

Information for the Patient

LAMICTAL® (lamotrigine) Tablets

25 mg, white, imprinted with LAMICTAL 25

100 mg, peach, imprinted with LAMICTAL 100

150 mg, white, imprinted with LAMICTAL 150

200 mg, blue, imprinted with LAMICTAL 200

LAMICTAL® (lamotrigine) Chewable Dispersible Tablets

2 mg, white, imprinted with LG 2

5 mg, white, imprinted with LG 5

25 mg, white, imprinted with LG 25

LAMICTAL® (lamotrigine) Chewable Dispersible Tablets

25 mg, white, imprinted with LG 25

5 mg, white, imprinted with LG 5

2 mg, white, imprinted with LG 2

NOTE: The pictures above show actual tablet shape and size and the wording describing the color and markings that is on each package of LAMICTAL. Strips of LAMICTAL Chewable Dispersible Tablets Before taking your medicine, it is important to compare the tablets you receive from your doctor or pharmacist with these pictures to make sure you have received the correct medicine.

Please read this leaflet carefully before you take LAMICTAL and read the leaflet provided with any refill, in case any information has changed. This leaflet provides a summary of the information about your medicine. Please do not throw away this leaflet until you have finished your medicine. This leaflet does not contain all the information about LAMICTAL and is not meant to take the place of talking with your doctor. If you have any questions about LAMICTAL, ask your doctor or pharmacist.

Information About Your Medicine:

The name of your medicine is LAMICTAL (lamotrigine). The decision to use LAMICTAL is one that you and your doctor should make together.

When taking lamotrigine, it is important to follow your doctor's instructions.

1. The Purpose of Your Medicine With Bipolar Disorder: LAMICTAL is used as maintenance treatment of Bipolar Disorder to delay the time to occurrence of mood episodes in people aged 18 years or older.

2. Side Effects to Watch for: Most people who take LAMICTAL tolerate it well. Common side effects include dizziness, headache, blurred or double vision, lack of coordination, sleepiness, nausea, and rash.

LAMICTAL may cause other side effects not listed in this leaflet. If you develop any side effects or symptoms you are concerned about or need more information, call your doctor.

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LAMICTAL may cause other side effects not listed in this leaflet. If you develop any side effects or symptoms you are concerned about or need more information, call your doctor.

4. Other Patients Who Develop Rash While Receiving LAMICTAL: Some individuals may develop a rash while receiving LAMICTAL. In some cases, symptoms, some individuals may develop a serious skin reaction that requires hospitalization. Rarely, deaths have been reported. These serious skin reactions are most likely to happen within the first 8 weeks of treatment with LAMICTAL. Serious skin reactions occur more often in children than in adults.

5. Rash: Rash may be mild or severe. If you have a rash, you should call your doctor.

6. Rash that is Not Serious: If you have a mild rash, you should call your doctor. The rash may be treated with antihistamines.

7. Rash that is Serious: If you have a severe rash, you should call your doctor. The rash may be treated with corticosteroids.

8. Rash that is Life-Threatening: If you have a severe rash that is life-threatening, you should call your doctor. The rash may be treated with corticosteroids and other medications.

PHARMACIST—DETACH HERE AND GIVE INSTRUCTIONS TO PATIENT

LAMICTAL® (lamotrigine) Tablets
LAMICTAL® (lamotrigine) Chewable Dispersible Tablets

DESCRIPTION
LAMICTAL (lamotrigine), an antiepileptic drug (AED) of the phenyltriazine class, is chemically unrelated to existing antiepileptic drugs. Its chemical name is 3,5-diamino-6-(2,3-dichlorophenyl)-5H-tetrazolo[5,4-b]pyridine, and its molecular weight is 256.09. Lamotrigine is a white to pale cream-colored powder and has a pK_a of 5.7. Lamotrigine is very slightly soluble in water (0.17 mg/mL at 25°C) and slightly soluble in 0.1 M HCl (0.14 mg/mL at 25°C). The structural formula is:

Nc1nc2c(ncn2C1)Cl

LAMICTAL Tablets are supplied for oral administration as 25-mg (white), 100-mg (peach), 150-mg (white), and 200-mg (blue) tablets. Each tablet contains the labeled amount of lamotrigine and the following inactive ingredients: lactose, magnesium stearate, microcrystalline cellulose, povidone, sodium starch glycolate, FD&C Yellow No. 6 Lake (100-mg peach), FD&C Yellow No. 10 (150-mg white), and FD&C Blue No. 2 Lake (200-mg blue). LAMICTAL Chewable Dispersible Tablets are supplied for oral administration. The tablets contain 2 mg (white), 5 mg (white), or 25 mg (white) of lamotrigine and the following inactive ingredients: blackcurrant flavor, calcium carbonate, low-substituted hydroxypropylcellulose, magnesium aluminum silicate, magnesium stearate, povidone, saccharin sodium, and sodium starch glycolate.

