

ABSORICA- isotretinoin capsule
ABSORICA LD- isotretinoin capsule
Sun Pharmaceutical Industries, Inc.
Reference Label Set Id: 8d54aab5-3349-4a41-8533-0a566fd7bbaa

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use ABSORICA/ABSORICA LD safely and effectively. See full prescribing information for ABSORICA/ABSORICA LD.

ABSORICA® (isotretinoin) capsules, for oral use
ABSORICA LD™ (isotretinoin) capsules, for oral use
Initial U.S. Approval: 1982

WARNING: EMBRYO-FETAL TOXICITY – CONTRAINDICATED IN PREGNANCY

See full prescribing information for complete boxed warning.

- **ABSORICA/ABSORICA LD can cause life-threatening birth defects and is contraindicated in pregnancy. There is an extremely high risk that severe birth defects will result if pregnancy occurs while taking ABSORICA/ABSORICA LD in any amount, even for short periods of time. Potentially any fetus exposed during pregnancy can be affected. There are no accurate means of determining whether an exposed fetus has been affected. (4, 5.1, 8.1)**
- **ABSORICA/ABSORICA LD are available only through a restricted program called the iPLEDGE REMS. (5.2)**

----- **INDICATIONS AND USAGE** -----

ABSORICA and ABSORICA LD are retinoids indicated for the treatment of severe recalcitrant nodular acne in non-pregnant patients 12 years of age and older with multiple inflammatory nodules with a diameter of 5 mm or greater. Because of significant adverse reactions associated with its use, ABSORICA and ABSORICA LD are reserved for patients with severe nodular acne who are unresponsive to conventional therapy, including systemic antibiotics. (1)

Limitations of Use:

If a second course of ABSORICA/ABSORICA LD therapy is needed, it is not recommended before a two-month waiting period because the patient's acne may continue to improve following a 15 to 20-week course of therapy. (1)

----- **DOSAGE AND ADMINISTRATION** -----

- ABSORICA is not substitutable with ABSORICA LD because of different bioavailability and recommended dosage. (2.1, 5.3)
- Recommended dosage for:
 - ABSORICA is 0.5 to 1 mg/kg/day given in two divided doses without regard to meals for 15 to 20 weeks (2.1)
 - ABSORICA LD is 0.4 to 0.8 mg/kg/day given in two divided doses without regard to meals for 15 to 20 weeks (2.1)
- Adult patients with very severe disease (scarring, trunk involvement) may increase dosage to 2 mg/kg/day of ABSORICA (1.6 mg/kg/day of ABSORICA LD) in divided doses. (2.1)
- Once daily dosing is not recommended. (2.1)
- If a dose of ABSORICA/ABSORICA LD is missed, just skip that dose. Do not take two doses of ABSORICA/ABSORICA LD at the same time. (2.1)
- Perform pregnancy tests prior to prescribing, each month during therapy, end of therapy, and one month after discontinuation. (2.3, 8.3)
- Prior to prescribing, perform fasting lipid profile and liver function tests. (2.3)

----- **DOSAGE FORMS AND STRENGTHS** -----

ABSORICA Capsules: 10 mg, 20 mg, 25 mg, 30 mg, 35 mg and 40 mg (3)

ABSORICA LD Capsules: 8 mg, 16 mg, 20 mg, 24 mg, 28 mg and 32 mg (3)

----- **CONTRAINDICATIONS** -----

- Pregnancy (4.1, 8.1)

- Hypersensitivity to this product or any of its components (4.2, 5.14)

----- **WARNINGS AND PRECAUTIONS** -----

- Psychiatric Disorders (depression, psychosis, suicidal thoughts and behavior, and aggressive and/or violent behaviors): Prior to and during therapy assess for these conditions; stop if these conditions occur on therapy (5.4)
- Intracranial Hypertension (Pseudotumor Cerebri): Avoid use with concomitant tetracyclines (5.5)
- Serious Skin Reactions: Monitor for Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), and other serious skin reactions (5.6)
- Acute Pancreatitis: If occurs, discontinue treatment (5.7)
- Lipid Abnormalities (hypertriglyceridemia, low HDL, and elevation of cholesterol): Monitor lipid levels at regular intervals; stop if hypertriglyceridemia cannot be controlled (5.8)
- Hearing Impairment: Discontinue and refer to specialized care (5.9)
- Hepatotoxicity: Monitor liver function tests prior to and during therapy (5.10, 5.15)
- Inflammatory Bowel Disease: Discontinue for abdominal pain, rectal bleeding, or severe diarrhea (5.11)
- Musculoskeletal Abnormalities: Arthralgias, back pain, decreases in bone mineral density and premature epiphyseal closure (5.12)
- Ocular Abnormalities e.g., corneal opacities, decreased night vision: If visual symptoms occur, discontinue and refer for an ophthalmological exam (5.13)

----- **ADVERSE REACTIONS** -----

Most common adverse reactions (incidence $\geq 5\%$) are: dry lips, dry skin, back pain, dry eye, arthralgia, epistaxis, headache, nasopharyngitis, chapped lips, dermatitis, increased creatine kinase, cheilitis, musculoskeletal discomfort, upper respiratory tract infection, reduced visual acuity. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Sun Pharmaceutical Industries, Inc. at 1-800-818-4555 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch or iPLEDGE at (1-866-495-0654).

----- **DRUG INTERACTIONS** -----

- Vitamin A: may cause additive adverse reactions (7.1)
- Tetracyclines: avoid concomitant use (7.2)

----- **USE IN SPECIFIC POPULATIONS** -----

Lactation: Breastfeeding not recommended (8.2).

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

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FULL PRESCRIBING INFORMATION

WARNING: EMBRYO-FETAL TOXICITY – CONTRAINDICATED IN PREGNANCY

ABSORICA/ABSORICA LD can cause severe life-threatening birth defects and is contraindicated in pregnancy.

There is an extremely high risk that severe birth defects will result if pregnancy occurs while taking any amount of ABSORICA/ABSORICA LD even for short periods of time. Potentially any fetus exposed during pregnancy can be affected. There are no accurate means of determining prenatally whether an exposed fetus has been affected. If pregnancy occurs, discontinue ABSORICA/ABSORICA LD immediately and refer the patient to an Obstetrician- Gynecologist experienced in reproductive toxicity for further evaluation and counseling [see Contraindications (4), Warnings and Precautions (5.1), and Use in Specific Populations (8.1)].

Because of the risk of embryo-fetal toxicity, ABSORICA and ABSORICA LD are available only through a restricted program under a Risk Evaluation and Mitigation Strategy (REMS) called the iPLEDGE REMS [see Warnings and Precautions (5.2)].

1 INDICATIONS AND USAGE

ABSORICA and ABSORICA LD are indicated for the treatment of severe recalcitrant nodular acne in non-pregnant patients 12 years of age and older with multiple inflammatory nodules with a diameter of 5 mm or greater. Because of significant adverse reactions associated with its use, ABSORICA and ABSORICA LD are reserved for patients with severe nodular acne who are unresponsive to conventional therapy, including systemic antibiotics.

Limitations of Use:

If a second course of ABSORICA/ABSORICA LD therapy is needed, it is not recommended before a two-month waiting period because the patient's acne may continue to improve following a 15 to 20-week course of therapy [see Dosage and Administration (2.2)].

2 DOSAGE AND ADMINISTRATION

2.1 Recommended Dosage

ABSORICA is not substitutable with ABSORICA LD [see Warnings and Precautions (5.3)]. The recommended dosage of:

- **ABSORICA is 0.5 to 1 mg/kg/day** given in two divided doses with or without meals for 15 to 20 weeks (see Table 1).
- **ABSORICA LD is 0.4 to 0.8 mg/kg/day** given in two divided doses with or without meals for 15 to 20 weeks (see Table 2).

To decrease the risk of esophageal irritation, instruct patients to swallow the capsules with a full glass of liquid. During treatment, the dosage may be adjusted according to response of the disease and/or adverse reactions, some of which may be dose-related. Adult patients whose disease is very severe with scarring or is primarily manifested on the trunk may require dosage adjustments up to 2 mg/kg/day for ABSORICA (1.6 mg/kg/day for ABSORICA LD) in divided doses, as tolerated.

The safety and effectiveness of once daily dosing with ABSORICA/ABSORICA LD has not been established and is not recommended.

If a dose of ABSORICA/ABSORICA LD is missed, just skip that dose. Do not take two doses of ABSORICA/ ABSORICA LD at the same time.

Table 1: ABSORICA Daily Dosage by Body Weight¹

| Body Weight | Total Daily Dosage (mg) ¹ | | |
|-------------|--------------------------------------|---------|---------|
| | 0.5 mg/kg | 1 mg/kg | 2 mg/kg |
| 40 kg | 20 | 40 | 80 |
| 50 kg | 25 | 50 | 100 |
| 60 kg | 30 | 60 | 120 |
| 70 kg | 35 | 70 | 140 |
| 80 kg | 40 | 80 | 160 |
| 90 kg | 45 | 90 | 180 |
| 100 kg | 50 | 100 | 200 |

¹ Administer in two divided doses with or without meals

Table 2: ABSORICA LD Daily Dosage by Body Weight¹

| Body Weight | Total Daily Dosage (mg) ¹ | | |
|-------------|--------------------------------------|-----------|-----------|
| | 0.4 mg/kg | 0.8 mg/kg | 1.6 mg/kg |
| 40 kg | 16 | 32 | 64 |
| 50 kg | 20 | 40 | 80 |
| 60 kg | 24 | 48 | 96 |
| 70 kg | 28 | 56 | 112 |
| 80 kg | 32 | 64 | 128 |
| 90 kg | 36 | 72 | 144 |
| 100 kg | 40 | 80 | 160 |

¹ Administer in two divided doses with or without meals

2.2 Duration of Use

A normal course of treatment is 15 to 20 weeks. If the total nodule count has been reduced by more than 70% prior to completing 15 to 20 weeks of treatment, may discontinue ABSORICA/ABSORICA LD.

After a period of 2 months or more off therapy, and if warranted by persistent or recurring severe nodular acne, may initiate a second course of ABSORICA/ABSORICA LD in patients who have completed skeletal growth. The use of another course of ABSORICA/ABSORICA LD therapy is not recommended before a two-month waiting period because the patient's acne may continue to improve after a 15 to 20-week course of therapy. The optimal interval before retreatment has not been defined for patients who have not completed skeletal growth.

Long-term use of ABSORICA/ABSORICA LD, even in low dosages, has not been studied, and is not recommended. The effect of long-term use of ABSORICA/ABSORICA LD on bone loss is unknown [see *Warnings and Precautions (5.12)*].

2.3 Laboratory Testing Prior to Administration

The following laboratory testing must be completed prior to ABSORICA/ABSORICA LD use:

- Pregnancy testing: Ensure patient is not pregnant prior to administering ABSORICA/ABSORICA LD [see *Contraindications (4) and Use in Specific Populations (8.1, 8.3)*]
- A fasting lipid profile including triglycerides [see *Warnings and Precautions (5.8, 5.15)*].
- Liver function tests [see *Warnings and Precautions (5.10, 5.15)*].

3 DOSAGE FORMS AND STRENGTHS

ABSORICA and ABSORICA LD have different dosage regimens [see *Dosage and Administration (2.1)*]. Although ABSORICA and ABSORICA LD have a 20 mg strength, these strengths have different bioavailability and are not substitutable.

ABSORICA is available in 10 mg, 20 mg, 25 mg, 30 mg, 35 mg and 40 mg capsules.

- **10 mg:** Dark yellow, opaque, capsule imprinted with black ink “G 240” on cap and “10” on the body
- **20 mg:** Red, opaque, capsule imprinted with black ink “G 241” on cap and “20” on the body
- **25 mg:** Green, opaque, capsule imprinted with white ink “G 342” on cap and “25” on the body
- **30 mg:** Brown, opaque, capsule imprinted with white ink “G 242” on cap and “30” on the body
- **35 mg:** Dark blue, opaque, capsule imprinted with white ink “G 343” on cap and “35” on the body
- **40 mg:** Brown and red, capsule imprinted with white ink “G 325” on cap and “40” on the body

ABSORICA LD is available in 8 mg, 16 mg, 20 mg, 24 mg, 28 mg and 32 mg opaque-printed, hard-gelatin capsules.

- **8 mg:** A size 3, light green with a colorless band (the cap is printed in white with “RL29” and the body is printed in white with “RL29”).
- **16 mg:** A size 2, dark blue with a colorless band (the cap is printed in white with “RL30” and the body is printed in white with “RL30”).
- **20 mg:** A size 1, dark pink with a colorless band (the cap is printed in black with “RL33” and the body is printed in black with “RL33”).
- **24 mg:** A size 1, yellow with a colorless band (the cap is printed in white with “RL31” and the body is printed in white with “RL31”).
- **28 mg:** A size 0, light blue, with a colorless band (the cap is printed in black with “RL34” and the body is printed in black with “RL34”).
- **32 mg:** A size 0, caramel with a colorless band (the cap is printed in white with “RL32” and the body is printed in white with “RL32”).

4 CONTRAINDICATIONS

4.1 Pregnancy

ABSORICA/ABSORICA LD is contraindicated in pregnancy [see *Warnings and Precautions (5.1) and Use in Specific Populations (8.1)*].

4.2 Hypersensitivity

ABSORICA/ABSORICA LD is contraindicated in patients with hypersensitivity to isotretinoin (or Vitamin A, given the chemical similarity to isotretinoin) or to any of its components (anaphylaxis and other allergic reactions have occurred) [see *Warnings and Precautions (5.14)*].

5 WARNINGS AND PRECAUTIONS

5.1 Embryo-Fetal Toxicity

ABSORICA/ABSORICA LD is contraindicated in pregnancy [see *Contraindications (4.1)*]. Based on human data, ABSORICA/ABSORICA LD can cause fetal harm when administered to a pregnant patient. There is an extremely high risk that severe birth defects will result if pregnancy occurs while taking any amount of ABSORICA/ABSORICA LD even for short periods of time. Potentially any fetus

exposed during pregnancy can be affected. There are no accurate means of determining prenatally whether an exposed fetus has been affected. Major congenital malformations, spontaneous abortions, and premature births have been documented following exposure to isotretinoin during pregnancy [*see Use in Specific Populations (8.1)*].

If a pregnancy occurs during ABSORICA/ABSORICA LD treatment, discontinue ABSORICA/ABSORICA LD immediately and refer the patient to an obstetrician/gynecologist experienced in reproductive toxicity for further evaluation and counseling. Any suspected fetal exposure during or 1 month after ABSORICA/ABSORICA LD therapy must be reported immediately to the FDA via the MedWatch telephone number 1-800-FDA-1088, and also to the iPLEDGE pregnancy registry at 1-866-495-0654 or via the internet (www.ipledgeprogram.com).

Patients must be informed not to donate blood during ABSORICA/ABSORICA LD therapy and for 1 month following discontinuation because the blood might be given to a pregnant patient whose fetus must not be exposed to isotretinoin.

ABSORICA/ABSORICA LD is available only through a restricted program under a REMS [*see Warnings and Precautions (5.2)*].

5.2 iPLEDGE Program

ABSORICA/ABSORICA LD are available only through a restricted program under a REMS called the iPLEDGE REMS because of the risk of embryo-fetal toxicity [*see Warnings and Precautions (5.1)*]. Notable requirements of the iPLEDGE REMS include the following:

- Prescribers must be certified with the program and comply with the following requirements:
 - Determine reproductive status of all patients prior to initiating treatment
 - Provide contraception counseling to patients who can get pregnant prior to and during treatment, or refer patients who can get pregnant to an expert for such counseling
 - Provide scheduled pregnancy testing, and verify and document the negative pregnancy test result prior to writing each prescription, for no more than a 30-day supply
- Patients who can become pregnant must be enrolled by signing an informed consent form and must comply with the following requirements
 - Comply with the pregnancy testing and contraception requirements [*see Use in Specific Populations (8.3)*]
 - Demonstrate comprehension of the safe-use conditions of the program every month
 - Obtain the prescription within 7 days of the pregnancy test collection
- Patients who cannot become pregnant must be enrolled by signing an informed consent form and must obtain the prescription within 30 days of the office visit
- Pharmacies that dispense ABSORICA/ABSORICA LD must be certified by being registered and activated in the program, must only dispense to patients who are authorized to receive ABSORICA/ABSORICA LD, and comply with the following requirements:
 - Only dispense a maximum of a 30-day supply with a Medication Guide.
 - Do not dispense refills. Dispense only with a new prescription and a new authorization from the program.
 - Return ABSORICA/ABSORICA LD to inventory if patients do not obtain the prescription by the “Do Not Dispense To After” date
- Wholesalers and distributors must be registered with the program and must only distribute to

certified pharmacies.

Further information, including a list of qualified pharmacies and distributors, is available at www.ipledgeprogram.com or 1-866-495-0654.

5.3 ABSORICA and ABSORICA LD are Not Substitutable

Given that the bioavailability and the recommended dosage of ABSORICA and ABSORICA LD are different, ABSORICA and ABSORICA LD are not substitutable. For example, ABSORICA and ABSORICA LD have a 20 mg strength; however, these strengths have different bioavailability and are not substitutable.

5.4 Psychiatric Disorders

ABSORICA/ABSORICA LD may cause depression, psychosis and, rarely, suicidal ideation, suicide attempts, suicide, and aggressive and/or violent behaviors [see *Adverse Reactions (6)*].

Healthcare providers should be alert to the warning signs of psychiatric disorders to help ensure patients receive the help they need (Prescribers should read the brochure, *Recognizing Psychiatric Disorders in Adolescents and Young Adults: A Guide for Prescribers of Isotretinoin*). Prior to initiation of ABSORICA/ABSORICA LD therapy, patients and family members should be asked about any history of psychiatric disorder, and at each visit during therapy patients should be assessed for symptoms of depression, mood disturbance, psychosis, or aggression to determine if further evaluation is necessary.

Patients should immediately stop ABSORICA/ABSORICA LD and the patient (or caregiver) should promptly contact their prescriber if the patient develops depression, mood disturbance, psychosis, or aggression. Discontinuation of ABSORICA/ABSORICA LD may be insufficient; further evaluation may be necessary such as a referral to a mental healthcare professional.

5.5 Intracranial Hypertension (Pseudotumor Cerebri)

Isotretinoin use has been associated with cases of intracranial hypertension (pseudotumor cerebri), some of which involved concomitant use of tetracyclines. Concomitant treatment with tetracyclines should therefore be avoided with ABSORICA/ABSORICA LD use. Early signs and symptoms of intracranial hypertension include papilledema, headache, nausea and vomiting, and visual disturbances. Patients with these symptoms should be screened for papilledema and, if present, they should be told to discontinue ABSORICA/ABSORICA LD immediately and be referred to a neurologist for further diagnosis and care [see *Adverse Reactions (6)*].

5.6 Serious Skin Reactions

There have been postmarketing reports of erythema multiforme and severe skin reactions [e.g., Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN)] associated with isotretinoin use. These reactions may be serious and result in death, life-threatening events, hospitalization, or disability. Patients should be monitored closely for severe skin reactions, and ABSORICA/ABSORICA LD should be discontinued if they occur.

