HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use SUBVENITE® safely and effectively. See full prescribing information for SUBVENITE®.

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Follows:

Adjunctive therapy—See Table 1 for patients older than 12 years and Tables 2 and 3 for patients aged 2 to 12 years. (2.2)

Conversion to monotherapy—See Table 4. (2.3)

| Signalar discorder: See Tables 5 and 6. (2.4)
| DOSAGE FORMS AND STRENGTHS |
| Oral Suspension: 10 mg/mL (3)

SIMILATION OF THE ACT OF THE ACT

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WARNING: SERIOUS SKIN RASHES

WARHING. SERIOUS SOIN RASKES

SUBVENTE can cause serious ranken requiring hospitalization and discontinuation of treatment. The incidence of these ranken, which have included Steven-pionens oryadroms, a gaperolankelp, 62.75 to 0.75 in receiving jamotrigine. One rank-related death was reported in a prospectively followed coloret of 1,489 pollution planting plant

estimate of the rate.

Other than age, there are as no factors identified that are known to predict the risk of occurrence or the severity of rash caused by insurityine. There are suggestions, you'll be proven, that the risk of rash may also be increased by 1.1 continuistration of insurityine with the risk of rash may also be increased by 1.1 continuistration of insurityine with the recommended initial disors of insurityine, or (13) exceeding the recommended dose escalation for insurityine. However, cases have occurred in the absence of these factors.

occurred in the abence of these factors.

Rearly all cases of life-threatening rashes caused by lamotrigine have concurred in the abence of these factors.

Rearly all cases of life-threatening rashes caused by lamotrigine have concurred the problemation of the concurred the problemation of the concurred the problemation of the concurred atter problemation of the concurred atterproblemation of the concurred atterproblematic atterproblemation of the concurred atterproblematic atterproblemation of the concurred atterproblematic atterproblemation of the concurred atterproblematic atterproblemation of the concurred atterproblemation of the concurred atterproblemation of the concurred atterproblemation o

1.1 Epilepsy Adjunctive Therapy

SUBVENITE is indicated as adjunctive therapy for the following seizure types in patients aged 2 years and older:

• partial-orac sectures:

• primary generalized tonic-clonic (PGTC) seizures.

• generalized seizures of Leronox-Gastaut syndrome.

Monotheracy SURVENITE is indicated for conversion to monotheracy in adults (aped 16 years and older) with partial-onset sciences who are receiving treatment with carbamacepine, phosphorion, phonobathal primitions, or volproate as the single enterplaytic drugs (AED). Safety and effectiveness of SURVENITE have not been established (1) as initial monotheracy (2) for conversion to monotheracy prion AEDs other than carbamacepine, phenytion, phenobathal, primition, or valgroate; or (3) for simultaneous conversion to monotheracy (2) for more prior concentrant AEDs.

J. 28 Bjobar Disorder
SUBVENITE is indicated for the maintenance treatment of bipolar I disorder to delay the time to occurrence of mood episodes (depression, mans, hypomanis, mixed episodes) in paleints treated for acute mood episodes with standard therapy (see Chical Studies

<u>Limitations of Use</u>

Treatment of acute manic or mixed episodes is not recommended. Effectiveness of SUBVENITE in the acute treatment of mood episodes has not been established.

2 DOSAGE AND ADMINISTRATION

2.1 General Dosing Considerations

AL centeral Usering Considerations

Bash

There are suggestions, yet to be proven, that the risk of severe, potentially lifethreatening rash two he increased by (1) coadministration of lemotripie with velyros

(2) exceeding the recommended initial dose of lemotripies, or (3) exceeding the

recommended dose excludits for lemotripie. However, case have occurred in the

absence of these factors (see Board Warning). Therefore, it is important that the

SUBVENITE dosing recommendations be followed to tools,

SUBSWITE doubty recommendate in the subswite state of the subswite

SUBVENITE Added to Drugs Known to Induce or Inhibit Glucuronidation

SUBVENTE Addres in Props Common to Induce or Inship Sicuromistation
Because Interdings in entablished predimensality by glucurons cit col regulation, drugs
that are insome to induce or inhibs glucuromistation may affect the apparent clearance of
benefityine. Trugs their bruize epicomoletion incides or chamsering, inherityine.
Contraceptives, and the proteese inhibitors to provide incide or chamsering, inherityine,
contraceptives, and the proteese inhibitors to provide informative and abscanneit/nonevivideymate inhibits quitorisation. For doors considerations of SUBVENTET in patients to below and Table 13. For doorsig considerations for SUBVENTET in patients on these
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Women Taking Estrogen-Containing Oral Contraceptives

Woman Exhips Estrogen-Contained Oral Contraceptives.

Senting SURVENITE on Woman Painting Estrogen-Containing Oral Contraceptives Starting SURVENITE on Woman Painting Historyne Containing oral contraceptives have been shown to increase the recommended does excelled in guideline for SURVENITE should be necessary solely based on the use of estrogen-containing oral contraceptives. Therefore, does escaled to putledine for SURVENITE should be necessary solely based on the use of estrogen-containing or call contraceptives. Therefore, does escaled to the contraceptive of the concentration of the or other concentration efficiency or other containing and contraceptives.

Adjustments to the Maintenance Does of SURVENITE in Woman Taking Estrogen-Containing of a Contraceptives.

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bring interactions (7). Chince Pharmacology, (22.3).

(3) Stopping Estimptor, Containing Oral Contrangateless in some not taking carbaneasgine, pherpitan, pherobabitals, primidens, or other drugs such as rifamental contrangations, and the contrangation of the c

The district of the program of the properties or Hermone Replacement Intelligence of the program of the program

(12.3).

Fatients with Heast's Impair mont

Experience in patients with heast's repairment is limited. Based on a clinical
pharmacology suited in 14 subjects with mild, moderate, and sowne here impairment
pharmacology suited in 14 subjects with mild, moderate, and sowne here impairment
pharmacology suited in 14 subjects with mild, moderate, and sowne here impairment in the control of the mild of the pharmacology suited generally be reduced by approximately 25 in patients with mild secretion, and maintenance does such object generally be reduced by approximately 25 in patients with moderate and source here impairment without
maintenance does such may be adjusted according to clinical response.

Delivership with Benal Impairments

maintenance doses may be adjusted according to clinical response. Plediests with Real Immarisment. Initial doses of SUBVENITE involved in a patients' connominant medications (see Tables 1 to 3, and 5) reduced maintenance doses may be effective for potentia with significant renal impairment (see Use in Specific Populations (8.7), Clinical Pharmacology (12.3), Five patients with severe renal impairment have been evaluated during rhorner treatment with smortigree. Because there is inside;quate experience in this population. SUBVENITE should be used with caction in these patients.

Discontinuation Strategy
fieldings for spaties nevering GUIVEWITE in combination with other AEDs, a reevaluation of all AEDs in the regimen should be considered if a change in secure control or an appearance or overseming of allower securious is observed. If a decision is made to discontinue therapy with SUBPORTIE, a step-wise reduction of does over at least 2 weeks (approximately) files preventing in commended unless safety concerns require a more rapid withdrawal (see Warnings and Precautions CS 1.0). Discontinuing catematories, policy profits, proheablish principion or other drugs such as rifaragin and the proteose shifted in Subposition and such as a second of the supposition of supposition of the supposition of the supposition of supposition of the supposition of the supposition of supposition of the supposition of suppositio

safety concerns require a more regular desired a few afterings and of recursions for LDD.
Decominating carban sergines a more regular desired a few afterings and of recursions (LDD.)
Decominating carban sergines phenytini, phenobarbilish prindions, or other drugs such more regular desired and provides the safety of the saf

2.2 Epilopsy Adjustic Therapy
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6.2 Ep

Recommended dosing guidelines are summarized in Table 1.
Table 1. Escalation Regimen for SUBVENITE in Patients Older than 12 Years with Epilepsy

	In Patients TAKING Valproate ^a	In Patients NOT TAKING Carbamazepine, Phenytoin, Phenobarbital, Primidone ^b , or Valproate ^a	In Patients TAKING Carbamazepine, Phenytoin, Phenobarbital, or Primidoneb and NOT TAKING Valproateb
	25 mg every other day	25 mg every day	50 mg/day
Weeks 3 and 4	25 mg every day	50 mg/day	100 mg/day (in 2 divided doses)
		Increase by 50 mg/day	
maintenance	to	every 1 to 2 weeks.	100 mg/day every 1 to 2 weeks.
	2 weeks.		
Usual	100 to 200	225 to 375 mg/day	300 to 500 mg/day
	mg/day with	(in 2 divided doses)	(in 2 divided doses)
	valproate alone 100 to 400 mg/day with valproate and other drugs that induce glucuronidation		
	(in 1 or 2 divided doses)		

*Valgrade has been shown to inhibit glucuronidation and decrease the apparent, clear race of lamicitipie (see Drug Interactions (1.0, Edical Phormacology (1.2)). The clear race of shortingine (see Drug Interactions (1.0, Edical Phormacology (1.2)) in the specified AEIDs, related extragels containing on contraceptives, "Amenia, and the processes hibitors bepresent into one of contraceptives," Arrains, and the processes hibitors are processed and advantage of the contraction (1.2)). Period the contraction (1.2), and the contraction of the contraction (1.2) and the contraction of the contraction of

recommended because of the suggestion that the risk of each may be decreased by beiner starting doctors and beiner dose escalables. Therefore, maintenance doses will take longer to reach in clinical practice than in clinical trisk. It may take several weeks to months to a chieve an individualized maintenance dose, Methemanice doses in patients weighting < 30 kg, regardless of age or concomitant AED, may need to be increased as much as 50%, because on clinical response.

