may also increase potassium. If you are currently on daily, long-term treatment for a chronic condition with any of the medications below, you should consult your healthcare provider about whether YASMIN is right for you, and during the first month that you take YASMIN, you should have a blood test to check your potassium level.

- NSAIDs (ibuprofen [Motrin®, Advil®], naproxen [Naprosyn®, Aleve® and others] when taken long-term and for treatment of arthritis or other problems)
- Potassium supplementations
- ACE inhibitors (Capoten®, Vasotec®, Zestrin® and others)
- Angiotensin-II receptor antagonists (Cozaar®, Diovan®, Avapro® and others)
- Heparin

Other oral contraceptives, also known as "birth-control pills" or "the pill," are taken to prevent pregnancy, and when taken correctly, have a failure rate of less than 1% per year when used without missing any pills. The typical failure rate of large numbers of pill users is less than 5% per year when used correctly, without missing any pills. However, forgetting to take pills considerably increases the chances of pregnancy.

For the majority of women, oral contraceptives can be taken safely. But there are some women who are at high risk of developing certain serious diseases that can be life-threatening or may cause temporary or permanent disability or death. The risks associated with taking oral contraceptives increase significantly if you:

- smoke
 - have high blood pressure, diabetes, high cholesterol
 - have or have had clotting disorders, heart attack, stroke, angina pectoris, cancer of the breast or sex organs, jaundice, or migraine or benign liver tumors.
- You should not take the pill if you suspect you are pregnant or have unexplained vaginal bleeding.

Cigarette smoking increases the risk of serious adverse effects on the heart and blood vessels from oral contraceptive use. This risk is greater with age and with heavy smoking (15 or more cigarettes per day) and is quite marked in women over 35 years of age. Women who use oral contraceptives should not smoke.

Most side effects of the pill are not serious. The most common such effects are nausea, vomiting, bleeding between menstrual periods, weight gain, breast tenderness, and difficulty wearing contact lenses. These side effects, especially nausea and vomiting may subside within the first three months of use.

The serious side effects of the pill occur very infrequently, especially if you are in good health and are young. However, you should know that the following medical conditions have been associated with or made worse by the pill:

1. Blood clots in the legs (thrombophlebitis), lungs (pulmonary embolism), blockage or rupture of a blood vessel in the brain (stroke), blockage of blood vessels in the heart (heart attack and angina pectoris) or other organs of the body. As mentioned above, smoking increases the risk of heart attacks and strokes and subsequent serious medical consequences.

2. Liver tumors, which may rupture and cause severe bleeding. A possible but not definite association has been found with the pill and liver cancer. However, liver cancers are extremely rare. The chance of developing liver cancer from using the pill is thus even rarer.
3. High blood pressure, although blood pressure usually returns to normal when the pill is stopped.

4. Cancer of the breast. Various studies give conflicting reports on the relationship between breast cancer and oral contraceptive use. Oral contraceptive use may slightly increase your chance of having breast cancer diagnosed, particularly after using hormonal contraceptives at a younger age. After you stop using hormonal contraceptives, the chances of having breast cancer begin to drop. You should have regular breast examinations by a healthcare provider and examine your own breasts monthly. Tell your healthcare provider if you have a family history of breast cancer or if you have had breast nodules or an abnormal mammogram. Women who currently have or have had breast cancer should not use oral contraceptives because breast cancer is a hormone-sensitive tumor.

The symptoms associated with these serious side effects are discussed in the detailed leaflet given to you with your supply of pills. Notify your doctor or healthcare provider if you notice any unusual physical disturbances while taking the pill. In addition, drugs such as rifampin, as well as some anti-infectives, some antibiotics and some herbal products such as St. John's Wort, may decrease oral contraceptive effectiveness.

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Be sure to discuss any medical condition you may have with your healthcare provider. Your healthcare provider will take a medical and family history before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and the healthcare provider believes that it is appropriate to postpone it. You should be reexamined at least once a year while taking oral contraceptives. The detailed patient information booklet given to you further information which you should read and discuss with your healthcare provider.

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Use a back-up method (such as condoms or spermicides) until you check with your doctor or healthcare provider.