5.7 Pancreatitis

Acute pancreatitis has been reported with isotretinoin use in patients with either elevated or normal serum triglyceride levels. In rare instances, fatal hemorrhagic pancreatitis has been reported. If symptoms of pancreatitis occur, discontinue ABSORICA/ABSORICA LD and seek medical attention.

5.8 Lipid Abnormalities

Elevations of serum triglycerides above 800 mg/dL have been reported with isotretinoin use. In clinical trials, marked elevations of serum triglycerides, decreases in high-density lipoproteins (HDL), and increases in cholesterol levels were reported in 25%, 15%, and 7% of patients treated with isotretinoin

capsules, respectively. These lipid changes were reversible upon isotretinoin capsule cessation. Some patients have been able to reverse triglyceride elevation by reduction in weight and restriction of dietary fat and alcohol while continuing isotretinoin or through dosage reduction. The cardiovascular consequences of hypertriglyceridemia associated with isotretinoin are unknown.

Fasting lipid tests should be performed before ABSORICA/ABSORICA LD treatment and then at intervals until the lipid response to ABSORICA/ABSORICA LD is known, which usually occurs within 4 weeks. Careful consideration should be given to risk/benefit of ABSORICA/ABSORICA LD in patients who are at higher risk of hypertriglyceridemia (e.g., patients with diabetes, obesity, increased alcohol intake, lipid metabolism disorder or familial history of lipid metabolism disorder). If ABSORICA/ABSORICA LD therapy is instituted in such patients, more frequent checks of serum values for lipids are recommended [see *Warnings and Precautions (5.15)*]. ABSORICA/ABSORICA LD should be stopped if hypertriglyceridemia cannot be controlled.

5.9 Hearing Impairment

Impaired hearing has been reported in patients taking isotretinoin; in some cases, the hearing impairment has been reported to persist after therapy has been discontinued. Mechanism(s) and causality for this reaction have not been established. Patients who experience tinnitus or hearing impairment should discontinue ABSORICA/ABSORICA LD treatment and be referred for specialized care for further evaluation.

5.10 Hepatotoxicity

Clinical hepatitis has been reported with isotretinoin use. Additionally, mild to moderate elevations of liver enzymes have been observed in approximately 15% of individuals treated during clinical trials with isotretinoin capsules, some of which normalized with dosage reduction or continued administration of the drug. If normalization does not readily occur or if hepatitis is suspected during treatment, ABSORICA/ABSORICA LD should be discontinued.

5.11 Inflammatory Bowel Disease

Isotretinoin has been associated with inflammatory bowel disease (including regional ileitis) in patients without a prior history of intestinal disorders. In some instances, symptoms have been reported to persist after isotretinoin treatment has been stopped. Patients experiencing abdominal pain, rectal bleeding or severe diarrhea should discontinue ABSORICA/ABSORICA LD immediately [see *Adverse Reactions (6)*].

5.12 Musculoskeletal Abnormalities

Bone Mineral Density Changes, Osteoporosis, and Fractures

Isotretinoin may have a negative effect on bone mineral density (BMD) in some patients. In a clinical trial of ABSORICA and another isotretinoin capsule product, 27/306 (9%) of adolescents had BMD declines, defined as $\geq 4\%$ lumbar spine or total hip, or $\geq 5\%$ femoral neck, during the 20-week treatment period. Repeat scans conducted within 2 to 3 months after the post-treatment scan showed no recovery of BMD. Long-term data at 4 to 11 months showed that 3 out of 7 patients had total hip and femoral neck BMD below pre-treatment baseline, and 2 others did not show the increase in BMD above baseline expected in this adolescent population. Therefore, healthcare providers should use caution when prescribing ABSORICA/ABSORICA LD to patients with a history of childhood osteoporosis conditions, osteomalacia, or other disorders of bone metabolism. This would include patients diagnosed with anorexia nervosa and those who are on chronic drug therapy that causes drug-induced osteoporosis/osteomalacia and/or affects vitamin D metabolism, such as systemic corticosteroids and any anticonvulsant [see *Use in Specific Populations (8.4)*].

There have been spontaneous reports of osteoporosis, osteopenia, fractures and/or delayed healing of fractures in patients while on therapy with isotretinoin or following cessation of therapy with

isotretinoin.

Patients in early and late adolescence who participate in sports with repetitive impact may be at an increased risk of spondylolisthesis with and without pars fractures, and hip growth plate injuries have been reported.

Musculoskeletal Abnormalities

Approximately 16% of patients treated with isotretinoin capsules in a clinical trial developed musculoskeletal symptoms (including arthralgia) during treatment. In general, these symptoms were mild to moderate, but occasionally required discontinuation of isotretinoin.

In a trial of pediatric patients treated with isotretinoin capsules, approximately 29% (104/358) developed back pain. Back pain was severe in 14% (14/104) of the cases and occurred at a higher frequency in female patients than male patients.

Arthralgias were experienced in 22% (79/358) of pediatric patients. Arthralgias were severe in 8% (6/79) of patients. Appropriate evaluation of the musculoskeletal system should be done in patients who present with these symptoms during or after a course of ABSORICA/ABSORICA LD. Consider discontinuing ABSORICA/ABSORICA LD if any significant abnormality is found.

Effects of multiple courses of isotretinoin on the developing musculoskeletal system are unknown. There is some evidence that long-term, high-dose, or multiple courses of therapy with isotretinoin have more of an effect than a single course of therapy on the musculoskeletal system. It is important that ABSORICA/ABSORICA LD be given at the recommended dose for no longer than the recommended duration.

Hyperostosis

A high prevalence of skeletal hyperostosis was noted in clinical trials for disorders of keratinization with a mean dose of 2.24 mg/kg/day of isotretinoin capsules (approximately 1.1 times the maximum recommended daily dosage). Additionally, skeletal hyperostosis was noted in 6 of 8 patients in a prospective trial of disorders of keratinization. Minimal skeletal hyperostosis and calcification of ligaments and tendons have also been observed by x-ray in prospective trials of nodular acne patients treated with a single course of therapy at recommended doses. The skeletal effects of multiple isotretinoin treatment courses for acne are unknown.

In a clinical trial of 217 pediatric patients (12 to 17 years) with severe recalcitrant nodular acne, hyperostosis was not observed after 16 to 20 weeks of treatment with approximately 1 mg/kg/day of isotretinoin capsules given in two divided doses. Hyperostosis may require a longer time frame to appear. The clinical course and significance remain unknown.

Premature Epiphyseal Closure

There are spontaneous literature reports of premature epiphyseal closure in acne patients receiving recommended doses of isotretinoin capsules. The effect of multiple courses of isotretinoin on epiphyseal closure is unknown.

In a 20-week clinical trial that included 289 adolescents on ABSORICA or another isotretinoin capsule product who had hand radiographs taken to assess bone age, a total of 9 (3%) patients had bone age changes that were clinically significant and for which a drug-related effect cannot be excluded.

5.13 Ocular Abnormalities

Visual problems should be carefully monitored. If visual difficulties occur, discontinue ABSORICA/ABSORICA LD treatment and obtain an ophthalmological examination [*see Adverse Reactions (6)*].

Corneal Opacities

Corneal opacities have occurred in patients receiving isotretinoin capsules and more frequently when

higher drug dosages were used in patients with disorders of keratinization. The corneal opacities that have been observed in clinical trial patients treated with isotretinoin capsules have either completely resolved or were resolving at follow-up 6 to 7 weeks after discontinuation of isotretinoin [*see Adverse Reactions (6)*].

Decreased Night Vision

Decreased night vision has been reported during isotretinoin use and in some instances the event has persisted after therapy was discontinued. Because the onset in some patients was sudden, patients should be advised of this potential problem and warned to be cautious when driving or operating any vehicle at night.

Dry Eyes

Dry eyes has been reported in patients during isotretinoin use. Patients who wear contact lenses may have trouble wearing them while on ABSORICA/ABSORICA LD treatment and afterwards.

5.14 Hypersensitivity Reactions

Anaphylactic reactions and other allergic reactions have been reported with isotretinoin use. Cutaneous allergic reactions and serious cases of allergic vasculitis, often with purpura (bruises and red patches) of the extremities and extracutaneous involvement (including renal) have been reported. Severe allergic reaction necessitates discontinuation of therapy and appropriate medical management.

Allergic Reactions Due to the Inactive Ingredient (FD&C Yellow No. 5) in the 25 mg ABSORICA Capsule

The 25 mg ABSORICA capsule contains FD&C Yellow No. 5 (tartrazine) which may cause allergic-type reactions (including bronchial asthma) in certain susceptible persons. Although the overall incidence of tartrazine sensitivity in the general population is low, it is frequently seen in patients who also have aspirin hypersensitivity. The 10 mg, 20 mg, 30 mg, 35 mg, and 40 mg ABSORICA capsules do not contain FD&C Yellow No. 5 and all of the ABSORICA LD capsules do not contain FD&C Yellow No. 5. Thus, in patients with allergic reactions to tartrazine, avoid using the 25 mg ABSORICA capsules.

5.15 Laboratory Abnormalities and Laboratory Monitoring for Adverse Reactions

Laboratory Monitoring

Pregnancy Testing

A pregnancy test must be **obtained prior to obtaining a prescription**, repeated each month, at the end of the entire course of ABSORICA/ABSORICA LD therapy and 1 month after the discontinuation of ABSORICA/ABSORICA LD [*see Use in Specific Populations (8.3)*].

Lipid Tests

Pretreatment and follow-up fasting lipid tests should be obtained under fasting conditions. After consumption of alcohol, at least 36 hours should elapse before testing is performed. It is recommended that these tests be performed periodically until the lipid response to ABSORICA/ABSORICA LD is known. The incidence of hypertriglyceridemia is 25% in patients treated with isotretinoin capsules [*see Warnings and Precautions (5.8)*].

Liver Function Tests

As elevations of liver enzymes have been observed during clinical trials, and hepatitis has been reported in patients on isotretinoin capsules, pretreatment and follow-up liver function tests should be performed periodically until the response to ABSORICA/ABSORICA LD is known [*see Warnings and Precautions (5.10)*].

Additional Laboratory Abnormalities

Glucose

With isotretinoin use, some patients have experienced problems in the control of their blood sugar. In addition, new cases of diabetes have been diagnosed during isotretinoin use.

CPK

Some patients undergoing vigorous physical activity while taking isotretinoin have experienced elevated CPK levels; however, the clinical significance is unknown. There have been rare postmarketing reports of rhabdomyolysis with isotretinoin use, some associated with strenuous physical activity. In a clinical trial of 924 patients, marked elevations in CPK (≥ 350 U/L) were observed in approximately 24% of patients treated with isotretinoin capsules.

In another clinical trial of 217 pediatric patients (12 to 17 years old) elevations in CPK were observed in 12% of patients, including those undergoing strenuous physical activity in association with reported musculoskeletal adverse events such as back pain, arthralgia, limb injury, or muscle sprain. In these patients, approximately half of the CPK elevations returned to normal within 2 weeks and half returned to normal within 4 weeks. No cases of rhabdomyolysis were reported in this clinical trial.

6 ADVERSE REACTIONS

The following adverse reactions with ABSORICA/ABSORICA LD or other isotretinoin capsule products are described in more detail in other sections of the labeling:

- Embryo-Fetal Toxicity [*see Warnings and Precautions (5.1)*]
- Psychiatric Disorders [*see Warnings and Precautions (5.4)*]
- Intracranial Hypertension (Pseudotumor Cerebri) [*see Warnings and Precautions (5.5)*]
- Serious Skin Reactions [*see Warnings and Precautions (5.6)*]
- Pancreatitis [*see Warnings and Precautions (5.7)*]
- Lipid Abnormalities [*see Warnings and Precautions (5.8)*]
- Hearing Impairment [*see Warnings and Precautions (5.9)*]
- Hepatotoxicity [*see Warnings and Precautions (5.10)*]
- Inflammatory Bowel Disease [*see Warnings and Precautions (5.11)*]
- Musculoskeletal Abnormalities [*see Warnings and Precautions (5.12)*]
- Ocular Abnormalities [*see Warnings and Precautions (5.13)*]
- Hypersensitivity Reactions [*see Warnings and Precautions (5.14)*]

The following adverse reactions associated with the use of isotretinoin capsules were identified in clinical studies or postmarketing reports. Because some of these reactions were reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

Dose Relationship

Cheilitis and hypertriglyceridemia were dose related.

Body as a Whole

Fatigue, irritability, pain, allergic reactions, systemic hypersensitivity, edema, lymphadenopathy, weight loss.

Cardiovascular

Vascular thrombotic disease, stroke, palpitation, tachycardia.

Endocrine/Metabolism and Nutritional

Decreased appetite, weight fluctuation, alterations in blood sugar.

Gastrointestinal

Dry lips, chapped lips, cheilitis, nausea, constipation, diarrhea, abdominal pain, vomiting, inflammatory bowel disease,

hepatitis, pancreatitis, bleeding and inflammation of the gums, colitis, esophagitis, esophageal ulceration, ileitis.

Hematologic

Anemia and decreased RBC parameters, thrombocytopenia, increased platelet counts, decreased WBC counts, severe neutropenia, rare reports of agranulocytosis.

Infections and Infestations

Nasopharyngitis, hordeolum, infections (including disseminated herpes simplex and upper respiratory tract infection).

Laboratory Abnormalities

The following lab tests were increased: creatine phosphokinase (CPK), triglycerides, alanine aminotransferase (SGPT), aspartate aminotransferase (SGOT), gamma-glutamyltransferase (GGTP), cholesterol, low density lipoprotein (LDL), alkaline phosphatase, bilirubin, LDH, fasting blood glucose, uric acid, and sedimentation rate. However, high density lipoprotein (HDL) was decreased. Urine findings included increased white cells, proteinuria, microscopic or gross hematuria.

Musculoskeletal and Connective Tissue

Decreases in bone mineral density, musculoskeletal symptoms (sometimes severe) including back pain, arthralgia, musculoskeletal pain, neck pain, extremity pain, myalgia, musculoskeletal stiffness [*see Warnings and Precautions (5.12)*], skeletal hyperostosis, calcification of tendons and ligaments, premature epiphyseal closure, tendonitis, arthritis, transient chest pain, and rare reports of rhabdomyolysis.

Neurological

Headache, syncope, intracranial hypertension (pseudotumor cerebri), dizziness, drowsiness, lethargy, malaise, nervousness, paresthesia, seizures, stroke, weakness.

Psychiatric

Suicidal ideation, insomnia, anxiety, depression, irritability, panic attack, anger, euphoria, violent behaviors, emotional instability, suicide attempts, suicide, aggression, psychosis and auditory hallucinations. Of the patients reporting depression, some reported that the depression subsided with discontinuation of therapy and recurred with reinstitution of therapy.

Reproductive System

Abnormal menses, sexual dysfunction, including erectile dysfunction and decreased libido.

Respiratory

Epistaxis, nasal dryness, bronchospasm (with or without a history of asthma), respiratory infection, voice alteration.

Skin and Subcutaneous Tissue

Dry skin, dermatitis, eczema, rash, contact dermatitis, alopecia, pruritus, sunburn, erythema, acne fulminans, alopecia (which in some cases persisted), bruising, dry nose, eruptive xanthomas, erythema multiforme, flushing, skin fragility, hair abnormalities, hirsutism, hyperpigmentation and hypopigmentation, nail dystrophy, paronychia, peeling of palms and soles, photoallergic/photosensitizing reactions, pruritus, pyogenic granuloma, rash (including facial erythema, seborrhea, and eczema), Stevens-Johnson syndrome, increased sunburn susceptibility, sweating, toxic epidermal necrolysis, urticaria, vasculitis (including granulomatosis with polyangiitis), abnormal wound

healing (delayed healing or exuberant granulation tissue with crusting).

Senses

Hearing: tinnitus and hearing impairment.

Ocular: dry eyes, reduced visual acuity, blurred vision, eye pruritis, eye irritation, asthenopia, decreased night vision, ocular hyperemia, increased lacrimation, conjunctivitis, corneal opacities, decreased night vision which may persist, cataracts, color vision disorder, conjunctivitis, eyelid inflammation, keratitis, optic neuritis, photobia, visual disturbances.

Renal and Urinary

Glomerulonephritis.

7 DRUG INTERACTIONS

7.1 Vitamin A

ABSORICA/ABSORICA LD is closely related to vitamin A. Therefore, the use of both vitamin A and ABSORICA/ABSORICA LD at the same time may lead to vitamin A related adverse reactions. Patients treated with ABSORICA/ABSORICA LD should be advised against taking supplements containing Vitamin A to avoid additive toxic effects.

7.2 Tetracyclines

Concomitant treatment with ABSORICA/ABSORICA LD and tetracyclines should be avoided because isotretinoin use has been associated with a number of cases of intracranial hypertension (pseudotumor cerebri), some of which involved concomitant use of tetracyclines [*see Warnings and Precautions (5.5)*].

7.3 Phenytoin

Phenytoin is known to cause osteomalacia. No formal clinical trials have been conducted to assess if there is an interactive effect on bone loss between phenytoin and isotretinoin. Therefore, caution should be exercised when using these drugs together.

7.4 Systemic Corticosteroids

Systemic corticosteroids are known to cause osteoporosis. No formal clinical trials have been conducted to assess if there is an interactive effect on bone loss with concomitant use of systemic corticosteroids and isotretinoin. Therefore, caution should be exercised when using these drugs together.

7.5 Norethindrone/ethinyl estradiol

In a trial of 31 premenopausal female patients with severe recalcitrant nodular acne receiving norethindrone and ethinyl estradiol as an oral contraceptive agent, isotretinoin capsules within the recommended dosage, did not induce clinically relevant changes in the pharmacokinetics of ethinyl estradiol and norethindrone and in the serum levels of progesterone, follicle-stimulating hormone (FSH) and luteinizing hormone (LH). Although this study did not show any clinically significant interaction between isotretinoin and norethindrone, it is not known if there is an interaction between isotretinoin with other progestins.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Pregnancy Exposure Registry

There is a pregnancy exposure registry that monitors pregnancy outcomes in patients exposed to isotretinoin during pregnancy. Report any suspected fetal exposure during or 1 month after ABSORICA/ABSORICA LD therapy immediately to the FDA via the MedWatch telephone number 1-800-FDA-1088 and also to the iPLEDGE pregnancy registry at 1-866-495-0654 or via the internet (www.ipledgeprogram.com).

Risk Summary

ABSORICA/ABSORICA LD are contraindicated during pregnancy because isotretinoin can cause fetal harm when administered to a pregnant patient. There is an increased risk of major congenital malformations, spontaneous abortions, and premature births following isotretinoin exposure during pregnancy in humans. If ABSORICA/ABSORICA LD is used during pregnancy, or if the patient becomes pregnant while taking ABSORICA/ABSORICA LD, the patient should be apprised of the potential hazard to a fetus. If pregnancy occurs during treatment of a patient who is taking ABSORICA/ABSORICA LD, ABSORICA/ABSORICA LD must be discontinued immediately and the patient should be referred to an Obstetrician-Gynecologist experienced in reproductive toxicity for further evaluation and counseling.