CLINICAL PHARMACOLOGY
Mechanism of Action: The precise mechanism(s) by which lamotrigine exerts its anticonvulsant action are unknown. In animal models designed to detect anticonvulsant activity, lamotrigine was effective in preventing seizure spread in the maximum electroshock (MES) and pentylenetetrazol (scMet) tests, and prevented seizures in the visually and electrically evoked after-discharge (EAD) tests for antiepileptic activity. The relevance of these models to human epilepsy, however, is not known. One proposed mechanism of action of LAMICTAL, the relevance of which remains to be established in humans, involves an effect on sodium channels. In vitro pharmacological studies suggest that lamotrigine inhibits voltage-sensitive sodium channels, thereby stabilizing neuronal membranes and consequently modulating presynaptic transmitter release of excitatory amino acids (e.g., glutamate and aspartate).

The mechanisms by which lamotrigine exerts its therapeutic action in Bipolar Disorder have not been established.

Pharmacological Properties: Although the relevance for human use is unknown, the following data characterize the performance of LAMICTAL in receptor binding assays. Lamotrigine had a weak inhibitory effect on the serotonin 5-HT₁ receptor (IC_{50} = 18 μ M). It did not affect binding of [³H]-5-HT to the following neurotransmitter receptors: adenosine A₁ and A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂. Studies have failed to detect an effect of lamotrigine on dihydropyridine-sensitive calcium channels and weak receptors (IC_{50} > 100 μ M) to the following neurotransmitter receptors: adenosine A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂. Studies have failed to detect an effect of lamotrigine on dihydropyridine-sensitive calcium channels and weak receptors (IC_{50} > 100 μ M) to the following neurotransmitter receptors: adenosine A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂. Studies have failed to detect an effect of lamotrigine on dihydropyridine-sensitive calcium channels and weak receptors (IC_{50} > 100 μ M) to the following neurotransmitter receptors: adenosine A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂.

Effect of Lamotrigine on N-Methyl-D-Aspartate-Receptor Mediated Activity: Lamotrigine did not inhibit NMDA-dL-aspartate (NMDA)-induced depolarizations in rat cortical slices or NMDA-induced cyclic GMP formation in immature rat cerebellum, nor did lamotrigine affect the binding of [³H]-NMDA to the following neurotransmitter receptors: adenosine A₁ and A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂. Studies have failed to detect an effect of lamotrigine on dihydropyridine-sensitive calcium channels and weak receptors (IC_{50} > 100 μ M) to the following neurotransmitter receptors: adenosine A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂. Studies have failed to detect an effect of lamotrigine on dihydropyridine-sensitive calcium channels and weak receptors (IC_{50} > 100 μ M) to the following neurotransmitter receptors: adenosine A₂, adrenergic α_1 , α_2 , and β , dopamine D₁ and D₂, γ -aminobutyric acid (GABA) A and B, histamine H₁, kappa opioid, muscarinic acetylcholine, and serotonin 5-HT₂.

Accumulation in Kidneys: Lamotrigine was found to accumulate in the kidney of the male rat, causing chronic progressive nephrosis, necrosis, and mineralization. These findings are attributed to α -2 microglobulin, a species- and sex-specific protein that has not been detected in humans or dogs.

Melanin Binding: Lamotrigine binds to melanin-containing tissues, e.g., in the eye and pigmented skin. It has been found to bind *in vivo* to 52 weeks after a single dose in rodents.

Cardiovascular: In dogs, lamotrigine is extensively metabolized to a 2-N-methyl metabolite. This metabolite causes dose-dependent prolongations of the PR interval, widening of the QRS complex, and, at higher doses, complete AV conduction block. Similar cardiovascular effects are not anticipated in humans because only trace amounts of the 2-N-methyl metabolite (<0.6% of lamotrigine dose) have been found in human urine (see Drug Disposition). However, it is conceivable that plasma concentration of this metabolite could be increased in patients with a reduced capacity to glucuronidate lamotrigine (e.g., in patients with liver disease).