	In Patients TAKING Valproate ^a	In Patients NOT TAKING Carbamazepine, Phenytoin, Phenobarbital, Primidone ^b , or Valproate ^a	In Patients TAKING Carbamazepine, Phenytoin, Phenobarbital, or Primidone ^b and NOT TAKING Valproate ^a
Weeks 1	0.15	0.3 mg/kg/day	0.6 mg/kg/day
and 2	mg/kg/day in 1 or 2 divided doses	in 1 or 2 divided doses	in 2 divided doses
Weeks 3 and 4	0.3 mg/kg/day	0.6 mg/kg/day in 2 divided doses	1.2 mg/kg/day in 2 divided doses
Week 5	The dose should	The dose should be	The dose should be
onward to maintenance	be increased seevery 1 to 2 weeks as	increased every 1 to 2 weeks as follows: calculate	increased every 1 to 2 weeks as follows: calculate
	follows: calculate 0.3 mg/kg/day	,	amount to the previous administered daily dose
Usual maintenanc dose	1 to 5 emg/kg/day (maximum 200 mg/day in 1 or 2 divided doses)	4.5 to 7.5 mg/kg/day (maximum 300 mg/day in 2 divided doses)	5 to 15 mg/kg/day (maximum 400 mg/day 2 divided doses)
	1 to 3 mg/kg/day with valproate alone May need to be	ı	
	eincreased by as		
dose in	much as 50%,	increased by as much	May need to be increas
patients <30 kg	based on clinical response.	as 50%, based on clinical response.	by as much as 50%, by on clinical response.

* Vajorade has been shown to hisbit glucuronidation and decrease the apparent clearance of lemotrapie (see Pana) interactions (7). Clear Pharmacobyy (72.30).

* Pougs that value countripies (see Compliant and increase clearance, other than the Panay that value countripies (see Compliant and increase clearance, other than the proteose inhibitor is primarily marked to the proteose inhibitor is primarily mortact, including ori contraceptives and the proteose inhibitor attaining products, including ori contraceptives and the proteose inhibitor attaining products, including ori contraceptives and the proteose inhibitor attaining products, including ori contraceptives and the proteose inhibitor attaining products, including ori contraceptives and the proteose inhibitor attaining products, including introduction and contract contract contract regimen used with AEDs that notice glucuronidation and increase clearance (see Dosage and Administration (2.1), Using Interaction (7), Clearl Pharmacokey (7.2)).

Administration (2.1), Drug Interactions (7), Chical Pharmacology (12.3)). Usual Administration Carlo Sinderical Chical State of the Chical State

2.3 Epilepsy-Conversion from Adjunctive Therapy to Monotherapy

The goal of the transition regimen is to attempt to maintain seizure control while mitigating the risk of serious rash associated with the rapid titration of lamotrigine. The recommended maintenance dose of SUBVENITE as monotherapy is 500 mg/day given in 2 divided doses.

To avoid an increased risk of rash, the recommended initial dose and subsequent dose escalations for SUBVENITE should not be exceeded [see Boxed Warning].

Compressor from Adjunctive Therapy with Customacepine Propriot Permitted Landscription of the Compressor from Adjunctive Therapy with Customacepine Propriot Permitted Landscription of the Compressor from Adjunctive Therapy as sees of 500 modify of SURVINITY using the guideline in Table 1, the concombant engine reducing ABD bands be entherapy of 50% decrements active work over a 4-week period. The regimen for the withdrawal of the concombant AED is based on experience guideline in the curricular incombinerapy clicia for the concombant of the Compressor for th

Conversion from Adjunctive Therapy with Valproate to Monotherapy with SUBVENITE The conversion regimen involves the 4 steps outlined in Table 3.

Table 3. Conversion from Adjunctive Therapy with Valproate to Monotherapy with SUBVENITE in Patients Aged 16 Years and Older with Epilepsy

	SUBVENITE	Valproate
Step 1	Achieve a dose of 200 mg/day according to guidelines in Table 1.	Maintain established stable dose.
Step 2	Maintain at 200 mg/day.	Decrease dose by decrements no greater than 500 mg/day/week to 500 mg/day and then maintain for 1 week.
Step 3		Simultaneously decrease to 250 mg/day and maintain for 1 week.
Step 4	Increase by 100 mg/day every week to achieve maintenance dose of 500 mg/day.	Discontinue.

Conversion from Adjunctive Therapy with Antiepileptic Drugs other than Carbamazepine, Phenytoin, Phenobarbital, Primidone, or Valproate to Monotherapy with SUBVENITE

No specific dosing guidelines can be provided for conversion to monotherapy with SUBVENITE with AEDs other than carbamazepine, phenytoin, phenobarbital, primidone, or valproate.

2.4 Bipolar Disorder

The goal of maintenance treatment with SUBVENTE is to delay the time to occurrence of mood epitodes (depresson, mank, hypomania, mixed epitodes) to patients treated for scatte mood epitodes with standard thrempy fice inflications and Usage (1.2)]. Patients taking ismotrigine for more than 16 weeks should be periodically reassessed to determine the need for maintenance treatment.

Pidents Nava — seed for maintenance treasures.

Adults.

The target dose of SURINITIE to 20 mg/sty 100 mg/sty in patients taking valgroate, within decreases the appeared cherance of memoripsis, and old off mg/sty in patients not lading valgroate and taking within continues upon prompting phenoleutrial, primitions, increases the appeared cherance of lampingsis, in the clinical treasures the appeared cherance of lampingsis, in the clinical treasures the appeared cherance of lampingsis, in the clinical treasures that the continues the appearance of lampingsis of lampingsis

above 200 miglaty are not recommended.

Treatment with SUBSWITE is introduced, based on concurrent medications, according to the regimen outlined in Table 1.6 rother psychotropic medications are withdrawn following stable.izenic, here does of \$500MSWITE should be edipated to preferred period produced to the preferred produced to the produced produced to the produced produced to the patient specific produced produced to the patient specific produced produced

If other drugs are subsequently introduced, the dose of SUBVENITE may need to be adjusted. In particular, the introduction of valproate requires reduction in the dose of SUBVENITE [see Drug Interactions (7), Clinical Pharmacology (12.3)]. To avoid an increased risk of rash, the recommended initial dose and subsequent dose escalations of SUBVENITE should not be exceeded [see Boxed Warning].

Table 4. Escalation Regimen for SUBVENITE in Adults with Bipolar Disor

	In Patients TAKING Valproate	In Patients NOT TAKING Carbamazepine, Phenytoin, Phenobarbital, Primidone	In Patients TAKING Carbamazepine, Phenytoin, Phenobarbital, or Primidone
	.	b, or Valproate a	and NOT TAKING Valproate a
Weeks 1 and 2	25 mg every other day	25 mg daily	50 mg daily
Weeks 3 and 4	25 mg daily		100 mg daily, in divided doses
			200 mg daily, in divided doses
	100 mg daily		300 mg daily, in divided doses
Week 7	100 mg daily	200 mg daily	up to 400 mg daily, in divided doses

*Valuration has been shown to highly discurrentiation and decrease the apparent of the property of the propert

Table 5. Dosage Adjustments to lamotrigine in Adults with Bipolar Disorder Following Discontinuation of Psychotropic Medications

	Discontinuation of Psychotropic Drugs (excluding Valproate ^a ,Carbamazepine,Phenytoin, Phenobarbital, or Primidone ^b)		After Discontinuation of Carbamazepine, Phenytoin, Phenobarbital, or Primidone b
		Current Dose of Lamotrigine 100	
		mg/day	Current Dose of Lamotrigine 400 mg/day
Week 1	Maintain current dose of SUBVENITE	150 mg/day	400 mg/day
Week 2	Maintain current dose of SUBVENITE	200 mg/day	300 mg/day
Week 3 onward	Maintain current dose of SUBVENITE	200 mg/day	200 mg/day

"A vilgrade has been shown to hiskly glucuronistion and decrease the apparent characters of lamotrage (see International Conference (T), Cleral Pharmacology (12.3)), the specified ACIDs, reclude entroper containing products, recking on contraceptive, reference, and the proteose inhibitors sponsor internation and experience of the product products, recking on contraceptive, reference, and the proteose inhibitors sponsor internation and experience (Participant Conference). The production of the product of the pro

Shake well before each use. Discard any unused portion 90 days after first opening.