Data

Human Data

Major congenital malformations that have been documented following isotretinoin exposure include malformations of the face, eyes, ears, skull, central nervous system, cardiovascular system, and thymus and parathyroid glands. External malformations include: skull; ear (including anotia, micropinna, small or absent external auditory canals); eye (including microphthalmia); facial dysmorphism and cleft palate. Internal abnormalities include: CNS (including cerebral and cerebellar malformations, hydrocephalus, microcephaly, cranial nerve deficit); cardiovascular; thymus gland; parathyroid hormone deficiency. In some cases, death has occurred as a result of the malformations.

Cases of IQ scores less than 85 with or without other abnormalities have been reported in children exposed in utero to isotretinoin. An increased risk of spontaneous abortion and premature births have been reported with isotretinoin exposure during pregnancy.

8.2 Lactation

Risk Summary

There are no data on the presence of isotretinoin in either animal or human milk, the effects on the breastfed infant, or the effects on milk production. Because of the potential for serious adverse reactions in nursing infants from isotretinoin, advise patients that breastfeeding is not recommended during treatment with ABSORICA/ABSORICA LD, and for at least 8 days after the last dose of ABSORICA/ABSORICA LD.

8.3 Females and Males of Reproductive Potential

All patients who can become pregnant must comply with the iPLEDGE program requirements [*see Warnings and Precautions (5.2)*].

Pregnancy Testing

ABSORICA/ABSORICA LD must only be prescribed to patients who are known not to be pregnant as confirmed by a negative CLIA-certified laboratory conducted pregnancy test. Patients who can become pregnant must have had two negative urine or serum pregnancy tests with a sensitivity of at least 25 mIU/mL before receiving the initial ABSORICA/ABSORICA LD prescription (the interval between the two tests must be at least 19 days).

- The first test (a screening test) is obtained by the prescriber when the decision is made to prescribe ABSORICA/ABSORICA LD therapy.

- The second pregnancy test (a confirmation test) is performed after the patient has used 2 forms of contraception for 1 month and during the first 5 days of the menstrual period immediately preceding the beginning of ABSORICA/ABSORICA LD therapy (for patients with regular menstrual cycles) or immediately preceding the beginning of ABSORICA/ABSORICA LD therapy (for patients with amenorrhea, irregular cycles, or using a contraceptive method that precludes withdrawal bleeding).

A pregnancy test must be repeated each month, in a CLIA-certified laboratory prior to the patient receiving each prescription. A pregnancy test must also be completed at the end of the entire course of ABSORICA/ABSORICA LD therapy and 1 month after the discontinuation of ABSORICA/ABSORICA LD.

Contraception

Patients who can become pregnant must use 2 forms of contraception simultaneously, at least 1 of which must be a primary form, for at least 1 month prior to initiation of ABSORICA/ABSORICA LD therapy, during ABSORICA/ABSORICA LD therapy, and for 1 month after discontinuing ABSORICA/ABSORICA LD therapy. However, 2 forms of contraception is not required if the patient commits to continuous abstinence from not having any sexual contact with a partner which may result in pregnancy, has undergone a hysterectomy or bilateral oophorectomy, or has been medically confirmed to be post-menopausal. Micro-dosed progesterone preparations (“minipills” that do not contain an estrogen) are an inadequate method of contraception during ABSORICA/ABSORICA LD therapy.

| Primary forms | Secondary forms |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Tubal sterilization | Barrier: |
| <ul style="list-style-type: none"> • Male vasectomy | <ul style="list-style-type: none"> • male latex condom with or without spermicide |
| <ul style="list-style-type: none"> • Intrauterine device | <ul style="list-style-type: none"> • diaphragm with spermicide |
| <ul style="list-style-type: none"> • Hormonal (combination oral contraceptives, vaginal systems, vaginal inserts, transdermal systems, injections, or implants) | <ul style="list-style-type: none"> • cervical cap with spermicide |
| | Other: <ul style="list-style-type: none"> • Vaginal sponge (contains spermicide) |

Any birth control method can fail. There have been reports of pregnancy from patients who have used combination oral contraceptives, as well as contraceptive vaginal systems, vaginal inserts, transdermal systems, and injections; these pregnancies occurred while taking isotretinoin. These reports are more frequent for patients who use only a single method of contraception. Therefore, it is critically important that patients who can become pregnant use 2 methods of contraception simultaneously.

A clinical drug interaction study did not show any clinically significant interaction between isotretinoin and norethindrone and ethinyl estradiol; however, it is not known if there is an interaction between isotretinoin with other progestins [see

Drug Interactions (7.5)]. Prescribers are advised to consult the prescribing information of any medication administered concomitantly with hormonal contraceptives, since some medications may

decrease the effectiveness of these birth control products.

Patients who can become pregnant should be prospectively cautioned not to self-medicate with the herbal supplement St. John's Wort because of a possible interaction with hormonal contraceptives based on reports of breakthrough bleeding on oral contraceptives shortly after starting St. John's Wort. Pregnancies have been reported by users of combined hormonal contraceptives who also used some form of St. John's Wort.

If the patient has unprotected sexual contact with a partner that could result in pregnancy at any time 1 month before, during, or 1 month after therapy, the patient must:

- a. Stop taking ABSORICA/ABSORICA LD immediately, if on therapy
- b. Have a pregnancy test at least 19 days after the last act of unprotected sexual contact with a partner that could result in pregnancy
- c. Start using 2 forms of contraception simultaneously again for 1 month before resuming ABSORICA/ABSORICA LD therapy
- d. Have a second pregnancy test after using 2 forms of contraception for 1 month.

Infertility

In a trial of female acne patients (n = 79) receiving another isotretinoin capsule product, the mean total ovarian volume, the total antral follicle count and mean anti-Mullerian hormone decreased at the end of the treatment (sixth month). However, the values returned to normal at the 18th month (12 months after the end of treatment). There were no statistically significant changes in terms of follicle-stimulating hormone and luteinizing hormone, both at the end of the treatment and 12 months after the end of treatment. Although the results suggest that possible deteriorative effects of isotretinoin on ovarian reserve may be reversible, the study has important methodological limitations, including a small sample size, lack of a control group, and lack of generalizability.

Sperm Study

In trials of 66 men, 30 of whom were patients with nodular acne under treatment with oral isotretinoin, no significant changes were noted in the count or motility of spermatozoa in the ejaculate. In a study of 50 men (ages 17 to 32 years) receiving isotretinoin therapy for nodular acne, no significant effects were seen on ejaculate volume, sperm count, total sperm motility, morphology or seminal plasma fructose.

8.4 Pediatric Use

The safety and effectiveness of ABSORICA/ABSORICA LD for the treatment of severe recalcitrant nodular acne have been established in pediatric subjects ages 12 to 17 years. Use of ABSORICA/ABSORICA LD in this age group for this indication is supported by evidence from a clinical trial (Study 1) that compared the use ABSORICA to another isotretinoin capsule product in 397 pediatric subjects (12 to 17 years) [see *Clinical Studies (14)*] and pharmacokinetic data in pediatric subjects [see *Clinical Pharmacology (12.3)*].

The safety and effectiveness of ABSORICA/ABSORICA LD in pediatric patients less than 12 years of age have not been established.

Adverse Reactions in Pediatric Subjects

In trials with isotretinoin capsules, adverse reactions reported in pediatric subjects aged 12 to 17 years old were similar to those described in adults except for the increased incidence of back pain and arthralgia (both of which were sometimes severe) and myalgia in pediatric subjects. In a trial of pediatric subjects aged 12 to 17 years old treated with isotretinoin capsules, approximately 29% (104/358) developed back pain. Back pain was severe in 14% (14/104) of the cases and occurred at a higher frequency in female subjects than male subjects. Arthralgias were experienced in 22% (79/358) of pediatric subjects including severe arthralgias in 8% (6/79) of subjects. Appropriate evaluation of the musculoskeletal system should be done in adolescents who present with these symptoms during or

after a course of ABSORICA/ABSORICA LD. Consider discontinuing ABSORICA/ABSORICA LD if any significant abnormality is found.

Effects on Bone Mineral Density in Pediatric Subjects

The effect on bone mineral density (BMD) of a 20-week course of therapy with ABSORICA or another isotretinoin capsule product was evaluated in a double-blind, randomized clinical trial involving 396 adolescents with severe recalcitrant nodular acne (mean age 15.4 years old, range 12 to 17 years old, 80% males). Given that there were no statistically significant differences between the two isotretinoin capsule groups following 20 weeks of treatment, the results are presented for the pooled treatment groups. The mean changes in BMD from baseline for the overall trial population were 1.8% for lumbar spine, -0.1% for total hip and -0.3% for femoral neck. Mean BMD Z-scores declined from baseline at each of these sites (-0.053, -0.109 and -0.104 respectively). Out of 306 adolescents, 27 (9%) had clinically significant BMD declines defined as $\geq 4\%$ lumbar spine or total hip, or $\geq 5\%$ femoral neck, including 2 subjects for lumbar spine, 17 for total hip and 20 for femoral neck. Repeat DXA scans within 2 to 3 months after the post treatment scan showed no recovery of BMD. Long-term follow-up at 4 to 11 months showed that 3 out of 7 subjects had total hip and femoral neck BMD below pre-treatment baseline, and 2 others did not show the increase in BMD above baseline expected in this adolescent population. The significance of these changes in regard to long-term bone health and future fracture risk is unknown [see *Warnings and Precautions (5.12)*].

In an open-label clinical trial (N=217) of a single course of therapy with isotretinoin capsules for adolescents with severe recalcitrant nodular acne, BMD at several skeletal sites were not significantly decreased (lumbar spine change $> -4\%$ and total hip change $> -5\%$) or were increased in the majority of subjects. One patient had a decrease in lumbar spine BMD $> 4\%$ based on unadjusted data. Sixteen (8%) subjects had decreases in lumbar spine BMD $> 4\%$, and all the other subjects (92%) did not have significant decreases or had increases (adjusted for body mass index). Nine subjects (5%) had a decrease in total hip BMD $> 5\%$ based on unadjusted data. Twenty-one (11%) subjects had decreases in total hip BMD $> 5\%$, and all the other subjects (89%) did not have significant decreases or had increases (adjusted for body mass index). Follow-up trials performed in 8 of the subjects with decreased BMD for up to 11 months thereafter demonstrated increasing BMD in 5 subjects at the lumbar spine, while the other 3 subjects had lumbar spine BMD measurements below baseline values. Total hip BMD remained below baseline (range -1.6% to -7.6%) in 5 of 8 subjects (63%).

In a separate open-label extension trial of 10 subjects including those ages 13 to 17 years, who started a second course of isotretinoin capsules 4 months after the first course, two subjects showed a decrease in mean lumbar spine BMD up to 3.3%.

Epiphyseal Closure

There are reports of premature epiphyseal closure in acne patients who used isotretinoin at recommended doses. The effect of multiple courses of isotretinoin on epiphyseal closure is unknown. In a 20-week clinical trial that included 289 adolescents who had hand radiographs taken to assess bone age, a total of 9 subjects had bone age changes that were clinically significant and for which an isotretinoin-related effect cannot be excluded [see *Warnings and Precautions (5.12)*].

8.5 Geriatric Use

Clinical studies of ABSORICA/ABSORICA LD did not include sufficient numbers of geriatric subjects (subjects aged 65 years of age and older) to determine whether they respond differently from younger adults. Although reported clinical experience has not identified differences in responses between geriatric and younger adults, effects of aging may increase some risks associated with ABSORICA/ABSORICA LD therapy.

10 OVERDOSAGE

In humans, isotretinoin overdosage has been associated with vomiting, facial flushing, cheilosis,

abdominal pain, headache, dizziness, and ataxia. These symptoms quickly resolved without apparent residual effects.

Patients who can become pregnant who present with an ABSORICA/ABSORICA LD overdose should be evaluated for pregnancy. Because an overdose would be expected to result in higher levels of isotretinoin in semen than found during a normal treatment course, male patients treated with ABSORICA/ABSORICA LD should use a condom, or avoid reproductive sexual activity with a patient who is or might become pregnant, for 1 month after the overdose.

All patients with ABSORICA/ABSORICA LD overdose should not donate blood for at least 1 month.

11 DESCRIPTION

ABSORICA

ABSORICA (isotretinoin) Capsules contain 10 mg, 20 mg, 25 mg, 30 mg, 35 mg or 40 mg of isotretinoin (a retinoid) in hard gelatin capsules for oral administration. In addition to the active ingredient, isotretinoin, each capsule contains the following inactive ingredients: propyl gallate, sorbitan monooleate, soybean oil and stearyl polyoxylglycerides. The gelatin capsules contain the following dye systems:

- 10 mg – iron oxide (yellow) and titanium dioxide;
- 20 mg – iron oxide (red), and titanium dioxide;
- 25 mg – FD&C Blue #1, FD&C Yellow #5 [see *Warnings and Precautions (5.14)*], FD&C Yellow #6 and titanium dioxide;
- 30 mg – iron oxide (black, red and yellow) and titanium dioxide;
- 35 mg – FD&C Blue #2, iron oxide (black, red and yellow) and titanium dioxide;
- 40 mg – iron oxide (black, red and yellow) and titanium dioxide.

ABSORICA LD

ABSORICA LD (isotretinoin) Capsules contain 8 mg, 16 mg, 20 mg, 24 mg, 28 mg and 32 mg of micronized isotretinoin (a retinoid) in suspension filled in hard gelatin capsules for oral administration. In addition to the active ingredient, isotretinoin, USP each capsule contains the following inactive ingredients: butylated hydroxy anisole, gelatin, hard gelatin capsule shell, polysorbate 80 and soybean oil. The gelatin capsules contain the following dye systems:

- 8 mg – D&C Yellow #10, FD&C Blue #1, FD&C Red #40 and titanium dioxide
- 16 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 20 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 24 mg – D&C Yellow #10, FD&C Yellow #6 and titanium dioxide
- 28 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 32 mg – ferrousferrous oxide, ferric oxide (red and yellow) and titanium dioxide

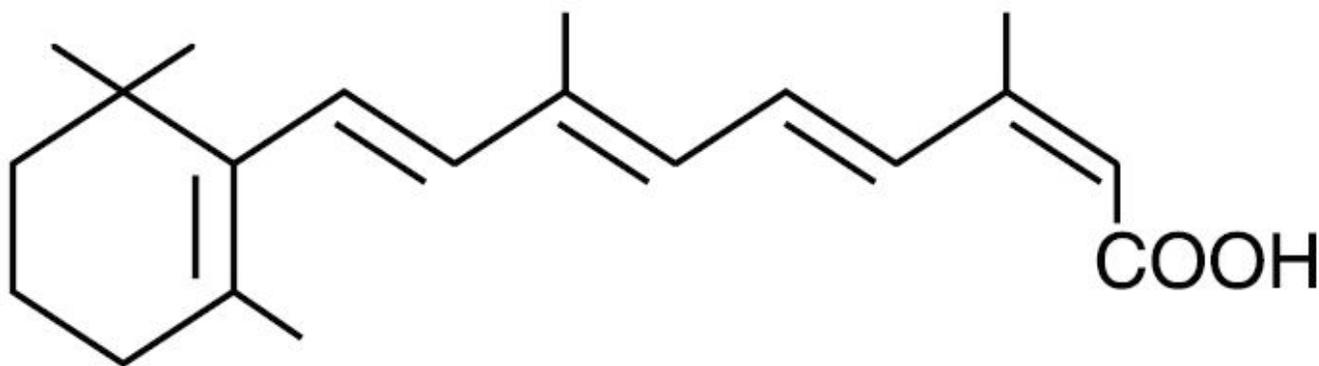
The imprinting ink of 8 mg, 16 mg, 24 mg and 32 mg capsules contain the following ingredients: potassium hydroxide, propylene glycol, shellac and titanium dioxide.

The imprinting ink of 20 mg and 28 mg capsules contain the following ingredients: ferrousferrous oxide, propylene glycol and shellac glaze.

Isotretinoin

Chemically, isotretinoin is 13-*cis*-retinoic acid and is related to both retinoic acid and retinol (vitamin A). It is a yellow to orange crystalline powder with a molecular weight of 300.44. It is practically insoluble in water, soluble in chloroform and sparingly soluble in alcohol and in isopropyl alcohol.

The structural formula is:



ABSORICA meets USP Dissolution Test 3.

For ABSORICA LD, FDA approved dissolution test differs from the USP.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

ABSORICA/ABSORICA LD is a retinoid, which when administered at the recommended dosage [see *Dosage and Administration (2.1)*], inhibits sebaceous gland function and keratinization. Clinical improvement in nodular acne patients occurs in association with a reduction in sebum secretion. The decrease in sebum secretion is temporary and is related to the dose and duration of treatment with isotretinoin capsules and reflects a reduction in sebaceous gland size and an inhibition of sebaceous gland differentiation. The exact mechanism of action of ABSORICA/ABSORICA LD in the treatment of severe recalcitrant nodular acne is unknown.

12.2 Pharmacodynamics

The pharmacodynamics of ABSORICA/ABSORICA LD are unknown.

12.3 Pharmacokinetics

No clinically significant differences in the pharmacokinetics of isotretinoin between patients with nodular acne and healthy subjects without acne were reported in published literature.

Absorption Following ABSORICA Administration

The ABSORICA mean T_{max} was 6.4 hours under fed conditions and 2.9 hours under fasting conditions following administration of a single 40 mg dose.

Effect on Food

No clinically significant differences in ABSORICA pharmacokinetics were observed following administration with a modified high-fat, high-calorie meal (123.2 calories from protein, 265.6 calories from carbohydrates, and 468 calories from fat; total calories 857 calories) with reduced vitamin A content. The mean AUC_{0-t} and C_{max} of isotretinoin were 6095 ng*hr/mL and 369 ng/mL, respectively, following administration of a single 40 mg ABSORICA dose under fed conditions; which were approximately 50% and 26% higher, respectively, compared to fasting conditions. However, ABSORICA may be given with or without meals [see *Dosage and Administration (2.1)*].

Absorption Following ABSORICA LD Administration

The ABSORICA LD median T_{max} was 5 hours under fed conditions and 3.5 hours under fasting conditions following administration of a single 32 mg dose.

Effect on Food

No clinically significant differences in ABSORICA LD pharmacokinetics were observed following administration with a high-fat, high-calorie meal (150 calories from protein, 250 calories from carbohydrates, and 500 calories from fat; total calories 900 calories). The mean AUC_{0-t} and C_{max} of isotretinoin were 10209 ng*hr/mL and 646 ng/mL, respectively, following administration of a single 32 mg ABSORICA LD dose under fed conditions; which were approximately 20% and 6% higher, respectively, compared to fasting conditions. However, ABSORICA LD may be given with or without meals [see *Dosage and Administration (2.1)*].

Distribution

Isotretinoin is more than 99.9% bound to plasma proteins, primarily albumin.

Elimination

The mean elimination half-lives of isotretinoin and its 4-oxo-isotretinoin metabolite were:

- 18 hours and 38 hours, respectively, after a single oral ABSORICA 40 mg dose.
- Approximately 24 hours and 38 hours, respectively, after a single oral ABSORICA LD 32 mg dose.

Metabolism: Isotretinoin is primarily metabolized by CYP2C8, 2C9, 3A4, and 2B6 in vitro. Isotretinoin and its metabolites are further metabolized into conjugates.