Pharmacokinetics and Drug Metabolism: The pharmacokinetics of lamotrigine have been studied in patients with epilepsy, healthy young and elderly volunteers, and volunteers with chronic renal impairment. Lamotrigine pharmacokinetic parameters for adult and pediatric patients and healthy normal volunteers are summarized in Tables 1 and 2.

Table 1. Mean* Pharmacokinetic Parameters in Healthy Volunteers and Adult Patients With Epilepsy

Adult Study Population	Number of Subjects	T _{max} , Time of Peak Plasma Concentration (h)	t _{1/2} , Elimination Half-life (h)	Cl/F, Apparent Plasma Clearance (mL/min/kg)
Healthy volunteers taking no other medications:				
Single-dose LAMICTAL	179	2.2 (0.25-12.0)	32.8 (14.0-103.0)	0.44 (0.12-1.0)
Multiple-dose LAMICTAL	36	0.5-4.0	11.6-61.6	0.24-1.15
Healthy volunteers taking valproate:				
Single-dose LAMICTAL	6	1.8 (1.0-4.0)	48.3 (31.5-88.6)	0.30 (0.14-0.42)
Multiple-dose LAMICTAL	18	1.9 (0.5-3.5)	70.3 (41.9-113.5)	0.18 (0.12-0.33)
Patients with epilepsy taking valproate:				
Single-dose LAMICTAL	4	4.8 (1.8-8.4)	58.8 (30.5-88.8)	0.28 (0.16-0.40)
Patients with epilepsy taking other antiepileptic drugs (AEDs) plus valproate:				
Single-dose LAMICTAL	25	3.8 (1.0-10.0)	27.2 (11.2-51.6)	0.53 (0.27-1.04)
Patients with epilepsy taking EIAEDs:				
Single-dose LAMICTAL	24	2.3 (0.5-5.0)	14.4 (6.30-34.0)	1.10 (0.51-2.22)
Multiple-dose LAMICTAL	17	0.75-5.93	7.5-23.1	0.66-1.82

Table 2. Mean* Pharmacokinetic Parameters in Pediatric Patients With Epilepsy

Pediatric Study Population	Number of Subjects	T _{max} , h	t _{1/2} , h	Cl/F, mL/min/kg
Agnes 10 months-5 years	10	3.0 (2.4-5.9)	6.7 (5.7-7.4)	3.62 (2.44-5.28)
Patients taking enzyme-inducing concomitant AEDs (see DOSAGE AND ADMINISTRATION):				
Patients taking antiepileptic drugs (AEDs) with no known effect on drug-metabolizing enzymes	7	2.9 (2.6-3.1)	44.9 (12.9-27.1)	0.47 (0.75-2.42)
Patients taking valproate only	8	2.9 (1.0-6.0)	44.9 (29.5-52.5)	0.47 (0.23-0.77)
Agnes 5-11 years	7	1.6 (1.0-3.0)	7.0 (3.7-18.0)	2.54 (1.36-5.58)
Patients taking EIAEDs	7	1.6 (1.0-3.0)	7.0 (3.7-18.0)	2.54 (1.36-5.58)
Patients taking EIAEDs plus valproate	8	3.3 (1.6-4.0)	19.1 (7.0-31.2)	0.89 (0.39-1.93)
Patients taking valproate only	3	4.5 (3.0-6.0)	65.8 (20.4-121.4)	0.24 (0.21-0.26)
Agnes 13-18 years	11	1.1 (0.8-1.6)	1.1 (0.8-1.6)	1.1 (0.8-1.6)
Patients taking EIAEDs	8	1.1 (0.8-1.6)	1.1 (0.8-1.6)	1.1 (0.8-1.6)
Patients taking EIAEDs plus valproate	11	1.1 (0.8-1.6)	1.1 (0.8-1.6)	1.1 (0.8-1.6)
Patients taking valproate only	4	1.1 (0.8-1.6)	1.1 (0.8-1.6)	1.1 (0.8-1.6)

*Two subjects were included in the calculation for mean T_{max}.
†Parameter not estimated.