SUBVENITE oral suspension 10 mg/mL is supplied as a pink, cherry-flavored liquid.

5.1 Serious Skin Rashes [see Boxed Warning]

5.1 Servicus Shin Rachtes [see Blood Warning]
Predictic Explaints
The incidence of servicus reals associated who hospitalization and discontinuation of
him richiner of servicus reals associated with hospitalization and discontinuation of
suprocratedly 2.0 % to 12.0 % of the real-related death was reported in a prospectively
support of the real real related in the real real real real real real real related in the real real real real real real real related in presentability
(e.g., rah, angeodema, acute utricine, nettersize pursuits, mucosal utcardion) to the
drug or its hypitedina (see Bootsel Warning) warnings and Presention (5.1.5.3)), as one

adjunctive therapy. Additionally, there have been rare cases of toxic epidermal necrolysis with and without permanent sequelae and/or death in U.S. and foreign postmarketing experience.

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 used valproate concomitantly for epilepsy, 1.2% (6 of 482) experienced a serious rash compared with 0.6% (6 of 952) patients not taking valproate.

Adult Population

And Parallel Parallel

history of allergy or real to other AEDs.

2.2 Hemophagorytik Lymphohistorytosis (Hill) has occurred in polistric and adult potents taking lemoritypin to each en greatern in SUNDWITTE, for various indications. (Hill is a state glemoritypin to each en greatern in SUNDWITTE, for various indications. (Hill is a state glemoritypin to each enter greatern state.) (Hill is a sacciated with high mortally reals in for recognized early and research Common indicates active deep removales. In case of Intelligence and year of teach common indicates active for promisely, by summ fortility, include for promisely, by summ fortility, and the special state of the s

symptomic cannot be established.

3.5 Multiplanay Phipresensishty Reactions and Organ Fallar.

Drug Reaction with Education and System (RMSSS), also Income as manalized and income that the state of the translation of the state of the state of the state sales are stated in classification. Including involving the second can be falled of if the treatments, practically including involving the second can be falled of if the treatments, practically involving the contractive of the second can be falled of its state of the stat

extablished.

3.4 Cardiac Bhythm and Conduction Alnormalities
In vitro testing showed that landragine exhibit Cases 18 exister thythmic activity as the requestion of the concentrations (see Circliai Pharmacology 12.7). Based on these is two findings, SUBVENTE could also wentricute conduction (widen 10%3) and these in two findings, SUBVENTE could also wentricute conduction (widen 10%3) and the proported structural or functions have disease (i.e., patients with heart failure, welders heart of disease, congridatal heart disease, conduction system disease, verification schemic heart disease, or mulgigle risk factors for coronary settly disease. (Benedich heart rates could also nerease the risk of verification for coronary settly disease.) (Benedich heart rates could also nerease the risk of verification for coronary settly disease.) (Benedich heart rates could also nerease the risk of verification for coronary settly disease.) (Benedich heart rates could also nerease the risk of verification for coronary settly disease.) (Benedich heart risks that the carbidly reproduction heart disease made to carbidly reproduction and the carbidly reproduction of the carbidle reproduction heart disease made to carbidly reproduction of other carbidle restated better from the rither revenue the risk of prior reproduction.

against the risks for serious arrhythmiae and/or death for thet patient. Concomitant use of other sided microal blockers may interest enriche the risk of power/prima.

5.5 Blood Dyccrasis.

Then have been reported fibord dyscrasis that may or may not be associated with more of the risk of the

Indication	Placebo Patientswith Events per 1,000 Patients	Drug Patients with Events per 1,000 Patients	Relative Risk: Incidence of Events in Drug Patients/Incidence in Placebo Patients	Risk Difference: Additional Drug Patients with Events per 1,000 Patients
Epilepsy	1.0	3.4	3.5	2.4
Psychiatric	5.7	8.5	1.5	2.9
Other	1.0	1.8	1.9	0.9
Total	2.4	4.3	1.8	1.9

The relative risk for suicidal thoughts or behavior was higher in clinical trials for epilepsy than in clinical trials for psychiatric or other conditions, but the absolute risk differences were similar for the epilepsy and psychiatric indications.

Anyone considering processing the province in account of the processing of the processing the processing support of the processing support support of the processing support s

wast song treated.

Patients, there caregives, and families should be informed that AEDs increase the risk of suicidal thoughts and behavior and should be advised of the need to be alert for the energence or winnering of the signs and symptoms of depression, any unusual consequence of the signs and symptoms of depression, any unusual control of the signs of the signs

5.7 Aseptic Meningitis.
Therapy with SUBVENITE increases the risk of developing aseptic meningitis. Because of the potential for serious outcomes of unfreated meningitis due to other causes, patients should also be evaluated for other causes of meningitis and treeted as appropriate. should also be evaluated for other causes of menings and treated as appropriate particular and protection and as a construction of the section reported protection and as a construction of the section o

automismo disease. Cerebrospin fally (CSF) analyzed at the time of chical presentation in reported cases was characterized by a milt to noderate pleocytass, normal gluciose levels, and mild to protein the control of the control of

Precadings (5.3)].

S. Potential Medication Errors

Medication errors involving innortigine have occurred, in particular, the name insurtigance are becomined with the names of other commonly used medications. Medication errors may also occur between the different formulations of a mortigane. To see a part of a superior of the common of

5.9 Concomitant Use with Oral Contraceptives

5.3 Concomitant Use with Oral Contraceptives.
Some estrogen containing oral contraceptives have been shown to decrease serum concentrations of lamoritypies [see Cinical Pharmacology (12.3)]. Dosage adjustments will be necessary in most platents who start or stope entrogen-contraceptives while lasting lamoritypies [see Dosage and Administration (2.1)]. During platents instructives level to a start of the contractive of

Someting value. A similar price plan inductions, plan similary.

As with most AEDs, SURVENTE should generally be withdrawin gradually because of the risk of increased settler frequency and status epilepticus. In clinical trade in adults with beload scioner, 2 patients experienced secures shortly after should within the plan of the should be sho

ne crosserer.

3.11 Satus Epilepticus

Valé estimate of the incidence of treatment-emergent status epilepticus among
patients treated with himorityne are difficult to obtain because reporters participating in
clinical trials did not all employ intentical rules for identifying cases. At a minimum, 7 of
2.143 adult patients had epilodes that could unequivosely be described as status
epilepticus. In addition, a number of reports of variably defined episodes of secure
excercabilence, system cubicus, secure in threshy when made.

5.12 Addition of lamotrigine to a Multidrug Regimen that Includes Valproat Because valproate reduces the clearance of SUBVENITE, the dosage of SUBVENITE in the presence of valproate is less than half of that required in its absence [see Dosage and Administration (2.2, 2.3, 2.4), Drug Interactions (7)].

5.13 Binding in the Eye and Other Melanin-Containing Tissues

Because lamotrigine brids to melanin, it could accumulate in melanin-rich tissues over time. This rakes the possibility that lamotrigine may cause toxicity in these tissues after centerded use. Althorigin ophishambogic latesting was performed no no controlled critical trial. The lesting was nodequate to exclude subtle effects or right yoccurring after fong-common properties of the control of the control

Accordingly, although there are no specific recommendations for periodic ophthalmological monitoring, prescribers should be aware of the possibility of long-term ophthalmologic effects.

optimamorby, enex.».

5.14 Laboratory Tests

5.6xe-Postine Fung Test Besuits

Lamotrips has been reported to interfere with the assay used in some rapid urine drug
screens, which can result in false-postible readings, particularly for phencyclisine (PCP).

A more specific analytical method should be used to confirm a positive result.

- 6 ADVENSE REACTIONS

 The following serbus adverse reactions are described in more detail elsewhere in the bleshing.

 4 Serbus Sain Rashing face Boxell Warning and Invarings and Precautions (* 5.1)

 5 Serbus Sain Rashing face Boxell Warning and Invarings and Precautions (* 5.1)

 5 Drug Reaction with Ecologishia and Systemic Symptoms (DESSS)Multargam Hypersemblers [16 See Warnings and Precautions (* 5.1)

 5 House Boxell Reactions (* 5.1)

 5 Section Behavior and Industrial Inself Warnings and Precautions (* 5.4)

 5 Section Behavior and Industrial Inself Warnings and Precautions (* 5.4)

 5 Setting Expertises (See Warnings and Precautions (* 5.4)

 5 Status Expertises (See Warnings and Precautions (* 5.4)

 5 Status Expertises (See Warnings and Precautions (* 5.4)

 5 Status Expertises (See Warnings and Precautions (* 5.1)

 5 Status Expertises (See Warnings and Precautions (* 5.1)

6.1 Clinical Trial Experience
The safety of SUMVENITE has been established from adequate and well controlled studies that were conducted with other lamortrigine products in patients 2 years and other with pilepsy and in adults with bipotic disorder [see Clinical Studies (14.1, 14.2)]. Bellow is a dolpsy in the adverse reactions of interrigine in these adequate and well-controlled studies. Adverse reactions with SUMVENITE are expected to be smaller to adverse reactions with their immediate-reaches instrutings produces be instructions.