Following oral administration of isotretinoin capsules, at least three metabolites (4-oxo-isotretinoin, retinoic acid (tretinoin), and 4-oxo-retinoic acid (4-oxo-tretinoin)) have been identified in human plasma. The extent of formation of all metabolites was higher under fed conditions. All of these metabolites possess retinoid activity in vitro. The clinical significance is unknown.

Excretion: Following oral administration of an 80 mg dose of radiolabeled-isotretinoin as a liquid suspension, the metabolites of isotretinoin were excreted in feces and urine in relatively equal amounts (total of 65% to 83%).

Specific Populations

Pediatric Patients: No clinically significant differences in the pharmacokinetics of isotretinoin were observed based on age (12 to 15 years (n=38), and ≥ 18 years (n=19)). In both age groups, 4-oxo-isotretinoin was the major metabolite; tretinoin and 4-oxo-tretinoin were also observed [see *Use in Specific Populations (8.4)*].

Drug Interaction Studies

No clinically significant differences in the pharmacokinetics of phenytoin (CYP2C9 substrate) were observed when used concomitantly with isotretinoin.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis and Impairment of Fertility

In male and female Fischer 344 rats given oral isotretinoin at dosages of 8 or 32 mg/kg/day (1.3 or 5.3 times the recommended clinical ABSORICA dosage of 1 mg/kg/day or the recommended clinical ABSORICA LD dosage of 0.8 mg/kg/day, respectively, after normalization for total body surface area) for greater than 18 months, there was a dose-related increased incidence of pheochromocytoma relative to controls. The incidence of adrenal medullary hyperplasia was also increased at the higher dosage in both sexes. The relatively high level of spontaneous pheochromocytomas occurring in the male

Fischer 344 rat makes it an equivocal model for study of this tumor; therefore, the relevance of this tumor to humans is uncertain.

The Ames test was conducted with isotretinoin in two laboratories. The results of the tests in one laboratory were negative, while in the second laboratory, a weakly positive response (less than 1.6 times background) was noted in *S. typhimurium* TA100 when the assay was conducted with metabolic activation. No dose response effect was seen, and all other strains were negative. Additionally, other tests designed to assess genotoxicity (Chinese hamster cell assay, mouse micronucleus test, *S. cerevisiae* D7 assay, in vitro clastogenesis assay with human-derived lymphocytes, and unscheduled DNA synthesis assay) were all negative.

In rats, no adverse effects on gonadal function, fertility, conception rate, gestation or parturition were observed at oral dosages of isotretinoin of 2, 8, or 32 mg/kg/day (0.3, 1.3, or 5.3 times the recommended clinical ABSORICA dosage of 1 mg/kg/day or the recommended clinical ABSORICA LD dosage of 0.8 mg/kg/day, respectively, after normalization for total body surface area).

In dogs, testicular atrophy was noted after treatment with oral isotretinoin for approximately 30 weeks at dosages of 20 or 60 mg/kg/day (10 or 30 times the recommended clinical ABSORICA dosage of 1 mg/kg/day or the recommended clinical ABSORICA LD dosage of 0.8 mg/kg/day, respectively, after normalization for total body surface area). In general, there was microscopic evidence for appreciable depression of spermatogenesis, but some sperm were observed in all testes examined, and in no instance were completely atrophic tubules seen.

13.2 Animal Toxicology

In rats given 8 or 32 mg/kg/day of isotretinoin (1.3 or 5.3 times the recommended clinical ABSORICA dosage of 1 mg/kg/day or the recommended clinical ABSORICA LD dosage of 0.8 mg/kg/day, respectively, after normalization for total body surface area) for 18 months or longer, the incidences of focal calcification, fibrosis and inflammation of the myocardium, calcification of coronary, pulmonary and mesenteric arteries, and metastatic calcification of the gastric mucosa were greater than in control rats of similar age. Focal endocardial and myocardial calcifications associated with calcification of the coronary arteries were observed in two dogs after approximately 6 to 7 months of treatment with isotretinoin at a dosage of 60 to 120 mg/kg/day (30 to 60 times the recommended clinical ABSORICA dosage of 1 mg/kg/day or the recommended clinical ABSORICA LD dosage of 0.8 mg/kg/day, respectively, after normalization for total body surface area).

14 CLINICAL STUDIES

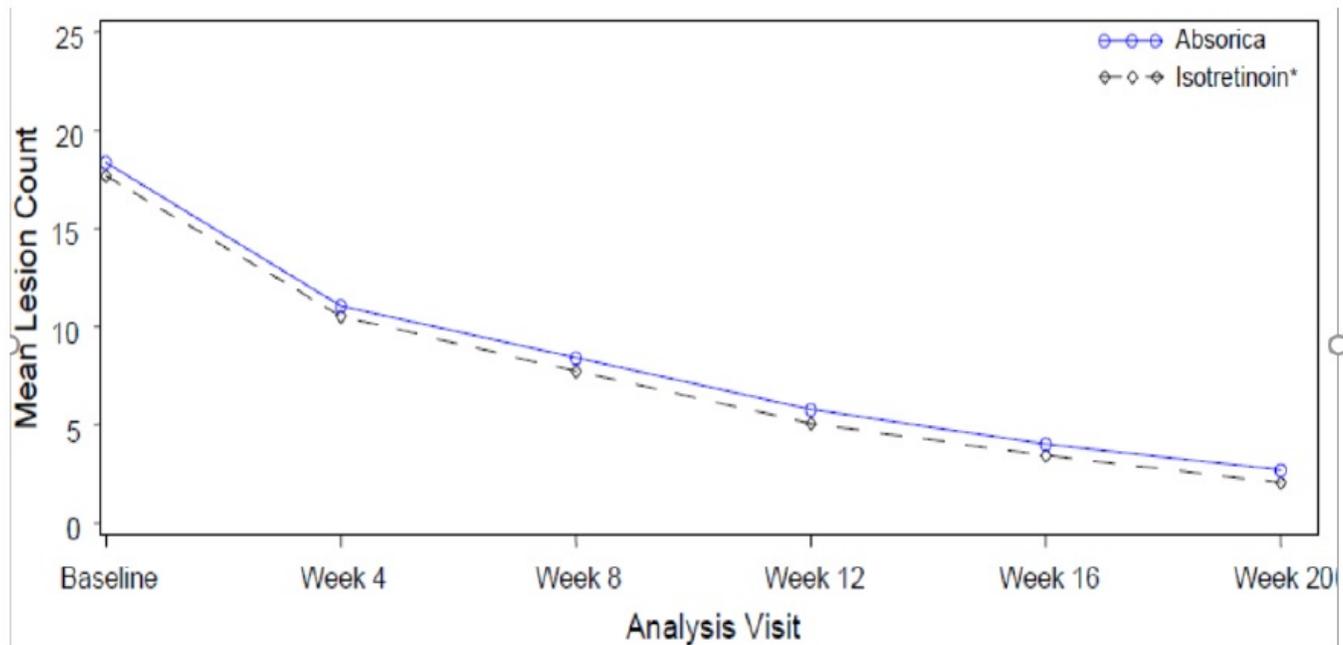
The effectiveness of ABSORICA/ABSORICA LD for the treatment of severe recalcitrant nodular acne in patients 12 years of age and older has been established and is based on a double-blind, randomized, parallel group trial (Study 1) in subjects with severe recalcitrant nodular acne who received ABSORICA or another isotretinoin capsule product under fed conditions. A total of 925 subjects were randomized 1:1 to receive ABSORICA or another isotretinoin capsule product. Study subjects ranged from 12 to 54 years of age (including 397 pediatric subjects 12 to 17 years old); 60% were male, 40% were female; and the racial groups included 87% White, 4% Black, 6% Asian, and 3% Other. Enrolled subjects had a weight of 40 to 110 kg and had at least 10 nodular lesions on the face and/or trunk. Subjects were treated with an initial dose of 0.5 mg/kg/day in two divided doses for the first 4 weeks, followed by 1 mg/kg/day in two divided doses for the following 16 weeks.

Change from baseline to Week 20 in total nodular lesion count and proportion of subjects with at least a 90% reduction in total nodular lesion count from baseline to Week 20 are presented in Table 3. Total nodular lesion counts by visit are presented in Figure 1. A single course of ABSORICA and another isotretinoin capsule product therapy for 15 to 20 weeks has been shown to result in complete and prolonged remission of acne in many patients.

Table 3: Efficacy Results in Subjects with Severe Recalcitrant Nodular Acne at Week 20 (Study 1)

| | ABSORICA N=464 | Another Isotretinoin Capsule Product* N=461 |
|------------------------------------------------|---------------------------|----------------------------------------------------------------|
| Nodular Lesions | 18.4 | 17.7 |
| Mean Baseline Count | -15.68 | -15.62 |
| Mean Reduction | | |
| Subjects Achieving 90% Reduction, n (%) | 324 (70%) | 344 (75%) |

Figure 1: Total Nodular (Facial and Truncal) Lesion Count in Subjects with Severe Recalcitrant Nodular Acne by Visit in Study 1



* Another isotretinoin capsule product.

15 REFERENCES

1. Cinar SL, Kartal D, Aksoy H, et al. Long-term effect of systemic isotretinoin on female fertility. *Cutan Ocul Toxicol.* 2017;36(2):132-134.

16 HOW SUPPLIED/STORAGE AND HANDLING

ABSORICA and ABSORICA LD have different dosage regimens. Although ABSORICA and ABSORICA LD have a 20 mg strength, these strengths have different bioavailability and are not substitutable [see *Dosage and Administration (2.1)*].

ABSORICA

ABSORICA (isotretinoin) Capsules (opaque) are supplied as follows:

- 10 mg: Dark yellow, capsule imprinted with black ink “G 240” on cap and “10” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-115-31

- 20 mg: Red, capsule imprinted with black ink “G 241” on cap and “20” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-116-31
- 25 mg: Green, capsule imprinted with white ink “G 342” on cap and “25” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-133-31
- 30 mg: Brown, capsule imprinted with white ink “G 242” on cap and “30” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-117-31
- 35 mg: Dark blue, capsule imprinted with white ink “G 343” on cap and “35” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-134-31
- 40 mg: Brown and red, capsule imprinted with white ink “G 325” on cap and “40” on the body
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-118-31

ABSORICA LD

ABSORICA LD (isotretinoin) Capsules (opaque-printed, hard-gelatin) are supplied as follows:

- 8 mg: A size 3, light green, capsules banded with a colorless band. The cap is printed in white with “RL29” and the body is printed in white with “RL29”.
Box of 30 capsules (3 x 10 Prescription Packs) NDC 10631-002-31
- 16 mg: A size 2, dark blue, capsules banded with a colorless band. The cap is printed in white with “RL30” and the body is printed in white with “RL30”.
Box of 30 capsules (3 x 10 Prescription Packs) NDC 10631-003-31
- 20 mg: A size 1, dark pink, capsules banded with a colorless band. The cap is printed in black with “RL33” and the body is printed in black with “RL33”.
Box of 30 capsules (3 x 10 Prescription Packs) NDC 10631-004-31
- 24 mg: A size 1, yellow, capsules banded with a colorless band. The cap is printed in white with “RL31” and the body is printed in white with “RL31”.
Box of 30 capsules (3 x 10 Prescription Packs) NDC 10631-005-31
- 28 mg: A size 0, light blue, capsules banded with a colorless band. The cap is printed in black with “RL34” and the body is printed in black with “RL34”.
Box of 30 capsules (3 x 10 Prescription Packs) NDC 10631-006-31
- 32 mg: A size 0, caramel, capsules banded with a colorless band. The cap is printed in white with “RL32” and the body is printed in white with “RL32”.
Box of 30 capsules (3 x 10 Prescription Packs): NDC 10631-007-31

Storage and Handling of ABSORICA and ABSORICA LD

Store at 20°C to 25°C (68°F to 77°F), excursions permitted between 15°C to 30°C (59°F to 86°F) [see USP controlled room temperature]. Protect from light.

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Medication Guide).

Embryo-Fetal Toxicity

There is an extremely high risk of severe birth defects when ABSORICA/ABSORICA LD is used in pregnancy [see *Warnings and Precautions (5.1) and Use in Specific Populations (8.1)*]. Instruct patients who can become pregnant that they must not be pregnant during or up to one month after ABSORICA/ABSORICA LD therapy. Instruct patients to not donate blood during ABSORICA/ABSORICA LD therapy and for 1 month following discontinuation to avoid blood donation to a pregnant patient.

iPLEDGE

ABSORICA and ABSORICA LD are available only through a restricted program called iPLEDGE [see *Warnings and Precautions (5.2)*]. Inform patients who can become pregnant of the following notable requirements. These patients must:

- Sign an informed consent form to be enrolled in the program
- Comply with the pregnancy testing and contraception requirements [see *Use in Specific Populations (8.3)*]
- Demonstrate comprehension of the safe-use conditions of the program every month
- Obtain the prescription within 7 days of the pregnancy test collection

Inform patients who cannot become pregnant of the following notable requirements. These patients must sign an informed consent form to enroll in the program and they must obtain the prescription within 30 days of the office visit. ABSORICA/ABSORICA LD is available only from certified pharmacies participating in the program. Therefore, provide patients with the telephone number and website for information on how to obtain ABSORICA/ABSORICA LD [see *Warnings and Precautions (5.2)*].

Lactation

Because of the potential for serious adverse reactions in nursing infants from isotretinoin, advise patients that breastfeeding is not recommended during treatment with ABSORICA/ABSORICA LD, and for at least 8 days after the last dose of ABSORICA/ABSORICA LD [see *Use in Specific Populations (8.2)*].

Psychiatric Disorders

Instruct patients and/or their caregivers/families that ABSORICA/ABSORICA LD may cause depression, psychosis, suicidal ideation, suicide attempts, and aggressive or violent behavior. Instruct patients to read the Recognizing Psychiatric Disorders in Adolescents and Young Adults brochure prior to taking ABSORICA/ABSORICA LD. Instruct patients to stop ABSORICA/ABSORICA LD and to contact a healthcare provider if they develop any of these signs or symptoms [see *Warnings and Precautions (5.4)*].

Important Administration Instructions

To decrease the risk of esophageal irritation, instruct patients to swallow the capsules with a full glass of liquid [see

Dosage and Administration (2.1)].

Intracranial Hypertension (Pseudotumor Cerebri)

Advise patients that intracranial hypertension (pseudotumor cerebri) has occurred with ABSORICA/ABSORICA LD use including concomitant use with tetracyclines. Thus, advise patients to avoid concomitant use with tetracyclines and to discontinue ABSORICA/ABSORICA LD immediately if they have symptoms of intracranial hypertension [see *Warnings and Precautions (5.5)*].

Serious Skin Reactions

Advise patients that severe skin reactions (Stevens-Johnson syndrome and toxic epidermal necrolysis) have been reported in patients treated with isotretinoin and to discontinue ABSORICA/ABSORICA LD if clinically significant skin reactions occur [see *Warnings and Precautions (5.6)*].

Inflammatory Bowel Disease

Advise patients that inflammatory bowel disease (including regional ileitis) have occurred with isotretinoin use including those without a prior history of IBD and if they experience IBD symptoms, they should discontinue

ABSORICA/ABSORICA LD immediately [see *Warnings and Precautions (5.11)*].

Musculoskeletal Abnormalities

Inform patients that:

- There have been reports of osteoporosis and fractures and that isotretinoin may have a negative effect on bone mineral density [see *Warnings and Precautions (5.12)*].
- Isotretinoin use has been associated with musculoskeletal abnormalities (e.g., arthralgia, back pain) [see *Warnings and Precautions (5.12)*].

Inform adolescents and their families that isotretinoin use in adolescents who participated in sports with repetitive impact increase their risk of spondylolisthesis or hip growth plate injuries [see *Warnings and Precautions (5.12)*]. Inform pediatric patients and their caregivers that pediatric patients treated with isotretinoin capsules developed back pain including severe back pain, and arthralgias including severe arthralgias [see *Use in Specific Populations (8.4)*].

Ocular Abnormalities

Inform patients that they may experience dry eyes, corneal opacities, and decreased night vision and contact lens wearers may experience decreased tolerance to contact lenses during and after therapy [see *Warnings and Precautions (5.13)*].

Rhabdomyolysis

Inform patients there have been rare postmarketing reports of rhabdomyolysis in patients treated with isotretinoin capsules, some associated with strenuous physical activity [see *Warnings and Precautions (5.15)*].

Hypersensitivity Reactions

Given that anaphylactic reactions and other allergic reactions have been reported in patients treated with isotretinoin capsules, instruct the patient to discontinue ABSORICA/ABSORICA LD and contact their healthcare provider if they have a severe allergic reaction [see *Warnings and Precautions (5.14)*].

Lipid Abnormalities

Instruct patients that hypertriglyceridemia, decreased HDL, and increased cholesterol levels were reported in patients treated with isotretinoin capsules [see *Warnings and Precautions (5.8)*].

Additional Instructions

Inform patients:

- To not share ABSORICA/ABSORICA LD with anyone else because of the risk of birth defects and other serious adverse reactions.
- That transient exacerbation (flare) of acne has been seen, generally during the initial period of therapy.
- That wax epilation and skin resurfacing procedures (such as dermabrasion, laser) should be avoided during ABSORICA/ABSORICA LD therapy and for at least 6 months thereafter due to the possibility of scarring.
- To avoid prolonged exposure to UV rays or sunlight.

Distributed by:

Sun Pharmaceutical Industries, Inc.
Cranbury, NJ 08512

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ABSORICA LD 8 mg, 16 mg, 20 mg, 24 mg, 28 mg and 32 mg is protected by US Patent No. US 9,700,535

and US 9,750,711.

Medication Guide

MEDICATION GUIDE
ABSORICA (ab-sore-i-kah)
(isotretinoin) capsules
ABSORICA (ab-sore-i-kah) LD
(isotretinoin) capsules

IMPORTANT: ABSORICA LD is not the same as ABSORICA or other isotretinoin generic products. Do not change between ABSORICA LD and ABSORICA or other isotretinoin generic products. Read the Medication Guide that comes with ABSORICA or ABSORICA LD before you start taking it and each time you get a prescription. There may be new information. This information does not take the place of talking with your healthcare provider about your medical condition or your treatment.

What is the most important information I should know about ABSORICA and ABSORICA LD?

- **ABSORICA and ABSORICA LD can harm your unborn baby, including birth defects (deformed babies), loss of a baby before birth (miscarriage), death of the baby, and early (premature) births.** Patients who are pregnant or who plan to become pregnant must not take ABSORICA or ABSORICA LD.

Patients must not get pregnant:

- for 1 month before starting ABSORICA or ABSORICA LD
- during treatment with ABSORICA or ABSORICA LD
- for 1 month after stopping ABSORICA or ABSORICA LD

If you get pregnant during treatment with ABSORICA or ABSORICA LD, stop taking it right away and call your healthcare provider. Healthcare providers and patients should report all cases of pregnancy during treatment or 1 month after stopping treatment to:

- FDA MedWatch at 1-800-FDA-1088, and
- the iPLEDGE Pregnancy Registry at 1-866-495-0654 or www.ipledgeprogram.com

Because ABSORICA and ABSORICA LD can cause birth defects, ABSORICA and ABSORICA LD are only for patients who can understand and agree to carry out all of the instructions in the iPLEDGE Program.