Elderly: The pharmacokinetics of lamotrigine following a single 150-mg dose of LAMICTAL were evaluated in 12 elderly volunteers between the ages of 65 and 76 years (mean creatinine clearance = 61 mL/min, range = 33 to 108 mL/min). The mean half-life of lamotrigine in these subjects was 31.2 hours (range, 24.5 to 43.4 hours), and the mean clearance was 0.40 mL/min/kg (range, 0.26 to 0.48 mL/min/kg).

Gender: The clearance of lamotrigine is not affected by gender. However, during dose escalation of LAMICTAL in one clinical trial in patients with epilepsy on a stable dose of valproate (n = 77), mean trough lamotrigine concentrations, unadjusted for gender, were 24 to 45% higher (0.3 to 1.7 mg/mL) in females than in males.

Race: The apparent oral clearance of lamotrigine was 25% lower in non-Caucasians than Caucasians.

CLINICAL STUDIES
Epilepsy: The results of controlled clinical trials established the efficacy of LAMICTAL as monotherapy in adults with partial onset seizures already receiving treatment with a single enzyme-inducing antiepileptic drug (EIAED), as adjunctive therapy in adults and pediatric patients aged 2 to 16 with partial seizures, and as adjunctive therapy in the generalized seizures of Lennox-Gastaut syndrome in pediatric patients.

Monotherapy With LAMICTAL in Adults With Partial Seizures Already Receiving Treatment With a Single EIAED: The effectiveness of monotherapy with LAMICTAL was established in a multicenter, double-blind clinical trial enrolling 156 adult outpatients with partial seizures. The patients experienced at least 4 simple partial, complex partial, and/or secondarily generalized seizures during the 4-week period before randomization to either LAMICTAL or carbamazepine monotherapy (target dose of 500 mg/day) or valproate (1,000 mg/day) was added to either carbamazepine or phenytoin monotherapy over a 4-week period. Patients were then converted to monotherapy with LAMICTAL or valproate during the next 4 weeks, then continued on monotherapy for an additional 12-week period.

Study endpoints were completion of all weeks of study treatment or meeting an escape criterion. Criteria for escape relative to baseline were: (1) doubling of average monthly seizure count, (2) doubling of highest consecutive 2-day seizure frequency, (3) emergence of a new seizure type (defined as a seizure that did not occur during the 8-week baseline) that is more severe than any seizure type that occurred during the baseline, and (4) development of a seizure type that was not observed in the 8-week baseline. The primary efficacy variable was the proportion of patients in each treatment group who met escape criteria.

The percentage of patients who met escape criteria was 42% (32/76) in the LAMICTAL group and 69% (55/80) in the valproate group. The difference in the proportion of patients meeting escape criteria was statistically significant (p = 0.0012) in favor of LAMICTAL. No differences in efficacy based on age, sex, or race were detected.

Patients in the control group were intentionally treated with a relatively low dose of valproate; as such, the sole objective of this study was to demonstrate the effectiveness and safety of monotherapy with LAMICTAL, and cannot be interpreted to imply the superiority of LAMICTAL to an adequate dose of valproate.

Adjunctive Therapy With LAMICTAL in Adults With Partial Seizures: The effectiveness of LAMICTAL as adjunctive therapy (added to other AEDs) was established in 3 multicenter, placebo-controlled, double-blind clinical trials in 355 adults with refractory partial seizures. The patients had a history of at least 4 partial seizures per month in spite of receiving one or more AEDs at therapeutic concentrations, and in 2 of the studies, were also receiving another AED. Patients were randomized to receive placebo, a target dose of 300 mg/day of LAMICTAL, or a target dose of 500 mg/day of LAMICTAL. The median reductions in the frequency of seizures in patients receiving LAMICTAL compared to placebo (p < 0.01) were 26% in patients receiving 300 mg/day of LAMICTAL, and 36% in patients receiving 500 mg/day of LAMICTAL. The seizure frequency reduction was statistically significant in the 500-mg/day group compared to the placebo group, but not in the 300-mg/day group.

A second study (n = 98) was a double-blind, placebo-controlled, randomized, crossover trial consisting of two 14-week treatment periods (each lasting 2 weeks at which time patients were separated by a 4-week washout period). Patients could not be on more than 2 other anticonvulsants and valproate was not allowed. The target dose of LAMICTAL was 400 mg/day. The first 12 weeks of the treatment periods were analyzed; the median change in seizure frequency was a 25% reduction on LAMICTAL compared to placebo (p < 0.01).