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

receives cheal in the vice consideration and evident young per unblocks, where making retries observed in the inclinal tries of any carrot be directly compared with rates in the clinical tries of any carrot be given to present the critical tries of any carrot be given to the clinical tries of any carrot be given to the clinical tries of any carrot be given to the clinical tries of the clinical tries of the clinical tries of the clinical tries. All critical tries of the clinical tries with the clinical tries of the clinical

Approximately 1.1% of the 1.081 gradient pointers aged 2 to 16 years who received simplifying as adjunctive therapy in premarketing clinical trisk discontinued treatment because of an adverse reaction. The adverse exections must commonly associated with discontinuation were rash (4.4%), reaction aggravated (1.7%), and datase (0.6%).

	Adverse Reactions in Pooled, Placebo-Controlled Adjunctive Tr	
	Percent of Patients Receiving Adjunctive lamotrigine(n = 711)	Percent of Patients Receiving Adjunctive Placebo (n = 419)
Body as a whole		
Headache	29	19
Flu syndrome	7	6
Fever	6	4
Abdominal pain	5	4
Neck pain	2	1
Reaction aggravated	2	1
(seizure exacerbation)		
Digestive		
Nausea	19	10
Vomiting	9	4
Diarrhea	6	4
Dyspepsia	5	2
Constipation	Ā	3
Anorexia	2	i
Musculoskeletal	*	
Arthralgia	2	0
Nervous	•	· ·
Nervous Dizziness	38	13
Ataxia	38 22	6
Somnolence	14	9
Incoordination	6	<u>'</u>
	6	2
Insomnia	6	2
Tremor	4	1
Depression	4	3
Anxiety	4	3
Convulsion	3	1
Irritability	3	2
Speech disorder	3	0
Concentration disturbance	2	1
Respiratory		
Rhinitis	14	9
Pharyngitis	10	9
Cough increased	8	6
Skin and appendages		
Rash	10	5
Pruritus	3	2
Special senses	·	·
Diplopia	28	7
Blurred vision	16	5
Vision abnormality	3	1
Urogenital	3	*
Female patients only	(n = 365)	(n = 207)
Pemale patients only Dysmenorrhea	(n = 365) 7	(11 = 207)
		0
Vaginitis	4 2	±
Amenorrhea	2	1

politication threat occurred in at least 2% of patients treated with lamotrigine and at a greater incidence than placebo.

Patients in these adjunctive traits were receiving 1 to 3 of the concomitant AEDs catasmazepine, phenyion, phenobarbita, or primidone in addition to lar reported multiple adverse reactions during the trait or additionation for the concomitant and the proported multiple in exited in one or than 1 catagony.

In a randomized, parallel trial comparing placebo with 300 and 500 mg/day of lamotrigine, some of the more common drug-related adverse reactions were dose related (see Table 8).

Table 8. Dose-Related Adverse Reactions from a Randomized, Placebo-

Conti	Controlled Adjunctive Trial III Addits with Epilepsy			
	Percent of Patie	Percent of Patients Experiencing Adverse Reactions		
Adverse Reaction	Placebo (n = 73)	Lamotrigine 300 mg (n = 71)	Lamotrigine 500 mg (n = 72)	
Ataxia	10	10	28 a,b	
Blurred vision	10	11	25 a,b	
Diplopia	8	24 a	49 a,b	
Dizziness	27	31	54 a,b	
Nausea	11	18	25 a	
Vomiting	4	11	18 a	

Significantly greater than placebo group (P<0.05).
 Significantly greater than group receiving lamobrigine 300 mg (P<0.05).

The overall adverse reaction profile for immotragine was similar between femilies and own was only five of patients exposed to immotragine was similar between femilies and was only five of patients exposed to immotragine in placetox-controlled trials. Here are nutrificent data to support a statement reprospit the distribution of adverse reaction placeto were more likely to report adverse reactions then makes. The only adverse placeto were more likely to report adverse reactions then makes. The only adverse reaction for which respons to valencing were > 1.0% more frequent in femiliar load (difference = 16.0%). There was title difference between females and makes in the rates of decontribution of homotragine for disklad devices reactions.

Or discontinuous or annual pare for invalvable acresses esc. Corns.

Controlled Monotherapy Trial in Adults with Partial Onset Seizures: Table 9 lists adverse reactions that occurred in patients with epilepsy treated with monotherapy with lamorting in a double-blind trial following discontinuation of either concomitant carbamazepine or phenytoin not seen at an equivalent frequency in the control group.

Body System/Adverse Reaction	Percent of Patients Receiving Lamotrigineas Monotherapy (n = 43)	Percent of Patients Receiving Low-Dose Valproate dMonotherapy (n = 44)
Body as a whole		
Pain	5	0
Infection	5	2
Chest pain	5	2
Digestive		
Vomiting	9	0
Dyspepsia	7	2
Nausea	7	2
Metabolic and nutritional		
Weight decrease	5	2
Nervous		
Coordination abnormality	7	0
Dizziness	7	0
Anxiety	5	0
Insomnia	5	2
Respiratory		
Rhinitis	7	2
Urogenital (female patients only)	(n = 21)	(n = 28)
Durmanorrhaa	6	Δ.

(n = 20)

*Advance reactions that occurred in a lease the of plantes transled with hamotrippie and at a greater recibility of a composition produce revision produces and as a greater recibined produces revision produces and as a greater recibined produces revision produces and as a greater recibined produces and as a greater recibined and as a greater recibined and as a greater recipied in continuous produces. Patients may be recibiled in more than 1 category or phenotrate. Patients may be recibiled in more than 1 category 1.00 mg/s/s.

10 to 500 mg/s/s.

Special Senses: Vision abnormality.

Incidence in Controlled Adjunctive Trials in Pediatric Patients with Epilepoy: Table
10 lists adverse reactions that occurred in 389 pediatric patients with partial-onset
secture or or generalized secture of Lemonox Gastaut syndrome who received lamotrigine
up to 15 mg/kg/day or a maximum of 750 mg/day.

	actions in Pooled, Placebo-Controlled Adjunctive 11	
Body System/Adverse Reaction	Percent of Patients Receiving SUBVENITE(n = 168)	Percent of Patients Receiving Placebo (n = 171)
Infection	20	17
Fever	15	14
Accidental injury	14	12
Abdominal pain	10	5
Asthenia	8	4
Flu syndrome	7	6
Pain	5	4
Facial edema	2	1
Photosensitivity	2	0
Cardiovascular		
Hemorrhage	2	1
Digestive		
Vomiting	20	16
Diarrhea	11	9
Nausea	10	2
Constipation	4	2
Dyspepsia	2	1
Hemic and lymphatic		
Lymphadenopathy	2	1
Metabolic and nutritional		
Edema	2	0
Nervous system		
Somnolence	17	15
Dizziness	14	4
Ataxia	11	3
Tremor	10	1
Emotional lability	4	2
Gait abnormality	4	2
Thinking abnormality	3	2
Convulsions	2	ī
Nervousness	2	i
Vertigo	2	1
Respiratory		
Pharyngitis	14	11
Bronchitis	7	5
Increased cough	7	6
Sinusitis	2	1
Bronchospasm	2	1
Skin		
Rash	14	12
Eczema	2	1
Pruritus	2	1
Special senses		
Diplopia	5	1
Blurred vision	4	1
Visual abnormality	2	0
Visual abnormality Urogenital Male and female patients		
Male and female patients		
Urinary tract infection	3	0
Adverse reactions that occurred in at le	east 2% of patients treated with lamotrigine and at a greater incide	nce than placeho

Bipolar Disorder in Adults

Blook Disorder Adults

The most common advance reactions seen in association with the use of tenorityine as monotherapy (100 to 400 mightly) in adult patients (appel 18 to 82 years) with bipoles disorder in the 2 double bring placeto-controlled train of 18 monotherapy (100 to 400 mightly) in adult patients (appel 18 to 82 years) with bipoles disorder in the 2 double bring placetos review (authors a decreased training and the controlled training and training a

Table 11. Adverse Reactions in 2 Placebo-Controlled Trials in Adult Patients with Bipolar I Disorder ","			
Body System/Adverse Reactio	nPercent of Patients Receiving lamotrigine (n = 227)	Percent of Patients Receiving Placebo (n = 190)	
General			
Back pain	8	6	
Fatigue	8	5	
Abdominal pain	6	3	
Digestive			
Nausea	14	11	
Constipation	5	2	
Vomiting	5	2	
Nervous System			
Insomnia	10	6	
Somnolence	9	7	
Xerostomia (dry mouth)	6	4	
Respiratory			
Rhinitis	7	4	
Exacerbation of cough	5	3	
Pharyngitis	5	4	
Skin			
Rash (nonserious) ^c	7	5	

Basin (monamous) 7

Addenser reactions that occurred in at least 5% of patients treated with ismotripine and at a greater incidence than placeds.