- **Serious mental health problems, including:**

- **depression**
- **psychosis** (seeing or hearing things that are not real)
- **suicide.** Some patients taking ABSORICA or ABSORICA LD have had thoughts about hurting themselves or putting an end to their own lives (suicidal thoughts). Some people tried to end their own lives. Some people have ended their own lives.

Stop taking ABSORICA or ABSORICA LD and call your healthcare

provider right away if you or a family member notices that you have any of the following signs and symptoms of depression or psychosis:

Your healthcare provider may tell you to see a mental healthcare professional if you had any of these symptoms.

What are ABSORICA and ABSORICALD?

ABSORICA and ABSORICA LD are prescription medicines used in patients 12 years of age and older, who are not pregnant, for the treatment of severe acne (nodular acne) that cannot be cleared up by any other acne treatments, including antibiotics. ABSORICA and ABSORICA LD can cause serious side effects (see **“What is the most important information I should know about ABSORICA and ABSORICALD?”**).

ABSORICA and ABSORICA LD can only be:

- prescribed by healthcare providers that are registered in the iPLEDGE Program
- dispensed by a pharmacy that is registered with the iPLEDGE Program
- given to patients who are registered in the iPLEDGE Program and agree to do everything required in the program.

It is not known if ABSORICA and ABSORICA LD are safe and effective in children less than 12 years of age.

Do not take ABSORICA or ABSORICALD if you:

- **are pregnant, plan to become pregnant, or become pregnant during ABSORICA and ABSORICALD treatment.** ABSORICA and ABSORICA LD cause severe birth defects. See **“What is the most important information I should know about ABSORICA and ABSORICALD?”**
- **are allergic to isotretinoin, vitamin A, or any of the ingredients in ABSORICA and ABSORICA LD.** See the end of this Medication Guide for a complete list of ingredients in ABSORICA and ABSORICA LD.

Before taking ABSORICA or ABSORICALD, tell your healthcare provider if you or a family member has any of the following health conditions:

- mental health problems
- asthma
- liver problems
- diabetes
- heart disease
- increase blood fat levels (cholesterol and triglycerides)
- bone loss (osteoporosis), weak bones or any other bone problems
- an eating problem called anorexia nervosa (where people eat too little)
- food or medicine allergies, including aspirin or tartrazine

Tell your healthcare provider if you are pregnant or breastfeeding. Do not breastfeed during treatment or for at least 8 days after the last dose of ABSORICA or ABSORICA LD.

Tell your healthcare provider about all of the medicines you take including prescription and over-the-counter medicines, vitamins and herbal supplements, including St. John's wort. ABSORICA and ABSORICA LD and certain other medicines can affect each other, sometimes causing serious side effects. Do not take the following medicines during treatment with ABSORICA or ABSORICA LD:

- vitamin A supplements
- tetracycline antibiotics

Know the medicines you take. Keep a list of them to show to your healthcare provider and pharmacist. Do not take any new medicine without talking with your healthcare provider.

How should I take ABSORICA and ABSORICALD?

You must take ABSORICA and ABSORICA LD exactly as prescribed. You must also follow all the instructions of the iPLEDGE Program. Before prescribing ABSORICA or ABSORICA LD, your healthcare provider will:

- explain the iPLEDGE Program to you
- have you sign the Patient Information/Informed Consent form (for all patients). Patients who can get pregnant must also sign another consent form.
- give you a pregnancy test to make sure you are not pregnant before you start ABSORICA or ABSORICA LD. You will receive 2 pregnancy tests at least 19 days apart.

You will not be prescribed ABSORICA or ABSORICALD if you cannot agree to or follow all the instructions of the iPLEDGE Program.

- You will get no more than a 30-day supply of ABSORICA or ABSORICA LD at a time. This is to make sure you are following the ABSORICA and ABSORICA LD iPLEDGE Program.
- The amount of ABSORICA or ABSORICA LD you take has been specially chosen for you. It is based on your body weight and may change during treatment.
- Take ABSORICA or ABSORICA LD 2 times a day with or without meals, unless your healthcare provider tells you otherwise. **Swallow your ABSORICA or ABSORICA LD capsules whole with a full glass of liquid. Do not chew or suck on the capsule.** ABSORICA and ABSORICA LD can hurt the tube that connects your mouth to your stomach (esophagus) if not swallowed whole.
- Your healthcare provider will tell you how long you will receive treatment with ABSORICA or ABSORICA LD. Your acne may continue to improve after treatment.
- If you miss a dose, just skip that dose. Do **not** take two doses at the same time.
- If you take too much ABSORICA or ABSORICA LD, call your healthcare

provider or poison control center right away.

- Your acne may get worse when you first start taking ABSORICA or ABSORICA LD. This should last only a short while. Talk with your healthcare provider if this is a concern for you.
- You must return to your healthcare provider as directed to make sure you don't have signs of serious side effects. Your healthcare provider may do blood tests to check for serious side effects from ABSORICA or ABSORICA LD and may stop treatment if you get certain side effects.
- Patients who can get pregnant will get a pregnancy test each month, after you finish your course of treatment, and 1 month after you stop treatment with ABSORICA or ABSORICA LD.
- Patients who can get pregnant must use two separate forms of birth control at the same time for at least 1 month before, during treatment, and for 1 month after treatment with ABSORICA or ABSORICA LD. **You must access the iPLEDGE Program system to answer questions about the program requirements and to enter your two chosen forms of birth control.** To access the iPLEDGE Program system, go to www.ipledgeprogram.com or call 1-866-495-0654.

Talk about birth control options with your healthcare provider or go for a free visit to talk about birth control with another healthcare provider or family planning expert. Your healthcare provider can arrange this **free** visit, which will be paid for by the company that makes ABSORICA and ABSORICA LD.

If you have sex at any time without using two forms of birth control 1 month before, during, or 1 month after treatment, get pregnant, or miss your expected period, stop taking ABSORICA or ABSORICALD and call your healthcare provider right away.

What should I avoid while taking ABSORICA or ABSORICALD?

- **Do not give blood** during treatment with ABSORICA or ABSORICA LD and for one month after stopping ABSORICA or ABSORICA LD. If someone who is pregnant gets your donated blood, their baby may be exposed to isotretinoin and may be born with birth defects.
- **Do not take other medicines or herbal products** with ABSORICA or ABSORICA LD unless you talk to your healthcare provider. See **“Before taking ABSORICA or ABSORICALD”**
- **Do not drive at night until you know if ABSORICA or ABSORICALD has affected your vision.** ABSORICA and ABSORICA LD may decrease your ability to see in the dark.
- **Do not have cosmetic procedures to smooth your skin, including waxing, dermabrasion, or laser procedures, during treatment with ABSORICA or ABSORICALD and for at least 6 months after you stop.** ABSORICA and ABSORICA LD can increase your chance of scarring from these procedures. Check with your healthcare provider for advice about when you can have cosmetic procedures.
- **Avoid sunlight and ultraviolet lights** as much as possible. Tanning machines use ultraviolet lights. ABSORICA and ABSORICA LD may make your skin more sensitive to light.
- **Do not share ABSORICA or ABSORICALD with other people.** ABSORICA and ABSORICA LD can cause birth defects and other

serious health problems.

What are the possible side effects of ABSORICA and ABSORICALD? ABSORICA and ABSORICA LD can cause serious side effects, including:

- See “**What is the most important information I should know about ABSORICA and ABSORICA LD**”?
 - **increased pressure in the brain (intracranial hypertension).** ABSORICA and ABSORICA LD can increase the pressure in your brain. This can lead to permanent loss of eyesight, and in rare cases, death. Stop taking ABSORICA or ABSORICA LD and call your healthcare provider right away if you get any of these signs of increased brain pressure:
 - **serious skin problems.** Skin rash can occur in patients taking ABSORICA or ABSORICA LD. Sometimes rash can be serious and may lead to death. Stop using ABSORICA or ABSORICA LD and call your healthcare provider right away if you get:
 - **inflammation of your pancreas (pancreatitis)** can happen in patients who take ABSORICA or ABSORICA LD and can lead to death. Call your healthcare provider right away if you have any of the following symptoms of pancreatitis:
 - **increased blood fat (lipid) levels.** ABSORICA and ABSORICA LD can raise blood fat levels (cholesterol and triglycerides). Your healthcare provider will do blood tests to check your lipids before and during treatment. These problems usually go away when ABSORICA or ABSORICA LD treatment is finished.
 - **hearing problems.** Stop using ABSORICA or ABSORICA LD and call your healthcare provider if your hearing gets worse or if you have ringing in your ears. Your hearing loss may be permanent.
 - **liver problems, including hepatitis.** Your healthcare provider will do tests to check your liver before and during treatment with ABSORICA or ABSORICA LD. Call your healthcare provider if you get:
 - **inflammation of your digestive tract (inflammatory bowel disease).** Stop taking ABSORICA or ABSORICA LD and call your healthcare provider if you get:
 - **bone and muscle problems.** Bone problems include bone pain, softening or thinning (which may lead to fractures). Tell your healthcare provider if you plan hard physical activity during treatment with ABSORICA or ABSORICA LD. Tell your healthcare provider if you get:
 - o back pain
 - o joint pain or muscle pain
 - o broken bone. Tell all healthcare providers that you take ABSORICA or ABSORICA LD if you break a bone.
- Stop ABSORICA or ABSORICALD and call your healthcare provider right away if you have muscle weakness. Muscle weakness with or without pain can be a sign of serious muscle damage.**

ABSORICA and ABSORICA LD may stop long bone growth in teenagers who are still growing.

- **vision problems.** Stop taking ABSORICA or ABSORICA LD and call your healthcare provider right away if you have any vision changes. ABSORICA and ABSORICA LD may affect your ability to see in the dark. This usually goes away after you stop taking ABSORICA or ABSORICA LD, but it may be permanent. Some patients get dry eyes during treatment. If you wear contact lenses, you may have trouble wearing them during and after you stop treatment with ABSORICA or ABSORICA LD.
- **serious allergic reactions.** Stop taking ABSORICA or ABSORICA LD and get emergency medical help right away if you get hives, a swollen face or mouth, or have trouble breathing. Stop taking ABSORICA or ABSORICA LD and call your healthcare provider if you get a fever, rash, or red patches or bruises on your legs.
- **blood sugar problems, including diabetes.** Tell your healthcare provider if you are very thirsty or urinate more than usual.

The most common side effects of ABSORICA and ABSORICALD include:

These are not all of the possible side effects of ABSORICA and ABSORICA LD. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088 or Sun Pharmaceutical Industries, Inc. at 1-800-818-4555.

How should I store ABSORICA and ABSORICALD?

- Store ABSORICA and ABSORICA LD at room temperature, 68°F to 77°F (20°C to 25°C). Protect from light.

Keep ABSORICA and ABSORICALD and all medicines out of the reach of children.

General Information about the safe and effective use of ABSORICA and ABSORICALD

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use ABSORICA or ABSORICA LD for a condition for which it was not prescribed. Do not give ABSORICA or ABSORICA LD to other people, even if they have the same symptoms that you have. It may harm them. You can ask your healthcare provider or pharmacist for information about ABSORICA and ABSORICA LD that is written for health professionals. You can also call iPLEDGE Program at 1-866-495-0654 or visit www.ipledgeprogram.com.

What are the ingredients in ABSORICA and ABSORICALD?

Active ingredient: isotretinoin

Inactive ingredients in ABSORICA: propyl gallate, sorbitan monooleate, soybean oil and stearyl polyoxylglycerides. The gelatin capsules contain the following dye systems:

- 10 mg – iron oxide (yellow) and titanium dioxide
- 20 mg – iron oxide (red), and titanium dioxide
- 25 mg – FD&C Blue #1, FD&C Yellow #5, FD&C Yellow #6 and titanium

dioxide

- 30 mg – iron oxide (black, red and yellow) and titanium dioxide
- 35 mg – FD&C Blue #2, iron oxide (black, red and yellow) and titanium dioxide
- 40 mg – iron oxide (black, red and yellow) and titanium dioxide

Inactive ingredients in ABSORICA LD: butylated hydroxy anisole, gelatin, hard gelatin capsule shell, polysorbate 80, and soybean oil. The gelatin capsules contain the following dye systems:

- 8 mg – D&C Yellow #10, FD&C Blue #1, FD&C Red #40 and titanium dioxide
- 16 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 20 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 24 mg – D&C Yellow #10, FD&C Yellow #6 and titanium dioxide
- 28 mg – FD&C Blue #1, FD&C Red #40, and titanium dioxide
- 32 mg – ferrousferrous oxide, ferric oxide (red and yellow) and titanium dioxide

The imprinting ink of 8 mg, 16 mg, 24 mg and 32 mg capsules contain the following ingredients: potassium hydroxide, propylene glycol, shellac and titanium dioxide.

The imprinting ink of 20 mg and 28 mg capsules contain the following ingredients: ferrousferrous oxide, propylene glycol and shellac glaze.

ABSORICA LD 8 mg, 16 mg, 20 mg, 24 mg, 28 mg and 32 mg is protected by US Patent No. US 9,700,535 and US 9,750,711.

All trademarks are property of their respective owners.

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Absorica 10 mg Blister



Attention: Absorica and Absorica LD are NOT substitute for the products we market.

Rx only

READ INFORMATION CAREFULLY
PATIENT

10 Capsules
Prescription Pack

Each capsule contains
10 mg isotretinoin, USP

10 mg

Absorica®
(isotretinoin) Capsules

NDC 10631-115-69

Attention Pharmacist:
Dispense with enclosed
Medication Guide.



PHARMACISTS:
DISPENSE INTACT.
PLACE PRESCRIPTION LABEL HERE

FEMALE PATIENTS: DO NOT GET PREGNANT

Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients.

It is important to watch the video and read all information in the materials given to you by your doctor.

- You MUST NOT take Absorica if you are pregnant because any amount can cause severe birth defects, even if taken for short periods during pregnancy.
- You MUST NOT become pregnant 1 month before, during, and for 1 month after you stop taking Absorica.
- You will not get your first prescription for Absorica until there is proof you have had 2 negative pregnancy tests as instructed by your doctor (a negative test means that it does not show pregnancy) and you have interacted with the IPLEDGE system to answer questions about program requirements.
- You cannot get monthly refills for Absorica unless there is proof that you have had a negative pregnancy test conducted in a lab every month during Absorica treatment.
- Even the best methods of birth control can fail. Therefore, 2 separate, effective forms of birth control must be used at the same time for at least 1 month before, during, and for 1 month after you stop taking Absorica.
- Stop taking Absorica right away and call your doctor immediately if you have sex without birth control, miss your period or think you are pregnant while you are taking Absorica. If you think you are pregnant in the month after you have stopped Absorica treatment, call your doctor immediately.

Manufactured by:
Galderma Pharmaceutical
Research, Inc.
Huntsville, TN 37432

Distributed by:
Sun Pharmaceutical
Industries, Inc.
Orlando, FL 32812



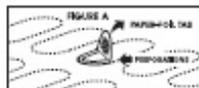
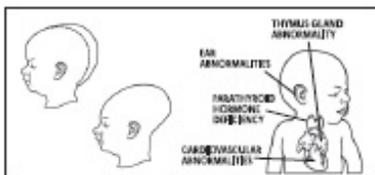
September 2019



FEMALE PATIENTS: DO NOT GET PREGNANT

Very severe birth defects have occurred with isotretinoin use including:

- Severe Internal Defects:** defects that you cannot see—involving the brain (including lower IQ scores), heart, glands and nervous system.
- Severe External Defects:** defects that you can see—such as low-set, deformed or absent ears, wide-set eyes, depressed bridge of nose, enlarged head and small chin.



STORE AT 20° C - 25° C (68° F - 77° F), EXCURSION PERMITTED BETWEEN 15° C - 30° C (59° F - 86° F) [SEE USP CONTROLLED ROOM TEMPERATURE]. PROTECT FROM LIGHT.

WARNING TO FEMALE PATIENTS
ABSORICA CAUSES SEVERE BIRTH DEFECTS.

IMPORTANT INFORMATION FOR ALL PATIENTS:

It is important for your health that you read all the information you received with this prescription and from your doctor.

This package provides reminders of important safety facts about Absorica, but it does not contain all the information you need to know. It is important for you to know how to take Absorica correctly and what side effects to watch for.

Read all the information you get about Absorica from your doctor and pharmacist, including the Medication Guide provided with this package.

You should read, understand and sign a Patient Information/Informed Consent form before you take Absorica. Contact your doctor if you have not signed this form (male patients and female patients who cannot get pregnant must sign 1 form and female patients who can get pregnant must sign 2 forms).

Never share Absorica because it can cause serious side effects including severe birth defects.

Before you start taking Absorica, tell your doctor if you:

- Are currently taking an oral or injected corticosteroid or an anticonvulsant (seizure) medication,
- Take part in sports where you are more likely to break a bone,
- Have mental problems, anorexia nervosa (a type of eating disorder), back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS



DO NOT GET PREGNANT

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.

It is very important for you to read and understand the information about preventing pregnancy found in this package, the Medication Guide, and the materials given to you by your doctor. It is very important for you to interact with the IPLEDGE system to answer questions about program requirements and view the video at your doctor's office. If you do not have the Medication Guide, and the patient booklets about pregnancy prevention, don't start taking Absorica. Call your doctor.

Most people have further questions after reading so much important information about pregnancy prevention and birth defects. If there is anything you are not sure about, do not take Absorica until your questions have been answered by your doctor.

Mental problems and suicide

Some patients have become depressed or developed other serious mental problems while they were taking isotretinoin or shortly after stopping isotretinoin. Some patients taking isotretinoin have had thoughts of ending their own lives (suicidal thoughts). Some people have tried to end their own lives (attempted suicide) and some people have ended their own lives (committed suicide). There have been reports of patients on isotretinoin becoming aggressive or violent.

Stop taking Absorica and call your doctor right away if you or a family member notices that you have any of the following signs and symptoms of depression or psychosis:

- Start to feel sad or have crying spells.
 - Loss of interest in activities you once enjoyed.
 - Sleep too much or have trouble sleeping.
 - Become more irritable, angry, or aggressive than usual (for example, temper outbursts, thoughts of violence).
 - Have a change in your appetite or body weight.
 - Have trouble concentrating.
 - Withdraw from your friends or family.
 - Feel like you have no energy.
 - Have feelings of worthlessness or guilt.
 - Start having thoughts about hurting yourself or taking your own life (suicidal thoughts).
 - Start acting on dangerous impulses.
 - Start seeing or hearing things that are not real.
- Tell your doctor if you or someone in your family has ever had a mental illness or if you take any medicines for a mental illness (for example, depression).
- Other serious side effects to watch for
- Stop taking Absorica and call your doctor if you develop any of the problems on this list or any other unusual or severe problems. If not treated, they could lead to serious health problems. Serious permanent problems do not happen often.
- Headaches, nausea, vomiting, blurred vision (increased brain pressure),
 - Severe stomach pain, diarrhea, rectal bleeding, or trouble swallowing.
 - Yellowing of your skin or eyes and/or dark urine,
 - Change in hearing.
 - Allergic reactions (if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica).
 - Bone or muscle pain,
 - Vision changes, including trouble seeing at night (this can start suddenly, so be very careful when driving or operating any vehicle at night),
 - Persistent fever, chills, or sore throat.
- Other important information is found in the Medication Guide and in the booklets from your doctor:
- Common side effects that are not serious but that you should tell your doctor about.
 - How to take Absorica.
 - Things to avoid during Absorica treatment.
 - Ways to get more information if you need it.