No differences in efficacy based on age, sex, or race, as measured by change in seizure frequency, were detected.

Adjunctive Therapy With LAMICTAL in Pediatric and Adult Patients With Lennox-Gastaut Syndrome: The effectiveness of LAMICTAL as adjunctive therapy in patients with Lennox-Gastaut syndrome was established in a multicenter, double-blind, placebo-controlled trial in 169 patients aged 3 to 25 years (n = 79 on LAMICTAL, n = 90 on placebo). Following a 4-week single-blind, placebo-controlled period (from 15 to 18 years (n = 88 on placebo, n = 90 on LAMICTAL)), patients were randomized to 18 weeks of treatment with LAMICTAL or placebo added to their current AED regimen up to 2 drugs. Patients were dosed based on body weight and valproate use. Target doses were designed to approximate 5 mg/kg per day for patients taking valproate (maximum dose, 250 mg/kg per day) for the patients not taking valproate (maximum dose, 750 mg per day). The primary efficacy endpoint was percentage change from baseline in all partial seizures. For the intent-to-treat population, the median reduction of all partial seizures was 36% in patients treated with LAMICTAL and 7% on placebo, a difference that was statistically significant (p < 0.05).

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Drug Disposition: Lamotrigine is metabolized predominantly by glucuronic acid conjugation; the major metabolite is an inactive 2-N-glucuronide (maximum dose, 250 mg/kg per day) and 15 mg/kg per day for the patients not taking valproate (maximum dose, 750 mg per day). The primary efficacy endpoint was percentage change from baseline in all partial seizures. For the intent-to-treat population, the median reduction of all partial seizures was 36% in patients treated with LAMICTAL and 7% on placebo, a difference that was statistically significant (p < 0.05).

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INDICATIONS AND USAGE
Epilepsy: LAMICTAL is indicated as adjunctive therapy for partial seizures in adults and pediatric patients (>2 years of age). LAMICTAL is also indicated as adjunctive therapy for the generalized seizures of Lennox-Gastaut syndrome in adult and pediatric patients (>2 years of age).

Bipolar Disorder: LAMICTAL is indicated for conversion to monotherapy in adults with partial seizures who are receiving treatment with a single EIAED or valproate.

Safety and effectiveness of LAMICTAL have not been established (1) as initial monotherapy, (2) for conversion to monotherapy from non-enzyme-inducing AEDs except valproate, or (3) for simultaneous conversion to monotherapy from 2 or more concomitant AEDs (see DOSAGE AND ADMINISTRATION).

Safety and effectiveness in patients below the age of 16 other than those with partial seizures and the generalized seizures of Lennox-Gastaut syndrome have not been established (see BOX WARNING).

Bipolar Disorder: LAMICTAL is indicated as maintenance treatment of Bipolar Disorder to delay the time to occurrence of mood episodes (depressive, manic, hypomanic, or mixed episodes) in patients treated for acute mood episodes with standard therapy. The effectiveness of LAMICTAL in the acute treatment of mood episodes has not been established.

The effectiveness of LAMICTAL as maintenance treatment was established in 2 placebo-controlled trials of 18 months' duration in bipolar patients. In the first study (see CLINICAL STUDIES, Bipolar Disorder), the median time to occurrence of mood episode using LAMICTAL for periods extending beyond 18 months should periodically re-evaluate the long-term usefulness of the drug for the individual patient.

CONTRAINDICATIONS
LAMICTAL is contraindicated in patients who have demonstrated hypersensitivity to the drug or its ingredients.

WARNINGS
SEE BOX WARNING REGARDING THE RISK OF SERIOUS RASHES REQUIRING HOSPITALIZATION AND DISCONTINUATION OF THERAPY.

ALTHOUGH BENIGN RASHES ALSO OCCUR WITH LAMICTAL, IT IS NOT POSSIBLE TO PREDICT RELIABLY WHICH RASHES WILL PROVE TO BE SERIOUS OR LIFE-THREATENING. ACCORDINGLY, LAMICTAL SHOULD ORDINARILY BE DISCONTINUED AT THE FIRST SIGN OF RASH, UNLESS THE RASH IS CLEARLY NOT DRUG RELATED, DISCONTINUATION OF TREATMENT MAY NOT BE NECESSARY, AND THE PATIENT IS UNDER CLOSE SUPERVISORY OBSERVATION.