Addenser reactions that occurred in a least 5% of patients treated with ismotripine and at a greater incidence than placeds.

Placedam is not been stated where converted to lamindrighe (10.0 to 4.00 mg/day) or placedow for the control of the control

General Fever, reck-pils.

Cardiovascular Migraine.

Digenisher Palaceur

Metabolis and Nacid Stank Weight gain, edems.

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shortly after during withdrawal of lemotrages (see Warnings and Precautions (5.10)). Manualtypomanishing disposed: During the double-bling places controlled clinical Manualtypomanishing of the controlled clinical with lamortrage (100 to 400 mg/dsy) from other polytotropic medications and food with lamortrage (100 to 400 mg/dsy) from other propositoropic medications and food for up to 181 months; the case of manual proposition of the proposition of the controlled for up to 181 months; the case of manual proposition of the controlled 4% for patients treated with Ithum (n = 160, and 7% for patients treated with proposition (n = 100), in all flags) controlled trains controlled upon controlled places (months), after the control of manual processing in = 100, in all flags controlled trains controlled upon controlled places (months), and with innotitypier (n = 950,) % of patients treated with Ithum (n = 280), and 4% of patients treated with process (in a 100 mg/ds).

n.4 unner Adverse Reactions Observed in Al Clinical Trials. Lamorityphe has been administrated to 46 pld individuals for whom complete adverse reaction date was ceptured juring all chical trials, only joined of which were piecebon trials and produced trials. The produced in the produced p

Adverse reactions are further classified within body system categories and enumerated in order of decreasing frequency using the following definitions: frequent adverse reactions are defined as those occurring in at least 1,100 patents; infrequent adverse reactions are those occurring in 1/100 to 1/1,000 patents; rare adverse reactions are those occurring in fired than 1/1,000 patents.

Body as a Whole
Infrequent: Allergic reaction, chills, malaise.
Cardiovascular System

Infrequent: Flushing, hot flashes, hypertension, palpitations, postural hypotension, syncope, tachycardia, vasodilation.

Dermatiological
Infrequent: Acne, abpecia, hirsutism, maculopapuler rash, skin discoloration, urticaria.
Rare: Angloedema, erythema, exfoliative dermatisis, fungal dermatitis, herpes zoster, leukoderma, multiforme erythema, petechial rash, pustular rash, Stevens-johnson syndrome, vesicubuloulous rash.

Infrequent: Dysphagia, eructation, gastritis, gingivitis, increased appetite, increased salivation, liver function tests abnormal, mouth ulceration.

Rare: Gastrointestinal hemorrhage, glossitis, gum hemorrhage, gum hyperplasia, hematemesis, hemorrhagic colits, hepatitis, melena, stomach ulcer, stomatitis, tongue elemente de la colora del colora de la colora del la colora d

edernia.

Rame Golet, hypothyroddim.

Hamelabegia and Jernathia System.

Infrequent Ecchymrosis, leukopenia.

Rame Amerika, eskopolija, Elizir derensea, filerinogen decrease, ron deficiency anemia, leukocytosis, hymphocytosis, mozercytic anemia, pieterisa, thrombocytopenia.

Belabodia, and Michino Disacidars.

Infrequent: Asportate transambase increased.

Rare: Alcohol intolerance, alkaline phosphatase increase, alanine transaminase increase, bilirubinemia, general edema, gamma glutamyl transpeptidase increase, hyperglycemia.

Infrequent: Arthritis, leg cramps, myasthenia, twitching.

Rare: Bursitis, muscle atrophy, pathological fracture, tendinous contracture.

Nervous System
Frequent: Confusion, paresthesia

Frequent. Comission, par contess.

Infrequent: Askibisis, apathy, aphasis, central nervous system depression, depersonalization, dysarthris, dysiknesia, euphoris, halbicinations, hostilly, hyperkin, libid decreased, memory decrease, mid racing, movement disorder, myochous, panic attack, paranoid reaction, personally disorder, psychosis, sleep disorder, stupen; suicidal detablor.

Infrequent: Abnormality of accommodation, conjunctivitis, dry eyes, ear pain, photophobia, taste perversion, tinnitus.

Rare: Deafness, lacrimation disorder, oscillopsia, parosmia, ptosis, strabismus, taste loss, uveitis, visual field defect.

Inferential System
Infrequent: Abnormal ejaculation, hematuris, impotence, menorrhagia, polyuria, urinary incontinence.

Rare: Acute kidney failure, anorgasmia, breast abscess, breast neoplasm, creatinine increase, cystitis, dysuria, epididymitis, female lactation, kidney failure, kidney pain, nocturia, urihary retention, urinary urgency.

6.3 Postmarketing Experience
The following adverse reactions have been identified during postapproval use of binotripies. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to dring exposure.

Agranulocytosis, hemolytic anemia, lymphadenopathy not associated with hypersensitivity disorder, pseudolymphoma.

bulinemia, Lupus-like reaction, vasculitis.

Lower Respiratory

Nerous Sextem

Agression, exacerbation of Parkinsonian symptoms in patients with pre-existing Parkinson's desease, its.

Nona 1st Specific Progression in Manual Sextem Progression in Manual Manu

TO ROUG INTERACTIONS

Significant drug interactions with SUBVENITE are summarized in this section.

Utrish 5° debtospho-plucuropy transferace (UGT) have been identified as the Utrish 5° debtospho-plucuropy transferace (UGT) have been identified as the Utrish 5° debtospho-plucuropy transferace (UGT) have been identified as the Utrish but the Utrish of the Utrish of Utrish the Utrish of the Utrish of Utri

Concomitant Drug	Effect on Concentration of lamotrigine or Concomitant Drug	Clinical Comment
Estrogen-		Decreased lamotrigine concentrations approximately 50%.
containing oral contraceptive preparations containing 30 mcg ethinylestradiol and 150 mcg levonorgestrel	1 levonorgestrel	Decrease in levonorgestrel component by 19%.
Carbamazepine and carbamazepine epoxide	↓ lamotrigine	Addition of carbamazepine decreases lamotrigine concentration approximately 40%.
	? carbamazepine epoxide	May increase carbamazepine epoxide levels.
Lopinavir/ritonavir	1 lamotrigine	Decreased lamotrigine concentration approximately 50%.
Atazanavir/ritonavir	↓ lamotrigine	Decreased lamotrigine AUC approximately 32%.
Phenobarbital/primidone	↓ lamotrigine	Decreased lamotrigine concentration approximately 40%.
Phenytoin	↓ lamotrigine	Decreased lamotrigine concentration approximately 40%.
Rifampin	↓ lamotrigine	Decreased lamotrigine AUC approximately 40%.
Valproate	† lamotrigine ? valproate	Increased lamotrigine concentrations slightly more than 2-fold. There are conflicting study results regarding effect of lamotrigine on valproate concentrations: 1) a mean 25% decrease in valproate concentrations in healthy volunteers, 2) no change in valproate concentrations in controlled clinical trials in patients with epilepsy

Effect of SUBVENITE on Organic Cationic Transporter 2 Substrates

RING, OT SUMPARILE ON OTRAINS CARRIES AND THE ASSOCIATION OF THE ASSOC

8 USE IN SPECIFIC POPULATIONS

8 USE the Precention

Replace Economic Registry

Pregnancy Economic Registry

There is a pregnancy economic registry that monters pregnancy outcomes in some mentions and appropriate processing and appropriate continues and appropriate pregnancy in economic management of the pregnancy registry or great pregnan

Bit Summary

Data from several prospective pregnancy op oposure registries and epidemiological studies of pregnant women have not detected an increased frequency of major studies of pregnant women have not detected an increased frequency of major exposed to be indirectly and the pregnant women have not detected an increased frequency of major exposed to be indirectly on the pregnancy of the present and produced to the present and pregnancy resulted in developmental backety and pregnancy resulted in developmental backety and pregnancy resulted in developmental backety and present and present and present and present and present and present an indirect developmental backety. Lamortippie decreased feel folder concentrations in risks, and effect insome to be associated with aboves pregnancy outcomes in animals and humans (see Data). The estimated background risk of major brith defects and miscarrage for the indicated population is unknown in the U.S. general population, the estimated background risk of the present and interest and miscarrage for the indicated population is unknown in the U.S. general population is unknown.

15 fix to 20%, respectively.