YOU MUST NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

2. Grasp the paperboard (1) and carefully tear the board along perforations to the right, labeled (2) and (3) on reverse side.

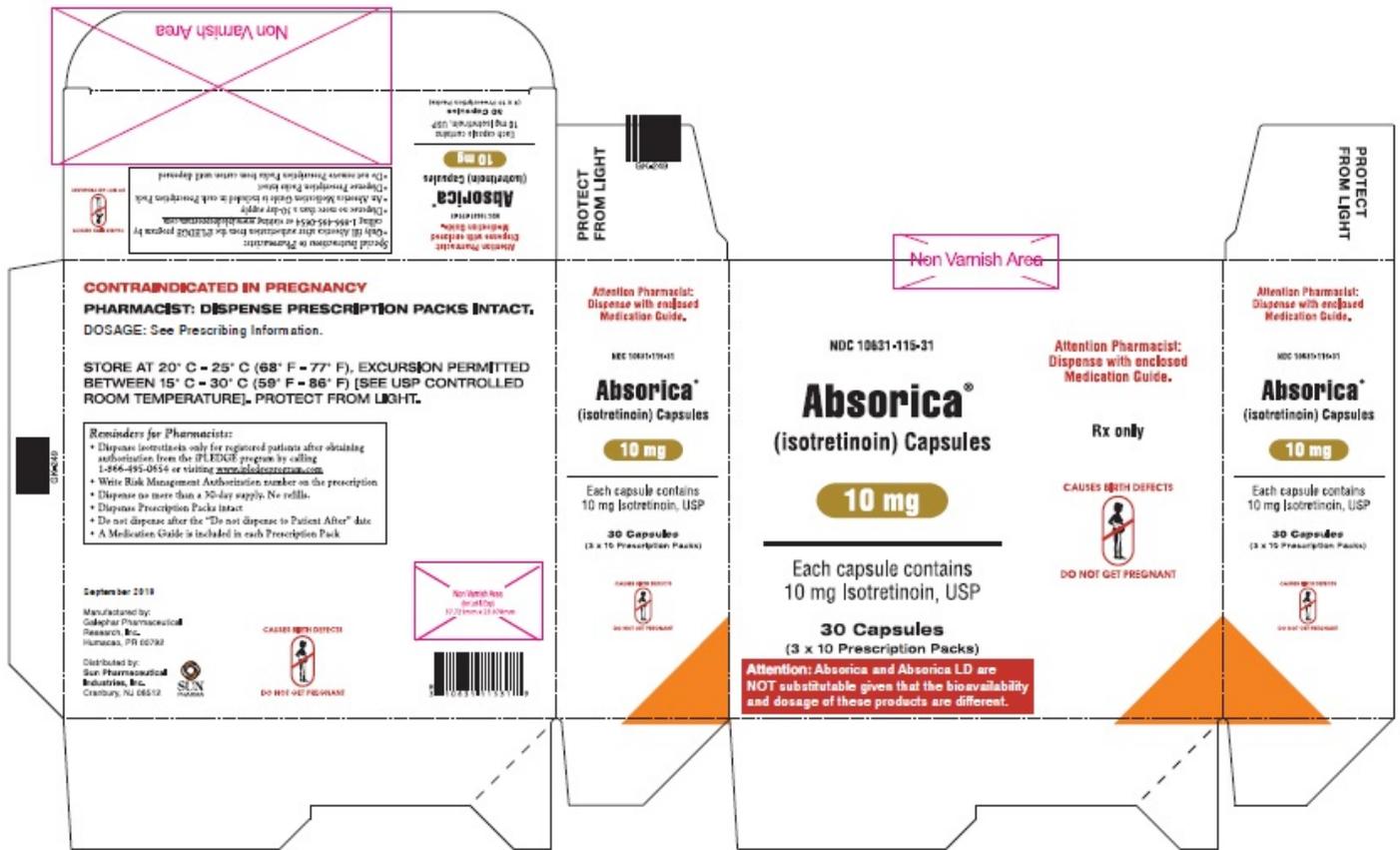
3. Keep packaging intact as long as possible to provide the important information you should know as you take Absorica.

WARNING TO FEMALE PATIENTS: DO NOT GET PREGNANT

1. ABSORICA 10 mg TABLETS EACH CONTAINS 10 mg of isotretinoin. Push through at arrow (1) and check to form a pill (2).

ABSORICA 10 mg TABLETS EACH CONTAINS 10 mg of isotretinoin. Push through at arrow (1) and check to form a pill (2).

Absorica 10 mg Carton



Absorica 20 mg Blister

Non Varnish Area

Attention: Absorica and Absorica LC are NOT substitutable given the bioequivalency and dosage of these products are different.

Rx only

PATIENT READ INFORMATION CAREFULLY

10 Capsules Prescription Pack

20 mg Isotretinoin, USP

20 mg

Absorica (isotretinoin) Capsules

NDC 10637-116-99

Dispense with enclosed Medication Guide.



PHARMACISTS: DISPENSE IN TACT. PLACE PRESCRIPTION LABEL HERE.

FEMALE PATIENTS: DO NOT GET PREGNANT

Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients.

It is important to watch the video and read all information in the materials given to you by your doctor.

- You MUST NOT take Absorica if you are pregnant because any amount can cause severe birth defects, even if taken for short periods during pregnancy.
- You MUST NOT become pregnant 1 month before, during, and for 1 month after you stop taking Absorica.
- You will not get your first prescription for Absorica until there is proof you have had 2 negative pregnancy tests as instructed by your doctor (a negative test means that it does not show pregnancy) and you have interacted with the iPLEDGE system to answer questions about program requirements.
- You cannot get monthly refills for Absorica unless there is proof that you have had a negative pregnancy test conducted in a lab every month during Absorica treatment.
- Even the best methods of birth control can fail. Therefore, 2 separate, effective forms of birth control must be used at the same time for at least 1 month before, during, and for 1 month after you stop taking Absorica.
- Stop taking Absorica right away and call your doctor immediately if you have sex without birth control, miss your period or think you are pregnant while you are taking Absorica. If you think you are pregnant in the month after you have stopped Absorica treatment, call your doctor immediately.

Made by Galapagos Pharmaceuticals Research, Inc. Humana, PA 15082

Distributed by Sun Pharmaceutical Industries, Inc. Candlery, NJ 08012



SEAL TAB Closure Non Varnish Area

September 2019

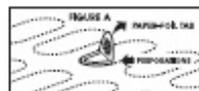
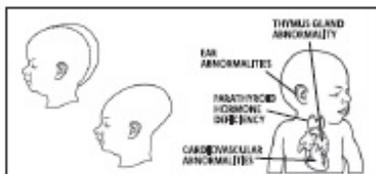


6K406

FEMALE PATIENTS: DO NOT GET PREGNANT

Very severe birth defects have occurred with isotretinoin use including:

- Severe Internal Defects:** defects that you cannot see—involving the brain (including lower IQ scores), heart, glands and nervous system.
- Severe External Defects:** defects that you can see—such as low-set, deformed or absent ears, wide-set eyes, depressed bridge of nose, enlarged head and small chin.



STORE AT 20° C - 25° C (68° F - 77° F), EXCURSION PERMITTED BETWEEN 15° C - 30° C (59° F - 86° F) (SEE USP CONTROLLED ROOM TEMPERATURE). PROTECT FROM LIGHT.

WARNING TO FEMALE PATIENTS ABSORICA CAUSES SEVERE BIRTH DEFECTS.

IMPORTANT INFORMATION FOR ALL PATIENTS:

It is important for your health that you read all the information you received with this prescription and from your doctor.

This package provides reminders of important safety facts about Absorica, but it does not contain all the information you need to know. It is important for you to know how to take Absorica correctly and what side effects to watch for.

Read all the information you get about Absorica from your doctor and pharmacist, including the Medication Guide provided with this package.

You must understand and sign a Patient Information Informed Consent form before you take Absorica. Contact your doctor if you have not signed this form (male patients and female patients who cannot get pregnant must sign 1 form and female patients who can get pregnant must sign 2 forms).

Never share Absorica because it can cause serious side effects including severe birth defects.

Before you start taking Absorica, tell your doctor if you:

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- Take part in sports where you are more likely to break a bone.
- Have mental problems, anorexia nervosa (a type of eating disorder), back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS



DO NOT GET PREGNANT

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.

It is very important for you to read and understand the information about preventing pregnancy found in this package, the Medication Guide, and the materials given to you by your doctor. It is very important for you to interact with the iPLEDGE system to answer questions about program requirements and view the video of your doctor's office. If you do not have the Medication Guide, and the patient booklets about pregnancy prevention, don't start taking Absorica. Call your doctor.

Most people have further questions after reading so much important information about pregnancy prevention and birth defects. If there is anything you are not sure about, do not take Absorica until your questions have been answered by your doctor.

Mental problems and suicide

Some patients have become depressed or developed other serious mental problems while they were taking isotretinoin or shortly after stopping isotretinoin. Some patients taking isotretinoin have had thoughts of ending their own lives (suicidal thoughts). Some people have tried to end their own lives (attempted suicide) and some people have ended their own lives (committed suicide). There have been reports of patients on isotretinoin becoming aggressive or violent.

Stop taking Absorica and call your doctor right away if you or a family member notices that you have any of the following signs and symptoms of depression or psychosis:

- Start to feel sad or have crying spells.
 - Loss of interest in activities you once enjoyed.
 - Sleep too much or have trouble sleeping.
 - Become more irritable, angry, or aggressive than usual (for example, temper outbursts, thoughts of violence).
 - Have a change in your appetite or body weight.
 - Have trouble concentrating.
 - Withdraw from your friends or family.
 - Feel like you have no energy.
 - Have feelings of worthlessness or guilt.
 - Start having thoughts about hurting yourself or taking your own life (suicidal thoughts).
 - Start acting on dangerous impulses.
 - Start seeing or hearing things that are not real.
- Tell your doctor if you or someone in your family has ever had a mental illness or if you take any medicines for a mental illness (for example, depression).
- Other serious side effects to watch for**
- Stop taking Absorica and call your doctor if you develop any of the problems on this list or any other unusual or severe problems, if not treated, they could lead to serious health problems. Serious permanent problems do not happen often.
- Headaches, nausea, vomiting, blurred vision (increased brain pressure).
 - Severe stomach pain, diarrhea, rectal bleeding, or trouble swallowing.
 - Reddening of your skin or eyes and/or dark urine.
 - Change in hearing.
 - Allergic reactions (if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica).
 - Bone or muscle pain.
 - Vision changes, including trouble seeing at night (this can start suddenly, so be very careful when driving or operating any vehicle at night).
 - Persistent fever, chills, or sore throat.
- Other important information is found in the Medication Guide and in the booklets from your doctor:**
- Common side effects that are not serious but that you should tell your doctor about.
 - How to take Absorica.
 - Things to avoid during Absorica treatment.
 - Ways to get more information if you need it.

YOU MUST NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

WARNING TO FEMALE PATIENTS: DO NOT GET PREGNANT

YOU MAY NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

1. Push through the arrow on the back and check to form a full bar.

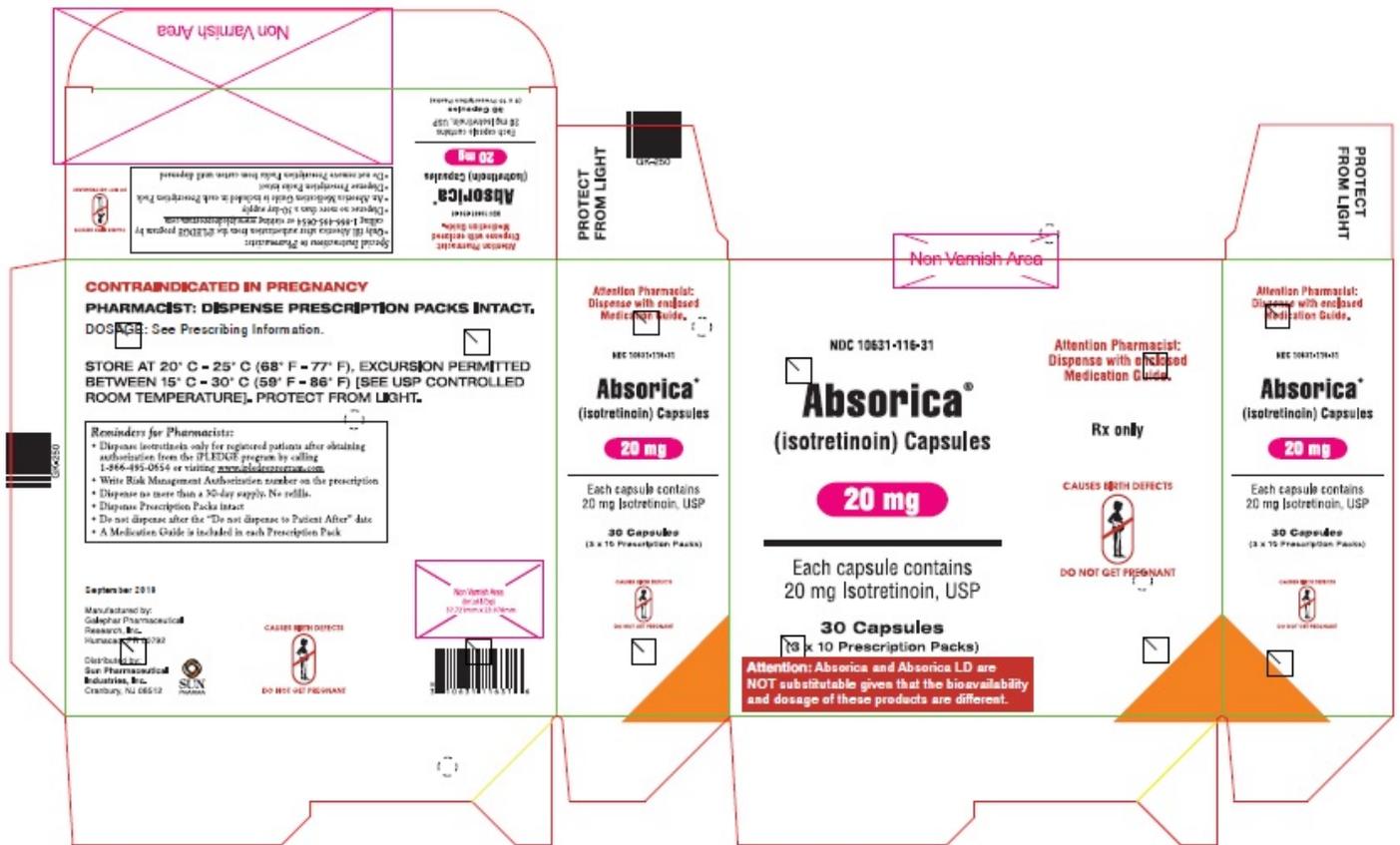
2. Check the arrows on the back and check to form a full bar.

3. Make packages filled as they will continue to provide the best results. Information you should know as you take Absorica.

09-046

62.684mm x 15.350mm
Non Varnish Area
 (For Lot & Exp)

Absorica 20 mg Carton



Absorica 25 mg Blister

Contains FD&C Yellow No. 5 (tartrazine) as a color additive.

Each capsule contains 25 mg Isotretinoin, USP

Non Varnish Area

Attention: Absorica and Absorica LD
Availability and dosage of these
products are different.
Rx only

PATIENTS:
READ INFORMATION CAREFULLY

10 Capsules
Prescription Pack

Each capsule contains
25 mg Isotretinoin, USP

Controlled Substance (Schedule III) or a color additive.

25 mg

(Isotretinoin) Capsules

Absorica®

NDC 10831-133-89

Dispense with enclosed
Medication Guide.
Attention Pharmacist:



PHARMACISTS:
DISPENSE IN FACT
PLACE PRESCRIPTION LABEL HERE

FEMALE PATIENTS: DO NOT GET PREGNANT

Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients,

It is important to watch the video and read all information in the materials given to you by your doctor.

- You MUST NOT take Absorica if you are pregnant because any amount can cause severe birth defects, even if taken for short periods during pregnancy.
- You MUST NOT become pregnant 1 month before, during, and for 1 month after you stop taking Absorica.
- You will not get your first prescription for Absorica until there is proof you have had 2 negative pregnancy tests as instructed by your doctor (a negative test means that it does not show pregnancy) and you have interacted with the IPLEDGE system to answer questions about program requirements.
- You cannot get monthly refills for Absorica unless there is proof that you have had a negative pregnancy test conducted in a lab every month during Absorica treatment.
- Even the best methods of birth control can fail. Therefore, 2 separate, effective forms of birth control must be used at the same time for at least 1 month before, during, and for 1 month after you stop taking Absorica.
- Stop taking Absorica right away and call your doctor immediately if you have sex without birth control, miss your period or think you are pregnant while you are taking Absorica. If you think you are pregnant in the month after you have stopped Absorica treatment, call your doctor immediately.

Manufactured by:
Galapagos Pharmaceutical
Research, Inc.
Hudson, NY 07532

Distributed by:
Sun Pharmaceutical
Industries, Inc.
Columbia, NJ 08512



SEAL
TAB
closure
Non Varnish Area

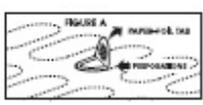
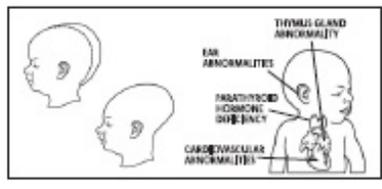
September 2019



FEMALE PATIENTS: DO NOT GET PREGNANT

Very severe birth defects have occurred with isotretinoin use including:

- Severe Internal Defects:** defects that you cannot see—involving the brain (including lower IQ scores), heart, glands and nervous system.
- Severe External Defects:** defects that you can see—such as low-set, deformed or absent ears, wide-set eyes, depressed bridge of nose, enlarged head and small chin.



STORE AT 20° C - 25° C (68° F - 77° F), EXCURSION PERMITTED BETWEEN 15° C - 30° C (59° F - 86° F) [SEE USP CONTROLLED ROOM TEMPERATURE] PROTECT FROM LIGHT.

WARNING TO FEMALE PATIENTS ABSORICA CAUSES SEVERE BIRTH DEFECTS.

IMPORTANT INFORMATION FOR ALL PATIENTS:

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Read all the information you get about Absorica from your doctor and pharmacist, including the Medication Guide provided with this package.

You should read, understand and sign a Patient Information/Informed Consent form before you take Absorica. Contact your doctor if you have not signed this form (male patients and female patients who cannot get pregnant must sign 1 form and female patients who can get pregnant must sign 2 forms).

Never share Absorica because it can cause serious side effects including severe birth defects.

Before you start taking Absorica, tell your doctor if you:

- Are currently taking an oral or injected corticosteroid or an anticonvulsant (seizure) medication.
- Take part in sports where you are more likely to break a bone, back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS



DO NOT GET PREGNANT

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.