Serious Rash: Pediatric Population: The incidence of serious rash associated with hospitalization and discontinuation of LAMICTAL in a prospectively followed cohort of pediatric patients with epilepsy receiving adjunctive therapy was approximately 0.8% (1 of 128). When these cases were reviewed, there was considerable disagreement as to their proper classification. To illustrate, one dermatologist considered none of the cases to be Stevens-Johnson syndrome; another assigned 7 of the 14 to this diagnosis. There was 1 rash related death in this 1,983 patient cohort. Additionally, there have been rare cases of toxic epidermal necrolysis with and without permanent sequelae and/or death in US and foreign post-marketing experience. It bears emphasis, accordingly, that LAMICTAL is only approved for use in those patients below the age of 16 who have partial seizures or generalized seizures associated with the Lennox-Gastaut syndrome (see INDICATIONS).

There is evidence that the inclusion of valproate in a multidrug regimen increases the risk of serious, potentially life-threatening rash in pediatric patients. In pediatric patients who received LAMICTAL concomitantly, 1.2% (6 of 482) experienced a serious rash compared to 0.6% (6 of 952) patients not taking valproate.

Adult Population: Serious rash associated with hospitalization and discontinuation of LAMICTAL occurred in 0.3% (11 of 3,348) of adult patients who received LAMICTAL in premarketing clinical trials of epilepsy. In the bipolar and other mood disorders clinical trials, the rate of serious rash was 0.06% (1 of 1,212) in patients receiving LAMICTAL as adjunctive therapy and 0.13% (2 of 1,538) of adult patients who received LAMICTAL as adjunctive therapy. No fatalities occurred among these individuals. However, in worldwide postmarketing experience, rare cases of rash-related death have been reported, but their numbers are too small to permit a precise estimate of the risk.

Among the rashes leading to hospitalization were Stevens-Johnson syndrome, toxic epidermal necrolysis, angioedema, and a rash associated with a variable number of the following systemic manifestations: fever, lymphadenopathy, facial swelling, hematologic, and hepatologic abnormalities.

There is evidence that the inclusion of valproate in a multidrug regimen increases the risk of serious, potentially life-threatening rash in adults. Specifically, of 584 patients administered LAMICTAL with valproate in epilepsy clinical trials, 6 (1%) were hospitalized in association with rash; in contrast, 4 (0.16%) of 2,398 clinical trial patients and volunteers administered LAMICTAL in the absence of valproate were hospitalized.

Other examples of serious and potentially life-threatening rash that did not lead to hospitalization also occurred in premarketing development. Among these, 1 case was reported to be Stevens-Johnson-like.

Hypersensitivity Reactions: Hypersensitivity reactions, some fatal or life threatening, have also occurred. Some of these reactions have included features of multorgan failure/dysfunction, including renal abnormalities and evidence of disseminated intravascular coagulation. It is important to note that early manifestations of hypersensitivity (e.g., fever, lymphadenopathy) may be present even though a rash is not evident. If such signs or symptoms are present, the patient should be evaluated immediately. The rash should be discontinued if an allergic reaction to the drug or its ingredients cannot be established.

Prior to initiation of treatment with LAMICTAL, the patient should be instructed to report any other signs or symptoms of hypersensitivity (e.g., fever, lymphadenopathy) may herald a serious medical event and that the patient should report any such occurrence to a physician immediately.

Interactions With Folate Inhibitors: Lamotrigine has been shown to interfere with the absorption of folic acid. Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements. Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements. Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements.

Interactions With Other Drugs: The addition of LAMICTAL to carbamazepine, phenytoin, or valproate may decrease the plasma concentrations of these drugs. The addition of LAMICTAL to carbamazepine, phenytoin, or valproate may decrease the plasma concentrations of these drugs. The addition of LAMICTAL to carbamazepine, phenytoin, or valproate may decrease the plasma concentrations of these drugs.

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LAMICTAL® (lamotrigine) Tablets
LAMICTAL® (lamotrigine) Chewable Dispersible Tablets

PRECAUTIONS
General: Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements. Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements. Patients receiving LAMICTAL should be instructed to take folic acid supplements if they are taking folic acid supplements.

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