[Tipical Consideration for the AEDs, physiological changes during preparancy may affect binotingine concentrations andies the respective effect. There have been reports of decreased concentrations after delivery. Does adjustments may be necessary to maintain clinical response.

Data

**Manusco Paris of the order of the property of the

ower automotion for a facility of exposite an abuliation boar feet for designed on a central variety of the control of the con

In a study in which preparent rate were deministered amorphing (oral doses of 0, 5, or 25 mg/kg) during the period of organopenesis and offspring were evaluated postnately) amorphism of the period of organopenesis and offspring were evaluated postnately) amorphism of the period of organopenesis and offspring were evaluated postnately amorphism of the period of period period of the period of Itested. When prognet rats were administered lamotrigine (oral doses of 0, 5, 10, or 20 mg/kg) during the latter part of gestation and throughout betaches, hereased offspring mortally (richidally platform) was one will dose. The beset fact dose for pre-sed and some prognets of the pre-sed and prognets of the prognet rate of the prognet rate, benefit of the prognet rate, benefit or sed one prognet rate, benefits delet concentrations at doses greater than or equal to 5 mg/kg/day, which is less than the human dose of 400 mg/day or anging beas.

460 mg/stg vn a mg/m² bass.

2.2 Lactation

Ba.S. Lacrotrain is present in mit form bedding women taking lemotrigine (a see data).

Lamotrain is present in mit form bedding women taking lemotrigine (a see data).

Lamotrain is present in mit form is bedding women taking lemotrain in the data of the contract of the data of the level in the contract of the data of the level in the lemotrain in the level in the level in the lemotrain in the level in the lemotrain in the level in the lemotrain in the lemotrain in the level in the lemotrain in

Clinical Considerations

Human milk-fed infants should be closely monitored for adverse events resulting from lamotrigine. Measurement of infant serum levels should be performed to rule out toxicity if concerns arise. Human milk-feeding should be discontinued in infants with lamotrigine toxicity.

Ismotripine toxicity.

<u>Data</u>

Data from multiple small studies indicate that ismotripine plasma levels in nursing infants have been reported to be as high as 50% of maternal plasma concentrations.

8.4 Pediatric Use

SUBVENITE is indicated as adjunctive therapy in patients aged 2 years and older for partial onset sezures, the generalized sezures of Lennox-Gastaut syndrome, and PGTC sezures.

SUBVENTE: a nicked as adjunctive therapy in patients aged 2 years and older for sections.

Solid or the process of the process of the control of the control

8.5 Geriatric Use

8.5 Gerhärt. Use Clinical trials of momortipine for epilepsy and bipoler disorder did not include sufficient numbers of patients aged 65 years and older to determine whether they respond differently from younger patients or exhibit a different skept operfold than that of younger patients. In general, dose selection for an delarly patient should be cautious, usually starting at the be used off the docking range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function and of concomitant doeses or other drug therapy.

8.6 Hepatic Impairment

8.6 Hepatic Impairment
Experience in patients with hepatic impairment is limited. Based on a clinical
pharmacology study in 34 subjects with mid, moderate, and severe liver impairment
made. No dossage adjustment is needed in patient with mid lever impairment, intell,
excalation, and maritemance doses should generally be reduced by approximately 37% in
patient with mid lever impairment, intell,
excalation, and maritemance doses should generally be reduced by approximately 37% in
patient with moderate and severe lever impairment without scales and 30% in
may be adjusted according to clinical response [see Dosage and Administration (2.1)].

8.7 Renal Impairment

Lamortripine is metabolized mainly by glucuronic acid conjugation, with the majority of the metabolise being recovered in the urine. In a small study comparing a single dose of lamortripine in subjects with varying degrees of real impairment with healthy volunteers, the plasma half-life of lamortripine was sportcomately twice as long in the subjects with chronic renaft lamine [see Clinical Plannacology (12-3)].

This issue water gize. Clinical Pharmacology (12:73).
Intial lideose of SURVENTE should be based on patients: AED regimens, reduced maintenance doses may be effective for patients with significant renal impariment. Few patients with significant renal impariment have been evaluated untime shronic retainers. Few patients with significant renal impariment. Few patients with severe renal impariment have been evaluated untime shronic renal impariment. Few patients of the strength of the strengt

10.1 Human Overdose Experience

avv. reunant Viveroose Experience

Overdosses involving quantities up to 15 g have been reported for lamotrigine, some of which have been fetal. Overdose has resulted in staxia, nystagmus, seizures (including tonic-chini seizures), decreased level of consciousness, coma, and intraventricular conduction delay.

10.2 Management of Overdose

10.2 Management of Overdoos

There are no specific entitledes for bimotragine. Following a suspected overdose,
there are no specific entitledes for bimotragine. Following a suspected overdose,
there are no specific entitled to the specific entities the specific entitled to the specific entities entitled to the specific entitled entitled to the specific entitled entities entitled e

SUBSURTE (temprignet) and suspension, or AED of the phenyheise rises, is chemically unrelated to existing AED, unarrighters, tempted are set 3.5 denien of (2.3-dichhorophenyh-as-trizine, its molecular formula is $C_0H^3h(C_0)$, and its molecular eloquit is 25.60 g, lamoritypine, USF as white to pale reservoired prowed and has a $\rho(k_0+f)$ - Γ 1. Lamoritypine, USF as whete to pale reservoired prowed and has a $\rho(k_0+f)$ - Γ 1. Lamoritypine, USF is very slightly soluble in water (0.17 mg/mt, at 25°C). The activater formulas is $\rho(k_0+f)$ - Γ 1. Lamoritypine, USF is very slightly soluble in votation at $\rho(k_0+f)$ - Γ 25°C). The solution are solved in the solution of $\rho(k_0+f)$ - Γ 25°C. The solution are solved in the solution of $\rho(k_0+f)$ - Γ 25°C. The solution are solved in the solution of $\rho(k_0+f)$ - Γ 25°C. The solution are solved in the solution of $\rho(k_0+f)$ - Γ 35°C. The solution is $\rho(k_0+f)$ - Γ 45°C. The solution is $\rho(k_0+f)$ - Γ 45°C. The solution is $\rho(k_0+f)$ - Γ 50°C. The solution is

SUBVENITE oral ouspension contains 10 mg per mL lamotrigine, USP and the following inactive ingredients: carboxymethy/calusose sodium, cherry filsor, FDEC Red 40, FDEC (Videov 6,gylecran, methyparaben, polyethylene) glocy, largo/priene glycol, purified water, saccharn sodium, silicified microcrystaline cellulose, sodium berusate, sodium horses had beauties, sorbitor soldium, sucrabse and sarahhan gum.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

12.1 Mechanem of Action
The precise mechanism(s) by which lemotripine exerts its anticonvulsant action are unknown. In animal models designed to detect anticonvulsant activity, lemotripine was referred the prevention seature person for the meanimum dectrochock (MSS) and expression seature person for intensimum dectrochock (MSS) and expression seature person in the instantine activities of the control of the reduction of the reduction

the fully winded state. The relevance of these models to human spelepy, however, a not format proposal merchanism of action of interpolicity. The relevance of mich remains to the characteristic of the proposal proposa

The mechanisms by which lamotrigine exerts its therapeutic action in bipolar disorder have not been established.

12.2 Pharmacodynamics Folate Metabolism

Eates Metabolism
In view (averaging in his head of hydrodiselse reduction, the enzyme that catalyzes the reduction of altydrodiselse to testalydrodiselse. Inhibition of the enzyme that catalyzes the reduction of altydrodiselse to testalydrodiselse. Inhibition of the enzyme reduced with the belongisthese of nucleic acids and proteinse. When or all day does of lemotrages with the belongisthese of nucleic acids and proteins. When or all day does of lemotrage concentrations were reduced. Significantly reduced concentrations of foliate are associated with reduced or nucleinselse proteinselse services and an expect of proteinselse proteinselse services are described as a supplementation of the proteinselse services are also reducted in render that proteinselse proteinselse services are also reducted in render that proteinselse proteinselse services are also reducted to render when supplementated with officials and an extension of the proteinselse proteinselse services are also reducted to render when supplementated with a strength of the proteinselse are also reduced to render the supplementation of the proteinselse and the proteinselse are also reduced to render the supplementation of the proteinselse and the proteinselse are also reduced to render the supplementation of the proteinselse and the

conduction (see Warnings and Prescutions (5-4)). Effect of Jamostopies Redicable in only unorthogine is extensively metabolized to a 2-bit effect of Jamostopies Redicable in only unorthogine in the companion of to mit prescution of the control of

patients stains concomitant medications that inhibit glucuronisation.]