It is very important for you to read and understand the information about preventing pregnancy found in this package, the Medication Guide, and the materials given to you by your doctor. It is very important for you to interact with the IPLEDGE system to answer questions about program requirements and view the video at your doctor's office. If you do not have the Medication Guide, and the patient booklets about pregnancy prevention, don't start taking Absorica. Call your doctor.

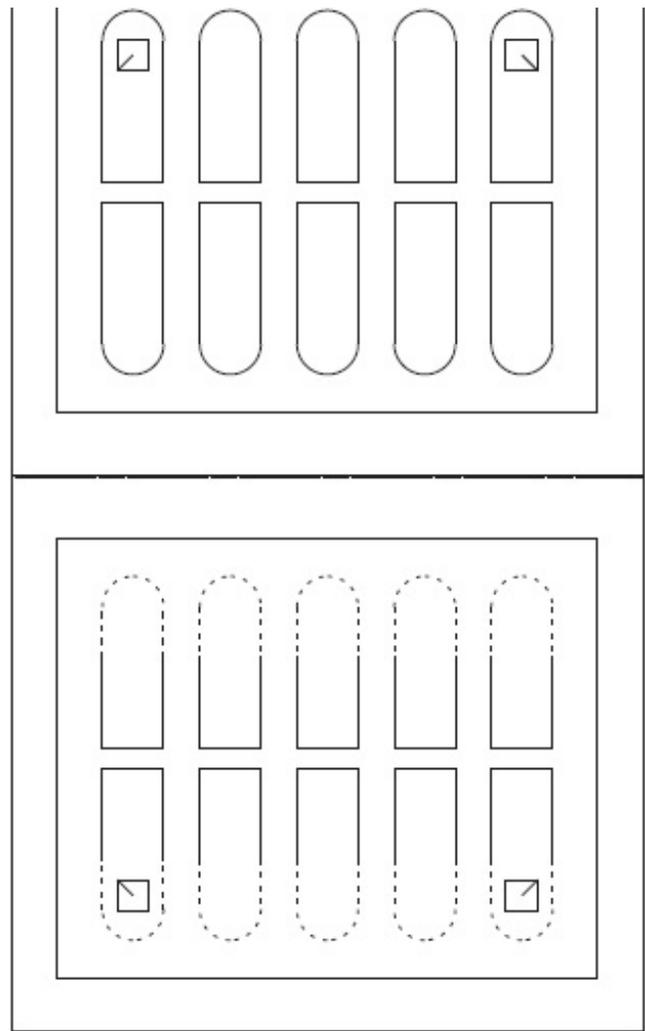
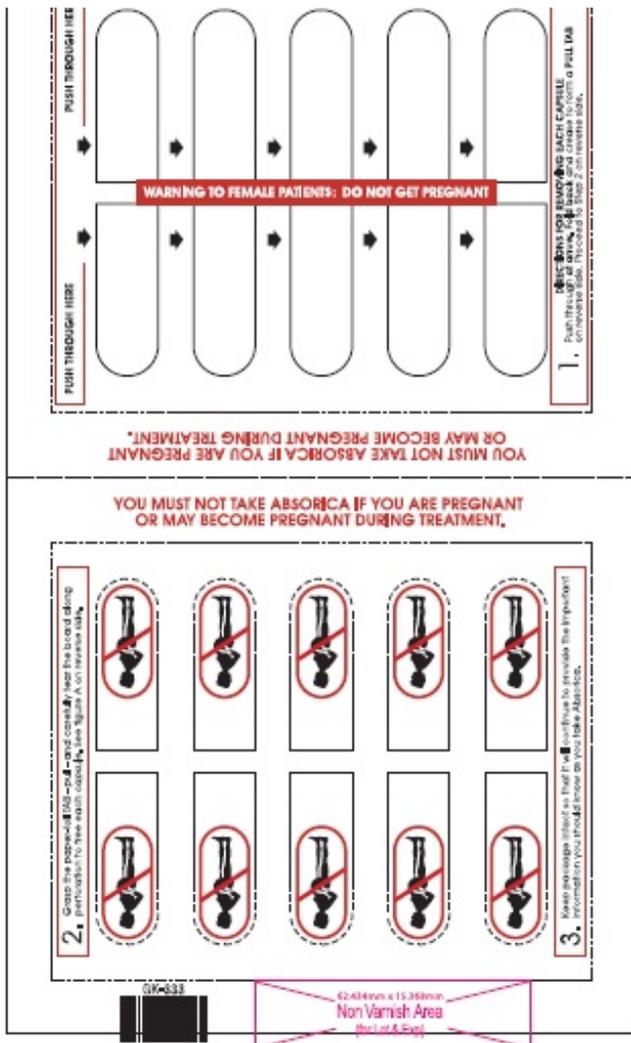
Most people have further questions after reading so much important information about pregnancy prevention and birth defects. If there is anything you are not sure about, do not take Absorica until your questions have been answered by your doctor.

Mental problems and suicide

Some patients have become depressed or developed other serious mental problems while they were taking isotretinoin or shortly after stopping isotretinoin. Some patients taking isotretinoin have had thoughts of ending their own lives (suicidal thoughts). Some people have tried to end their own lives (attempted suicide) and some people have ended their own lives (committed suicide). There have been reports of patients on isotretinoin becoming aggressive or violent.

Stop taking Absorica and call your doctor right away if you or a family member notices that you have any of the following signs and symptoms of depression or psychosis:

- Start to feel sad or have crying spells.
- Loss of interest in activities you once enjoyed.
- Sleep too much or have trouble sleeping.
- Become more irritable, angry, or aggressive than usual (for example, temper outbursts, thoughts of violence).
- Have a change in your appetite or body weight.
- Have trouble concentrating.
- Withdraw from your friends or family.
- Feel like you have no energy.
- Have feelings of worthlessness or guilt.
- Start having thoughts about hurting yourself or taking your own life (suicidal thoughts).
- Start acting on dangerous impulses.
- Start seeing or hearing things that are not real.
- Tell your doctor if you or someone in your family has ever had a mental illness or if you take any medicines for a mental illness (for example, depression).
- Other serious side effects to watch for
- Stop taking Absorica and call your doctor if you develop any of the problems on this list or any other unusual or severe problems. If not treated, they could lead to serious health problems. Serious permanent problems do not happen often.
- Headaches, nausea, vomiting, blurred vision (increased brain pressure).
- Severe stomach pain, diarrhea, rectal bleeding, or trouble swallowing.
- Yellowing of your skin or eyes and/or dark urine.
- Changes in hearing.
- Allergic reactions (if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica).
- Sore or muscle pain.
- Vision changes, including trouble seeing at night (this can start suddenly, so be very careful when driving or operating any vehicle at night).
- Persistent fever, chills, or sore throat.
- Other important information is found in the Medication Guide and in the booklets from your doctor:
- Common side effects that are not serious but that you should tell your doctor about.
- How to take Absorica.
- Things to avoid during Absorica treatment.
- Ways to get more information if you need it.



Absorica 25 mg Carton

Contains FD&C Yellow No. 5 (tartrazine) as a color additive.

Non-Viable Area

Attention: Absorica and Absorica LD are NOT interchangeable with the products we do market.

Rx only

PATIENT: READ INFORMATION CAREFULLY

30 Capsules Prescription Pack

Each capsule contains 30 mg Isotretinoin, USP

30 mg

Absorica® (isotretinoin) Capsules

NDC 10631-117-69

Dispense with enclosed Medication Guide. Attention Pharmacist



PHARMACISTS: DISPENSE INTACT. PLACE PRESCRIPTION LABEL HERE

FEMALE PATIENTS: DO NOT GET PREGNANT

Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients,

It is important to watch the video and read all information in the materials given to you by your doctor.

- You MUST NOT take Absorica if you are pregnant because any amount can cause severe birth defects, even if taken for short periods during pregnancy.
- You MUST NOT become pregnant 1 month before, during, and for 1 month after you stop taking Absorica.
- You will not get your first prescription for Absorica until there is proof you have had 2 negative pregnancy tests as instructed by your doctor (a negative test means that it does not show pregnancy) and you have interacted with the IPLEDGE system to answer questions about program requirements.
- You cannot get monthly refills for Absorica unless there is proof that you have had a negative pregnancy test conducted in a lab every month during Absorica treatment.
- Even the best methods of birth control can fail. Therefore, 2 separate, effective forms of birth control must be used at the same time for at least 1 month before, during, and for 1 month after you stop taking Absorica.
- Stop taking Absorica right away and call your doctor immediately if you have sex without birth control, miss your period or think you are pregnant while you are taking Absorica. If you think you are pregnant in the month after you have stopped Absorica treatment, call your doctor immediately.

Manufactured by: Galapagos Pharmaceuticals Research, Inc., Hatteras, NY 02782

Distributed by: Sun Pharmaceutical Industries, Inc., Cranbury, NJ 08512



SEAL TAB Issues Non-Viable Area

September 2016

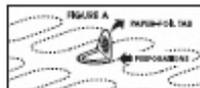
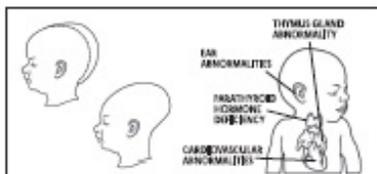


6X047

FEMALE PATIENTS: DO NOT GET PREGNANT

Very severe birth defects have occurred with isotretinoin use including:

- Severe Internal Defects:** defects that you cannot see—involving the brain (including lower IQ scores), heart, glands and nervous system.
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WARNING TO FEMALE PATIENTS
ABSORICA CAUSES SEVERE BIRTH DEFECTS.

IMPORTANT INFORMATION FOR ALL PATIENTS:

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- Have mental problems, anorexia nervosa (a type of eating disorder), back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.



DO NOT GET PREGNANT

It is very important for you to read and understand the information about preventing pregnancy found in this package, the Medication Guide, and the materials given to you by your doctor. It is very important for you to interact with the IPLEDGE system to answer questions about program requirements and view the video at your doctor's office. If you do not have the Medication Guide, and the patient booklets about pregnancy prevention, don't start taking Absorica. Call your doctor.

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 - Have a change in your appetite or body weight.
 - Have trouble concentrating.
 - Withdraw from your friends or family.
 - Feel like you have no energy.
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 - Changes in hearing.
 - Allergic reactions (if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica).
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- Common side effects that are not serious but that you should tell your doctor about.
 - How to take Absorica.
 - Things to avoid during Absorica treatment.
 - Ways to get more information if you need it.

Non Varnish Area

Attention: Absorica and Absorica LD are NOT substitute products for other products or devices.

Rx only

PATIENT READ INFORMATION CAREFULLY

10 Capsules Prescription Pack

Each capsule contains 35 mg Isotretinoin, USP

35 mg

Absorica® (isotretinoin) Capsules

NDC 10631-134-99

Dispense with enclosed Medication Guide. Attention Pharmacist:



PHARMACISTS: DISPENSE INTACT. PLACE PRESCRIPTION LABEL HERE

FEMALE PATIENTS: DO NOT GET PREGNANT

Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients,

It is important to watch the video and read all information in the materials given to you by your doctor.

- You MUST NOT take Absorica if you are pregnant because any amount can cause severe birth defects, even if taken for short periods during pregnancy.
- You MUST NOT become pregnant 1 month before, during, and for 1 month after you stop taking Absorica.
- You will not get your first prescription for Absorica until there is proof you have had 2 negative pregnancy tests as instructed by your doctor (a negative test means that it does not show pregnancy) and you have interacted with the iPLEDGE system to answer questions about program requirements.
- You cannot get monthly refills for Absorica unless there is proof that you have had a negative pregnancy test conducted in a lab every month during Absorica treatment.
- Even the best methods of birth control can fail. Therefore, 2 separate, effective forms of birth control must be used at the same time for at least 1 month before, during, and for 1 month after you stop taking Absorica.
- Stop taking Absorica right away and call your doctor immediately if you have sex without birth control, miss your period or think you are pregnant while you are taking Absorica. If you think you are pregnant in the month after you have stopped Absorica treatment, call your doctor immediately.

Manufactured by: Galapagos Pharmaceutical Research, Inc. Huddersfield, PA 15072

Distributed by: Sun Pharmaceutical Industries, Inc. Orange, NJ 07012



SEAL TAB closure Non Varnish Area

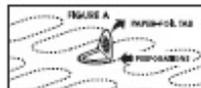
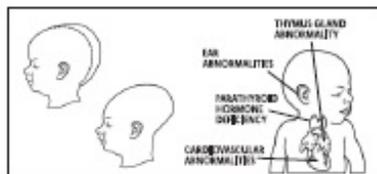
September 2019



FEMALE PATIENTS: DO NOT GET PREGNANT

Very severe birth defects have occurred with isotretinoin use including:

- Severe Internal Defects:** defects that you cannot see—involving the brain (including lower IQ scores), heart, glands and nervous system.
- Severe External Defects:** defects that you can see—such as low-set, deformed or absent ears, wide-set eyes, depressed bridge of nose, enlarged head and small chin.



STORE AT 20° C - 25° C (68° F - 77° F), EXCURSION PERMITTED BETWEEN 15° C - 30° C (59° F - 86° F) (SEE USP CONTROLLED ROOM TEMPERATURE). PROTECT FROM LIGHT.

WARNING TO FEMALE PATIENTS ABSORICA CAUSES SEVERE BIRTH DEFECTS.

IMPORTANT INFORMATION FOR ALL PATIENTS:

It is important for your health that you read all the information you received with this prescription and from your doctor.

This package provides reminders of important safety facts about Absorica, but it does not contain all the information you need to know. It is important for you to know how to take Absorica correctly and what side effects to watch for.

Read all the information you get about Absorica from your doctor and pharmacist, including the Medication Guide provided with this package.

You should understand and sign a Patient Information/Informed Consent form before you take Absorica. Contact your doctor if you have not signed this form (male patients and female patients who cannot get pregnant must sign 1 form and female patients who can get pregnant must sign 2 forms).

Never share Absorica because it can cause serious side effects including severe birth defects.

Before you start taking Absorica, tell your doctor if you:

- Are currently taking an oral or injected corticosteroid or an anticonvulsant (seizure) medication.
- Take part in sports where you are more likely to break a bone.
- Have mental problems, anorexia nervosa (a type of eating disorder), back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.



DO NOT GET PREGNANT

It is very important for you to read and understand the information about preventing pregnancy found in this package, the Medication Guide, and the materials given to you by your doctor. It is very important for you to interact with the iPLEDGE system to answer questions about program requirements and view the video at your doctor's office. If you do not have the Medication Guide, and the patient booklets about pregnancy prevention, don't start taking Absorica. Call your doctor.

Most people have further questions after reading so much important information about pregnancy prevention and birth defects. If there is anything you are not sure about, do not take Absorica until your questions have been answered by your doctor.

Mental problems and suicide

Some patients have become depressed or developed other serious mental problems while they were taking isotretinoin or shortly after stopping isotretinoin. Some patients taking isotretinoin have had thoughts of ending their own lives (suicidal thoughts). Some people have tried to end their own lives (attempted suicide) and some people have ended their own lives (committed suicide). There have been reports of patients on isotretinoin becoming aggressive or violent.

Stop taking Absorica and call your doctor right away if you or a family member notices that you have any of the following signs and symptoms of depression or psychosis:

- Start to feel sad or have crying spells.
 - Loss of interest in activities you once enjoyed.
 - Sleep too much or have trouble sleeping.
 - Become more irritable, angry, or aggressive than usual (for example, temper outbursts, thoughts of violence).
 - Have a change in your appetite or body weight.
 - Have trouble concentrating.
 - Withdraw from your friends or family.
 - Feel like you have no energy.
 - Have feelings of worthlessness or guilt.
 - Start having thoughts about hurting yourself or taking your own life (suicidal thoughts).
 - Start acting on dangerous impulses.
 - Start seeing or hearing things that are not real.
- Tell your doctor if you or someone in your family has ever had a mental illness or if you take any medicines for a mental illness (for example, depression).
- Other serious side effects to watch for
- Stop taking Absorica and call your doctor if you develop any of the problems on this list or any other unusual or severe problems. If not treated, they could lead to serious health problems. Serious permanent problems do not happen often.
- Headaches, nausea, vomiting, blurred vision (increased brain pressure),
 - Severe stomach pain, diarrhea, rectal bleeding, or trouble swallowing.
 - Yellowing of your skin or eyes and/or dark urine.
 - Changes in hearing.
 - Allergic reactions (if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica).
 - Bone or muscle pain.
 - Vision changes, including trouble seeing at night (this can start suddenly, so be very careful when driving or operating any vehicle at night).
 - Persistent fever, chills, or sore throat.
- Other important information is found in the Medication Guide and in the booklets from your doctor:
- Common side effects that are not serious but that you should tell your doctor about.
 - How to take Absorica.
 - Things to avoid during Absorica treatment.
 - Ways to get more information if you need it.

016-934

**62.434mm x 15.856mm
Non Varnish Area
(Not for Exp.)**

YOU MUST NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

2. Grasp the package (fill and cap) and carefully tear the bond along perforation to free each tablet. See Figure A on reverse side.

3. Never separate the cap from the tablet. Do not break, chew, crush, or divide the tablet. Do not take Absorica if you are pregnant or may become pregnant during treatment.