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- A history of blood clots in the deep veins of your legs
- Chest pain (angina pectoris)
- Known or suspected breast cancer or cancer of the lining of the uterus, cervix or vagina
- Unexplained vaginal bleeding (until a diagnosis is reached by your doctor)
- Yellowing of the whites of the eyes or of the skin (jaundice) during pregnancy or during previous use of the pill
- Liver tumor (benign or cancerous)
- Known or suspected pregnancy

In addition, you should not use **YASMIN** if you have any of the following conditions:
• Adrenal Disease
• Liver Disease
• Adrenal Disease

Tell your healthcare provider if you have ever had any of the above conditions. (Your healthcare provider can recommend another method of birth control). If you are currently on daily, long-term treatment for a chronic condition with any of the following medications, you should consult your healthcare provider before taking **YASMIN**:

- NSAIDs (ibuprofen, naproxen and others)
- Potassium-sparing diuretics (spironolactone and others)
- Potassium supplementations
- ACE inhibitors (captopril, enalapril, lisinopril and others)
- Angiotensin-II receptor antagonists (Cozaar®, Diovan®, Avapro® and others)
- Heparin

OTHER CONSIDERATIONS BEFORE TAKING ORAL CONTRACEPTIVES

Tell your healthcare provider if you or any family member has ever had:
• Breast nodules, fibrocystic disease of the breast, an abnormal breast X-ray or mammogram
• Diabetes
• Elevated cholesterol or triglycerides
• High blood pressure
• Migraine or other headaches or epilepsy
• Mental depression
• Gallbladder, heart or kidney disease
• History of seizure or irregular menstrual periods

Women with any of these conditions should be checked often by their healthcare provider if they choose to use oral contraceptives.

Also, be sure to inform your doctor or healthcare provider if you smoke or take any medications.

RISKS OF TAKING ORAL CONTRACEPTIVES

RISK OF DEVELOPING BLOOD CLOTS:
Blood clots and blockage of blood vessels are the most serious side effects of taking oral contraceptives and can be fatal. In particular, a clot in the legs can cause thrombophlebitis and a clot that travels to the lungs can cause sudden blockage of the vessel carrying blood to the lungs. Rarely, clots can block the blood vessels of the eye and may cause blindness, double vision, or impaired vision.

If you take oral contraceptives and need elective surgery, need to stay in bed for a prolonged illness or have recently delivered a baby, you may be at risk of developing blood clots. You should consult your doctor about stopping oral contraceptives three to four weeks before surgery and not taking oral contraceptives for two weeks after surgery or during bed rest. You should also not take oral contraceptives soon after delivery of a baby or a mid-trimester pregnancy loss. Terminating an advanced oral contraceptive at least four weeks after delivery if you are not breast-feeding. If you are breast-feeding, you should wait until you have weaned your child before using the pill. (See also the section on breast-feeding in **GENERAL PRECAUTIONS**.)

2. HEART ATTACKS AND STROKES
Oral contraceptives may increase the tendency to develop strokes (stoppage or rupture of blood vessels in the brain) and angina pectoris and heart attacks (blockage of blood vessels in the heart). Any of these conditions can cause death or serious disability.

Smoking greatly increases the possibility of suffering heart attacks and strokes. Furthermore, smoking and the use of oral contraceptives greatly increase the chances of developing and dying of heart disease.

3. GALLBLADDER DISEASE
Oral contraceptives probably have a greater risk than nonusers of having gallbladder disease. Although this risk may be related to pills containing high doses of estrogens.

4. LIVER TUMORS
In rare cases, oral contraceptives can cause benign but dangerous liver tumors. These benign liver tumors can rupture and cause fatal internal bleeding. In addition, possible but not definite association has been found with the pill and liver cancers in two studies, in which a few women who developed these very rare cancers were found to have used oral contraceptives for long periods. However, liver cancers are extremely rare. The chance of developing liver cancer from using the pill is thus even rarer.

5. CANCER OF THE REPRODUCTIVE ORGANS AND BREASTS
Various studies give conflicting reports on the relationship between breast cancer and oral contraceptive use. Oral contraceptives may slightly increase your chance of having breast cancer diagnosed, particularly after using hormonal contraceptives at a younger age. After you stop using hormonal contraceptives, the chances of getting breast cancer begin to go back down. You should have regular breast examinations by a healthcare provider and examine your own breasts monthly. Tell your healthcare provider if you have a family history of breast cancer or if you have had breast nodules or an abnormal mammogram. Women who currently have or have had breast cancer should not use oral contraceptives because breast cancer is a hormone-sensitive tumor.

Some studies have found an increase in the incidence of cancer of the cervix in women who use oral contraceptives. However, this finding may be related to factors other than the use of oral contraceptives.

ESTIMATED RISK OF DEATH FROM A BIRTH CONTROL METHOD OR PREGNANCY
All methods of birth control and pregnancy are associated with a risk of developing certain diseases which may lead to disability or death. An estimate of the number of deaths associated with different methods of birth control and pregnancy has been calculated and is shown in the following table.

Method of Control and Outcome					
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