Lamoritapine accumulation in Bidding of the maker st, causary broads progressive respirates, according and mideralization. These findings are satisfacted to 9.2

see a second of the state of th

12.3 Pharmacokinetics

The pharmacokinetics of lamotrigine have been studied in subjects with epilepsy, heal young and elderly volunteers, and volunteers with chronic renal failure. A pharmacoki study in healthy adult subjects under fasting conditions at a single 100 mg does ded demonstrated similar bioavalability for lamotrigine oral suspension and oral tablet.

ABSOCIEDO

Lamotrigine is rapidly and completely absorbed after oral administration with negligible first-pass metabolism (absolute bioavailability is 98%). The bioavailability is not affected by food, but the time for reach maximum plasma concentrations is delayed by 3h in presence of food [[[see Dosage and Administration (2-5)].

Distribution

Estimates of the mean apparent volume of distribution (Vd/F) of lamotrigine following

oral administration ranged from 0.9 to 1.3 L/kg. Vd/F is independent of dose and is similar following single and multiple doses in both patients with epilepsy and in healthy volunteers.

Protein Binding

Protein Biodical
Data from in why to studies indicate that Ismotrigine is approximately 55% bound to fund from John from the John from the John from Internation from 1 to 10 mcg/mL [1 discount from Internation from 1 to 10 mcg/mL [1 discount from Internation from International Internation Internation Internation Internation Internation Internation International Internation Internation International Inter

Metabolism

Securities is metabolised predominantly by glucronic and conjugation the major metabolise is mixture 2A-figurationic conjugate. After and administration of 240 mg of ³⁴C-kmortrigine (15 µC) so fi healthy volunteers, 94% was recovered in the urine and 54% was recovered in the turne and 54% was recovered in the turne and calculative in the unine consisted of unchanged lamotrigine (10%), the 2-N-glucuronide (10%), a 2-N-methyl metabolite (0.14%), and other understifted infrom metabolites (45%). Enzyme Induction

The effects of lamotrigine on the induction of specific families of mixed-function oxidase isozymes have not been systematically evaluated.

scrymes have not been systematically evaluated.

Following mulpis deministrations (150 angle suck calaly) to normal volunteers taking no Following mulpis deministrations (150 angle suck calaly) to normal volunteers taking normal to use and a 17% increase in CLF at steady state compared with volune obtained in the same volunteers following scales floors: Evederine quite resident mother sources susgests that self-induction by investigate may not occur when benoting its given as applied to the self-induction by investigate may not occur when benoting its given as phenomen to the self-induction of the self-induced induction of the self-induction of the self-induced induction of the self-induction of the self-induced induction of the self-induction of the self-indu

Elimination
The mean elimination half-life of lamotrigine following multiple oral doses in adult patients with epilepsy is approximately 32 hours (range 8.5 hours to 4.9 hours), but the half-life and apparent oral clearance vary depending on encombant AEDs.

The apparent clearance of lamotrigine is affected by the coadministration of certain medications [see Warnings and Precautions (5.9, 5.13), Drug Interactions (7)].

The net effects of drug interactions with lamotrigine are summarized in Tables 13, followed by details of the drug interaction studies below.

Table 13. Summary of Drug Interactions with Lamotrigine

Drug	a .	Lamotrigine Plasma Concentration with Adjunctive Drugs b
Oral contraceptives (e.g., ethinyl	** d	-
estradio(/levonorgestrel) ^c		
Aripiprazole	Not assessed	**
Atazanavir/ritonavir	#f	1
Bupropion	Not assessed	*
Carbamazepine	**	↓
Carbamazepine epoxide 9	?	
Felbamate	Not assessed	+
Gabapentin	Not assessed	#
Lacosamide	Not assessed	+
Levetiracetam	*	#
Lithium	*	Not assessed
Lopinavir/ritonavir	** ⁶	1
Dianzapine	**	***
Oxcarbazepine	+	+
10-	*	
Monohydroxy oxcarbazepine metabolite		
Perampanel	Not assessed	*
Phenobarbital/primidone	**	4
Phenytoin	*	4
Pregabalin	+	
Rifampin	Not assessed	4
Risperidone	+	Not assessed
9-Hydroxyrisperidone i	*	
Topiramate	+-i	+
Valproate	1	†
Valoroate + phenytoin and/or	Not assessed	#
carbamazepine		
Zonisamide	Not assessed	#
From adjunctive clinical trials and volunteer		
The effect of other hormonal contraceptive	ne mean clearance values obtained in adjunctive clinical trials and volunter preparations or hormone replacement therapy on the pharmacokinetics een with the ethinylastradiol/levonorgestrel combinations.	of lamotrigine has not been systematically evaluated in clinical trials,
Modest decrease in levonorgestrel.		
Slight decrease, not expected to be clinical	ly meaningful.	
Compared with historical controls.		
Not administered, but an active metabolite		
Not administered, but an active metabolite of Not administered, but an active metabolite of	of oxcarbazepine.	
Slight increase, not expected to be clinically		
= No significant effect.		
= Conflicting data.		

Excluders including an examination of the proportion of the propor

the end of the active horizone cycle.

Gradual transient increase is interripting plasma levels opproximate 2-fold processed occurred during the week of nactive formone preparation (pil-free week) for women not also being a ringe plan terrisones for the secars of a frontinging coloramination and so being a ringe plan terrisones for the secars of a frontinging coloramination plant and so that the secars of the secars of

dependent abverse reactions. In the same study, coachmistration of lemotripine 1900 mg/dsy) is 1.6 femals volunteers did not affect the pharmacokinetics of the ethnylectratal component of the oral contraceptive preparation. There were mean decreases in the ALI and Cause of the lemotragenist component of 19% and 12%, respectively. Measurement of service the lemotragenist component of 19% and 12%, respectively. Measurement of service the lemotragenist component of 19% and 12%, respectively. Measurement of service the lemotragenist component of 19% and 12% respectively. Measurement of service the lemotragenist component of 19% and 12% respectively. Measurement of service the lemotragenist component of 19% and 19% of 19% of

Dosage adjustments may be necessary for women receiving estrogen-containing products, including oral contraceptive preparations [see Dosage and Administration (2.1)].

Other Hormonal Contraceptives or Hormone Replacement Therapy

The effect of other hormonic contractions between the most of the contractions are contracted by the contraction of the contrac

Aripiprazole

Acceptance
In 18 patients with bipolar disorder on a stable regimen of 100 to 400 mg/stay of benotifyin, the lamotinger ALIC and C_{mall} were reduced by approximately 10% of benotifyin, the lamotinger ALIC and C_{mall} were reduced by approximately 10% of lady for an additional 19mg, him reduction in lamotinger and provided the provided of the control of the contro

<u>Bupropion</u>

The pharmacokinetics of a 100-mg single dose of lamotrigine in healthy volunteers (n = 12) were not changed by coadministration of bupropion sustained-release formulation (150 mg twice daily) starting 11 days before lamotrigine.

(130 m) twice daily starting 11 asy, econe amoragnia.

Carbamazeraine

Lamotrapin has no approciable effect on steady-state carbamazepine plasma

concentration. Limited clinical data suggest there is a higher incidence of dizzness,
deplajes, statis, and blarred vision in patients receiving cultivariate processing statistics and starting vision in patients receiving cultivariate with branching of the interestion is unders. The effect of immortagine op plasma

concentrations of carbamazepine-epoxide is unclear. In a small subset of plasmas concentrations of carbamazepine-epoxide in unclear. In a small subset of plasmas (in a contentration of carbamazepine-epoxide in the contentration of carbamazepine-epoxide in the contentration of carbamazepine epoxide levels increased mail, uncontrolled study on = 5).

The addition of carbamazepine decreases lamotrigine steady-state corapproximately 40%.

In a trial in 21 healthy volunteers, coadministration of felbamate (1,200 mg twice daily) with lamotrigine (100 mg twice daily for 10 days) appeared to have no clinically relevant effects on the pharmacokinetics of lamotrigine. Lamotrigine is a weak inhibitor of dihydrofolate reductase. Prescribers should be aware of this action when prescribing other medications that inhibit folate metabolism.

Based on a retrospective analysis of plasma levels in 34 subjects who received lamotrigine both with and without gabapentin, gabapentin does not appear to change the apparent clearance of lamotrigine.

Plasma concentration of lamotrigine were not affected by concomitant lacosamide (200,400, or 600 mg/day) in placebo-controlled clinical trials in patients with partial-onset seizures.

Setures. Least acctant
Potential dray interactions between levertracetam and lemotrigine were assessed by vendualing serum concentrations of both agents during placeboc controlled clinical translations. These data indicate that lemotrigine does not influence the pharmacolinical or of the property of the pharmacolinical or of the

LopinaviriRtonavir

The addition of bipinavir (400 mg twice daily/irtonavir (100 mg twice daily) decreased the AUC, C_{max}, and elimination half-life of lamotrighe by approximately 50% to 55.4% in 18 healthy subjects. The pharmacokinetics of lopinaviritonavir were similar with concendrate theorityine, compared with that in historical controls.

scalible(BILE). The AUC and Cmax of olarizapine were similar following the addition of olarizapine (15 mg once dally) to bimotrigine (200 mg once dally) in healthy male volunteers (n=16) compared with the AUC and $C_{\rm max}$ in healthy male volunteers receiving olarizapine alone (n=16).