YOU MUST NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

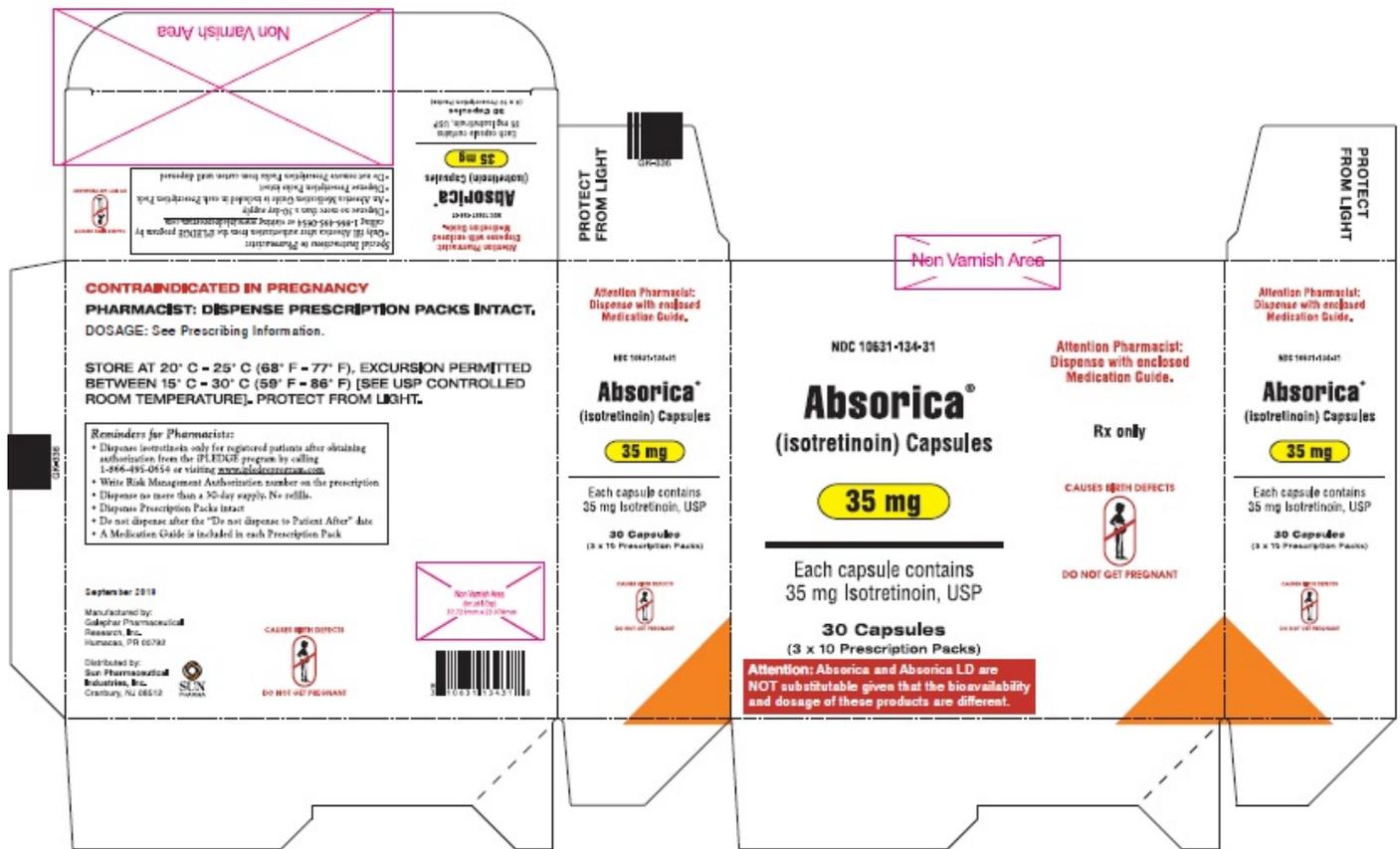
WARNING TO FEMALE PATIENTS: DO NOT GET PREGNANT

INSTRUCTIONS FOR REMOVING EACH CAPSULE
Push through at arrow, cap, seal and crumple to form a pill tab

PUSH THROUGH HERE

PUSH THROUGH HERE

Absorica 35 mg Carton



Absorica 40 mg Blister

Non-Volatile Area

Attention: Absorica and Absorica LD are NOT substitutable given the difference in knowledge and dosage of these products are different.

Rx only

READ INFORMATION CAREFULLY
PATIENT

Prescription Pack
70 Capsules

Each capsule contains
40 mg Isotretinoin, USP

40 mg

(Isotretinoin) Capsules
Absorica

NDC 10831-118-99

Dispense with enclosed
Medication Guide.



PHARMACISTS:
DISPENSE INTACT
PLACE PRESCRIPTION LABEL HERE

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Absorica Causes Serious Birth Defects

Highlights of Warning to Female Patients,

It is important to watch the video and read all information in the materials given to you by your doctor.

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Manufactured by:
Galapagos Pharmaceuticals
Research, Inc.,
Huntington, NY 10782

Distributed by:
Sun Pharmaceutical
Industries, Inc.,
Crisfield, NJ 08012



September 2019



9XW488

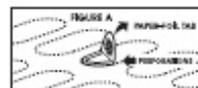
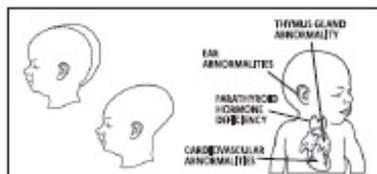
SEAL
TAB
BUSTING

Non-Volatile Area

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- Take part in sports where you are more likely to break a bone,
- Have mental problems, anorexia nervosa (a type of eating disorder), back pain, a history of problems with healing of bone fractures, or problems with bone metabolism.

Special Warning for Female Patients

CAUSES BIRTH DEFECTS



DO NOT GET PREGNANT

Absorica causes serious birth defects. Do NOT take Absorica if you are pregnant.

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 - Have trouble concentrating.
 - Withdraw from your friends or family.
 - Feel like you have no energy.
 - Have feelings of worthlessness or guilt.
 - Start having thoughts about hurting yourself or taking your own life (suicidal thoughts).
 - Start acting on dangerous impulses.
 - Start seeing or hearing things that are not real.
- Tell your doctor if you or someone in your family has ever had a mental illness or if you take any medicines for a mental illness (for example, depression).
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- Stop taking Absorica and call your doctor if you develop any of the problems on this list or any other unusual or severe problems. If not treated, they could lead to serious health problems. Serious permanent problems do not happen often.
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 - Severe stomach pain, diarrhea, rectal bleeding, or trouble swallowing.
 - Yellowing of your skin or eyes and/or dark urine.
 - Changes in hearing.
 - Allergic reactions if you know you are sensitive to "parabens", tell your doctor because it is a preservative in the gelatin capsule of Absorica.
 - Bone or muscle pain.
 - Vision changes, including trouble seeing at night (this can start suddenly, so be very careful when driving or operating any vehicle at night).
 - Persistent fever, chills, or sore throat.
- Other important information is found in the Medication Guide and in the booklets from your doctor:
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 - Things to avoid during Absorica treatment.
 - Ways to get more information if you need it.

YOU MUST NOT TAKE ABSORICA IF YOU ARE PREGNANT OR MAY BECOME PREGNANT DURING TREATMENT.

WARNING TO FEMALE PATIENTS: DO NOT GET PREGNANT

2. Grip the paper along the fold and carefully tear the board along perforation to free each tablet. Use Figure A on reverse side.

3. Remove each tablet as you fill in with blue ink to provide the treatment. Immediately discard each of the loose tablets.

1. Push through at entry, fold back and draw to form a full 180° complete loop. Proceed to Step 2. Complete 180°.

180° BEND FOR REMOVING EACH TABLET

PUSH THROUGH HERE

PUSH THROUGH HERE

GK-248

62.434mm x 15.258mm
Non Varnish Area
 (for Lot & Exp)

Absorica 40 mg Carton



Absorica LD 16mg Blister



Absorica LD 24mg Blister



Absorica LD 32mg Blister



ABSORICA

isotretinoin capsule

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-115 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 10 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|--------------------------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| FERRIC OXIDE YELLOW (UNII: EX438O2MRT) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B710) | |
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |

Product Characteristics

| | | | |
|----------|---------|--------------|----------|
| Color | yellow | Score | no score |
| Shape | CAPSULE | Size | 18mm |
| Flavor | | Imprint Code | G240;10 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-115-31 | 3 in 1 BOX | 06/08/2012 | |
| 1 | NDC:10631-115-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 06/08/2012 | |

ABSORICA

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-116 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 20 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|--------------------------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| FERRIC OXIDE RED (UNII: 1K09F3G675) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |

Product Characteristics

| | | | |
|----------|---------|--------------|----------|
| Color | red | Score | no score |
| Shape | CAPSULE | Size | 22mm |
| Flavor | | Imprint Code | G241;20 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-116-31 | 3 in 1 BOX | 06/08/2012 | |
| 1 | NDC:10631-116-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 06/08/2012 | |

ABSORICA

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-117 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 30 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|--------------------------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| FERRIC OXIDE YELLOW (UNII: EX438O2MRT) | |
| FERRIC OXIDE RED (UNII: 1K09F3G675) | |
| FERROSO FERRIC OXIDE (UNII: XM0M87F357) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| SODIUM HYDROXIDE (UNII: 55X04QC32I) | |
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |

Product Characteristics

| | | | |
|-----------------|---------|---------------------|----------|
| Color | brown | Score | no score |
| Shape | CAPSULE | Size | 23mm |
| Flavor | | Imprint Code | G242;30 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-117-31 | 3 in 1 BOX | 06/08/2012 | |
| 1 | NDC:10631-117-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 06/08/2012 | |

ABSORICA

isotretinoin capsule

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-118 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 40 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|--------------------------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| FERRIC OXIDE YELLOW (UNII: EX438O2MRT) | |
| FERRIC OXIDE RED (UNII: 1K09F3G675) | |
| FERROSFERRIC OXIDE (UNII: XM0M87F357) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| SODIUM HYDROXIDE (UNII: 55X04QC32I) | |
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |

GELATIN, UNSPECIFIED (UNII: 2G86QN327L)

Product Characteristics

| | | | |
|----------|------------|--------------|----------|
| Color | brown, red | Score | no score |
| Shape | CAPSULE | Size | 25mm |
| Flavor | | Imprint Code | G325;40 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-118-31 | 3 in 1 BOX | 06/08/2012 | |
| 1 | NDC:10631-118-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 06/08/2012 | |

ABSORICA

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-133 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 25 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|----------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| SODIUM HYDROXIDE (UNII: 55X04QC32I) | |
| FD&C BLUE NO. 1 (UNII: HBR47K3TBD) | |
| FD&C YELLOW NO. 5 (UNII: I753WB2F1M) | |
| FD&C YELLOW NO. 6 (UNII: H77VEI93A8) | |

| | |
|--------------------------------------------------------|--|
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |

Product Characteristics

| | | | |
|----------|---------|--------------|----------|
| Color | green | Score | no score |
| Shape | CAPSULE | Size | 22mm |
| Flavor | | Imprint Code | G342;25 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-133-31 | 3 in 1 BOX | 02/17/2015 | |
| 1 | NDC:10631-133-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 02/17/2015 | |

ABSORICA

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-134 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 35 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|----------------------------------------|----------|
| SOYBEAN OIL (UNII: 241ATL177A) | |
| SORBITAN MONOOLEATE (UNII: 06XEA2VD56) | |
| PROPYL GALLATE (UNII: 8D4SNN7V92) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| SODIUM HYDROXIDE (UNII: 55X04QC32I) | |
| FD&C BLUE NO. 2 (UNII: L06K8R7DQK) | |
| FERROSFERRIC OXIDE (UNII: XM0M87F357) | |
| FERRIC OXIDE RED (UNII: 1K09F3G675) | |

| | |
|--------------------------------------------------------|--|
| FERRIC OXIDE YELLOW (UNII: EX438O2MRT) | |
| PEG-32 HYDROGENATED PALM GLYCERIDES (UNII: G6EP177239) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |

Product Characteristics

| | | | |
|----------|---------|--------------|----------|
| Color | blue | Score | no score |
| Shape | CAPSULE | Size | 23mm |
| Flavor | | Imprint Code | G343;35 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-134-31 | 3 in 1 BOX | 02/17/2015 | |
| 1 | NDC:10631-134-69 | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA021951 | 02/17/2015 | |

ABSORICA LD

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-002 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 8 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|---------------------------------------------|----------|
| BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |
| POLYSORBATE 80 (UNII: 6OZP39ZG8H) | |
| SOYBEAN OIL (UNII: 241ATL177A) | |
| D&C YELLOW NO. 10 (UNII: 35SW5USQ3G) | |
| FD&C BLUE NO. 1 (UNII: H3R47K3TBD) | |
| FD&C RED NO. 40 (UNII: WZB9127XOA) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |

| | | | | |
|--------------------------------------------|-------------------------------------------------|---------------------------------------------------------|-----------------------------|---------------------------|
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | | | | |
| SHELLAC (UNII: 46N107B71O) | | | | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | | | | |
| Product Characteristics | | | | |
| Color | GREEN (light green) | Score | no score | |
| Shape | CAPSULE (opaque-printed, hard-gelatin) | Size | 16mm | |
| Flavor | | Imprint Code | RL29 | |
| Contains | | | | |
| Packaging | | | | |
| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
| 1 | NDC:10631-002-31 | 3 in 1 BOX | 11/20/2019 | |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |
| Marketing Information | | | | |
| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date | |
| NDA | NDA211913 | 11/20/2019 | | |

ABSORICA LD

isotretinoin capsule

| | | | |
|----------------------------------------|------------------------------------------------------------------|---------------------------|-----------------|
| Product Information | | | |
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-003 |
| Route of Administration | ORAL | | |
| Active Ingredient/Active Moiety | | | |
| | Ingredient Name | Basis of Strength | Strength |
| | ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 16 mg |
| Inactive Ingredients | | | |
| | Ingredient Name | Strength | |
| | BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | | |
| | GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | | |
| | POLYSORBATE 80 (UNII: 6OZP39ZG8H) | | |
| | SOYBEAN OIL (UNII: 241ATL177A) | | |
| | FD&C BLUE NO. 1 (UNII: HBR47K3TBD) | | |
| | FD&C RED NO. 40 (UNII: WZB9127XOA) | | |
| | POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | | |
| | PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | | |
| | SHELLAC (UNII: 46N107B71O) | | |

TITANIUM DIOXIDE (UNII: 15FIX9V2JP)

Product Characteristics

| | | | |
|----------|----------------------------------------|--------------|----------|
| Color | BLUE (dark blue) | Score | no score |
| Shape | CAPSULE (opaque-printed, hard-gelatin) | Size | 18mm |
| Flavor | | Imprint Code | RL30 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-003-31 | 3 in 1 BOX | 11/20/2019 | |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA211913 | 11/20/2019 | |

ABSORICA LD

isotretinoin capsule

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-004 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 20 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|---------------------------------------------|----------|
| BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |
| POLYSORBATE 80 (UNII: 6OZP39ZG8H) | |
| SOYBEAN OIL (UNII: 241ATL177A) | |
| FD&C BLUE NO. 1 (UNII: HBR47K3TBD) | |
| FD&C RED NO. 40 (UNII: WZB9127XOA) | |
| FERROSO FERRIC OXIDE (UNII: XM0M87F357) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |

Product Characteristics

| | | | |
|-----------------|----------------------------------------|---------------------|----------|
| Color | PINK (dark pink) | Score | no score |
| Shape | CAPSULE (opaque-printed, hard-gelatin) | Size | 20mm |
| Flavor | | Imprint Code | RL33 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-004-31 | 3 in 1 BOX | 11/20/2019 | 11/20/2019 |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA211913 | 11/20/2019 | 11/20/2019 |

ABSORICA LD

isotretinoin capsule

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-005 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 24 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|---------------------------------------------|----------|
| BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |
| POLYSORBATE 80 (UNII: 6OZP39ZG8H) | |
| SOYBEAN OIL (UNII: 241ATL177A) | |
| D&C YELLOW NO. 10 (UNII: 35SW5USQ3G) | |
| FD&C YELLOW NO. 6 (UNII: H77VEI93A8) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |

| Product Characteristics | | | | |
|-------------------------|------------------------------------------|---------------------------------------------------------|----------------------|--------------------|
| Color | YELLOW | Score | no score | |
| Shape | CAPSULE (opaque-printed, hard-gelatin) | Size | 20mm | |
| Flavor | | Imprint Code | RL31 | |
| Contains | | | | |
| Packaging | | | | |
| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
| 1 | NDC:10631-005-31 | 3 in 1 BOX | 11/20/2019 | |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |
| Marketing Information | | | | |
| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date | |
| NDA | NDA211913 | 11/20/2019 | | |

| ABSORICA LD | | | |
|------------------------------------------------------------------|-------------------------|--------------------|---------------|
| isotretinoin capsule | | | |
| Product Information | | | |
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-006 |
| Route of Administration | ORAL | | |
| Active Ingredient/Active Moiety | | | |
| Ingredient Name | | Basis of Strength | Strength |
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | | ISOTRETINOIN | 28 mg |
| Inactive Ingredients | | | |
| Ingredient Name | | | Strength |
| BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | | | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | | | |
| POLYSORBATE 80 (UNII: 6OZP39ZG8H) | | | |
| SOYBEAN OIL (UNII: 241ATL177A) | | | |
| FD&C BLUE NO. 1 (UNII: HBR47K3TBD) | | | |
| FD&C RED NO. 40 (UNII: WZB9127XOA) | | | |
| FERROSFERRIC OXIDE (UNII: XM0M87F357) | | | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | | | |
| SHELLAC (UNII: 46N107B71O) | | | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | | | |
| Product Characteristics | | | |

| | | | |
|-----------------|----------------------------------------|---------------------|----------|
| Color | BLUE (light blue) | Score | no score |
| Shape | CAPSULE (opaque-printed, hard-gelatin) | Size | 22mm |
| Flavor | | Imprint Code | RL34 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|---------------------------------------------------------|----------------------|--------------------|
| 1 | NDC:10631-006-31 | 3 in 1 BOX | 11/20/2019 | 11/20/2019 |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|------------------------------------------|----------------------|--------------------|
| NDA | NDA211913 | 11/20/2019 | 11/20/2019 |

ABSORICA LD

isotretinoin capsule

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:10631-007 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|------------------------------------------------------------------|-------------------|----------|
| ISOTRETINOIN (UNII: EH28UP18IF) (ISOTRETINOIN - UNII:EH28UP18IF) | ISOTRETINOIN | 32 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|---------------------------------------------|----------|
| BUTYLATED HYDROXYANISOLE (UNII: REK4960K2U) | |
| GELATIN, UNSPECIFIED (UNII: 2G86QN327L) | |
| POLYSORBATE 80 (UNII: 6OZP39ZG8H) | |
| SOYBEAN OIL (UNII: 241ATL177A) | |
| FERROSFERRIC OXIDE (UNII: XM0M87F357) | |
| FERRIC OXIDE RED (UNII: 1K09F3G675) | |
| FERRIC OXIDE YELLOW (UNII: EX438O2MRT) | |
| POTASSIUM HYDROXIDE (UNII: WZH3C48M4T) | |
| PROPYLENE GLYCOL (UNII: 6DC9Q167V3) | |
| SHELLAC (UNII: 46N107B71O) | |
| TITANIUM DIOXIDE (UNII: 15FIX9V2JP) | |

Product Characteristics

| | | | |
|--------------|-----------------|--------------|----------|
| Color | BROWN (Caramel) | Score | no score |
|--------------|-----------------|--------------|----------|

| | | | | |
|------------------------------|-------------------------------------------------|---------------------------------------------------------|-----------------------------|---------------------------|
| Shape | CAPSULE (opaque-printed, hard-gelatin) | | Size | 22mm |
| Flavor | | | Imprint Code | RL32 |
| Contains | | | | |
| Packaging | | | | |
| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
| 1 | NDC:10631-007-31 | 3 in 1 BOX | 11/20/2019 | |
| 1 | | 10 in 1 BLISTER PACK; Type 0: Not a Combination Product | | |
| Marketing Information | | | | |
| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date | |
| NDA | NDA211913 | 11/20/2019 | | |

Labeler - Sun Pharmaceutical Industries, Inc. (146974886)

Establishment

| Name | Address | ID/FEI | Business Operations |
|---------------------------------------|---------|-----------|-------------------------------------------------------------------------------|
| Galephar Pharmaceutical Research Inc. | | 968996160 | MANUFACTURE(10631-115, 10631-116, 10631-117, 10631-118, 10631-133, 10631-134) |

Establishment

| Name | Address | ID/FEI | Business Operations |
|-----------------------|---------|-----------|-------------------------------------------------------------------------------|
| Ohm Laboratories Inc. | | 184769029 | MANUFACTURE(10631-002, 10631-003, 10631-004, 10631-005, 10631-006, 10631-007) |

Revised: 6/2020

Sun Pharmaceutical Industries, Inc.