(n = 16). In the same trial, the AUC and C_{max} of lamotrigine were reduced on average by 24% and 20%, respectively, following the addition of obstragine to lamotrigine in healthy male volunteers compared with those receiving lamotrigine alone. This reduction in lamotrigine plasma concentrations is not expected to be clinically meaningful.

The AUC and C_{max} of oxcarbazepine and its active 10-monohydroxy oxcarbazepine metabolite were not significantly different following the addition of oxcarbazepine (600)

mg twice daily) to lamotrigine (200 mg once daily) in healthy male volunteers (n = 13) compared with healthy male volunteers receiving oxcarbazepine alone (n = 13).

Perampanel

is a society of the s

Phenobarbital Primidone
The addition of phenobarbital or primidone decreases lamotrigine steady-state concentrations by approximately 40%.

Lamotrigine has no appreciable effect on steady-state phenytoin plasma concentrations in patients with epilepsy. The addition of phenytoin decreases lamotrigine steady-state concentrations by approximately 40%.

concentrations by approximately 40%.

Progabalia

Steady state trough plasma concentrations of lumbringine were not affected by concominant prepalabil (200 mg st times daily) administration. There are no pharmacokinetic interactions between lamotrigine and pregabalia.

In 10 male volunteers, rifampin (600 mg/day for 5 days) significantly increased the apparent clearance of a single 25-mg dose of lamotrigine by approximately 2-fold (AUC decreased by approximately 40%).

in a 14 healthy volunteers study, multiple oral doses of lamotrigine 400 mg dally had no clinically spatie and effect on the single-dose pharmacolinetics of insperisions 2 mg and mg with lamour programs of the single dose pharmacolinetics of insperisions 2 mg and mg with lamotrigine. 12 of the 14 volunteers reported someonisches compared with 1 out of 20 when rispersione was given alone, and none when lamotrigine was administered slone.

Topiramate resulted in no change in plasma concentrations of lamotrigine. Administration of lamotrigine resulted in a 15% increase in topiramate concentrations

Valenated: When lamoritypie was administered to healthy voluntiers in = 18) receiving valgroate, When lamoritypie was administered to healthy voluntiers in = 18) receiving valgroate, 23% over a 3-week prind, and then stableted. However, editing lamoritypies to the of satisfy therapy does not cause a change in voluntied plasma concentrations in other stable plant programmed to the stableted in the concentration in normal valuntiers by significant increased transcripting stately -table concentration in normal voluntiers by significant increased transcripting stately -table concentration in normal voluntiers by significant increased transcripting stately -table concentration of innormal voluntiers by significant in the concentration of the concentration of the voluntiers of the concentration of the concentration of the concernment of the volunties of the concentration of the concernment of the volunties of the concentration of the volunties of the concentration of the volunties of volunties volunties of volunties of volunties of volunties volunties volunties of volunties volunties

clearance was reached at vegroned poses prevent and an axis regularly considerable and according to the control of the considerable and according to the control of the con

Results of in vitro experiments suggest that clearance of lamotrigine is unlikely to be reduced by concomitant administration of amitriptyline, clonazepam, clozapine, fluoxetine, haloperidol, lorazepam, otheneizine, sertraine, or trazodone.

Results of in vitro experiments suggest that lamotrigine does not reduce the clearance of drugs eliminated predominantly by CYP2D6.

Species with Paral Impairment: Twelve volunteers with chronic renal failure (mean creations clearance: 13 m.Limm, range; 6 to 23 and another 6 individuals underpolar memorphisms are used to be plean a single 10 kmg date of lamostips. The mean params remodels; were used to plean a single 10 kmg date of lamostips. The mean params (during hemodelysis), and 51/4 hours (between hemodelysis) compared with 26.2 hours in betaly volunteers. On average, approximately 20% (range), 6 to 35.1) of the amount of lamostrapine present in the body was oferinated by hemodelysis during a 4-hour restoring per Design of Architecture for (2.1)!.

hour session free Dousge and Administration (2.1)]. Parketins with Height Impairment. The phramacolivates of limitorityine following a single 100-mg dose of immortigine remarketing in 24 singless with malt, moderate, and 100-mg dose of immortigine were realisated in 24 singless with malt, moderate, and 200-mg dose of immortigine repairment. The subjects with some replace; respirment were without accide (n=2) or with sackets (n=5). The mean apparent clearances of n=1 or with sackets (n=5). The mean apparent clearances of n=1 or n=1 and n

nours in neeting controls (see Joseph and Administration (1.2.1)), regular planting the pharmacolistics of lemotriping following a single 2-mg/kg dose were evaluated in 2 studies in pediatric subjects (in = 29 for subjects aged 10 months of control of the pharmacolistic subjects (in = 20 for subjects aged 10 months) of the concentration of the pharmacolistic and 12 subjects recoved lamorthips are monotherapy. Lamotripine pharmacolistics parameters for pediatric patients are summarized in 164b 14.

Population pharmacolinatic name pharmacolinatic parameters for pediatric patients are summarated in Table pharmacolinatic namely in the form subjects aged 2 to 18 years doministanted that insurinjus clears are was influenced predominantly by before on a body weight basis, in pediatric patients than in adults. Weight-normalised semorting in a body weight basis, in pediatric patients than in adults. Weight-normalised semorting in clear acre was higher in those sudgets seeping, all QI se compress with those seepings of the period of the period of the pediatric patients which is a subject to the period of the pediatric patients of the pediatric patients of the pediatric patients of the pediatric pediatric patients are AEOs (see Doss gard Administration (2.1)). These analyzes also revealed that, after accounting for body weight benefitied by the pediatric patients are the pediatric patients and pediatric patients are also pediatric patients. The pediatric patients are also pediatric patients are also pediatric patients and Administration clauses are also pediatric patients. The pediatric patients are also pediatric patients are also pediatric patients and pediatric patients. The pediatric patients are pediatric patients are pediatric patients and pediatric patients. The pediatric patients are pediatric patients are pediatric patients and pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients are pediatric patients. The pediatric patients are pediatric patients are pediatric patients are pediatric patients

Table 14. Mean Filarmacokinetic				
	Number of Subjects	T max(h)	t 1/2(h)	CL/F (mL/min/kg)
Ages 10 months to 5.3 years				
Subjects taking carbamazepine,	10	3.0	7.7 (5.7 to 11.4)	3.62 (2.44 to 5.28)
phenytoin, phenobarbital, or primidone a		(1.0 to 5.9)		
Subjects taking antiepilepticdrugs with no known effect on the	7	5.2	19.0 (12.9 to 27.1)	1.2 (0.75 to 2.42)
apparent clearance of lamotrigine		(2.9 to 6.1)		
Subjects taking valproate only	8	2.9	44.9	0.47
		(1.0 to 6.0)	(29.5 to 52.5)	(0.23 to 0.77)
Ages 5 to 11 years				
Subjects taking carbamazepine, phenytoin, phenobarbital, or	7	1.6 (1.0 to 3.0)	7.0 (3.8 to 9.8)	2.54 (1.35 to 5.58)
primidone ^a				
Subjects taking carbamazepine, phenytoin, phenobarbital, or	8	3.3 (1.0 to 6.4)	19.1 (7.0 to 31.2)	0.89 (0.39 to 1.93)
primidone a plus valproate				
Subjects taking valproate only b	3	4.5 (3.0 to 6.0)	65.8 (50.7 to 73.7)	0.24 (0.21 to 0.26)
Ages 13 to 18 years				
Subjects taking carbamazepine, phenytoin, phenobarbital, or	11	c	c	1.3
primidone a	l	_	_	
Subjects taking carbamazepine, phenytoin, phenobarbital, or	8	e	c	0.5
primidone a plus valproate				
Subjects taking valproate only	4	e	c	0.3

^{*}Car baneapine, phenylon; phenobarisks and printidone have been shown to increase the processing of th

Forameter not estimated. Generative Patients: The pharmacolinetics of lamotripine following a single 130-mg dose of lamotripine were evaluated in 12 selenty voluntizers. between the ages of 65 and 70 years to be considered to the pharmacolinetic patients of the pharmacolinetic patients of the pharmacolinetic patients are used to the pharmacolinetic patient patients are used to 10 and marked plants and the mean clearance was 0.40 mLmm/sig (range 0.26 to 0.48 mLmm/sig). Make and Fremel Patients: The clearance of interruptive in cet affected by gender. Ask and Fremel Patients: The clearance of interruptive patients and reflected by gender. Ask and Fremel Patients: The clearance of interruptive patients and reflected by gender. On a stated dose of velocities of interruptive patients and the patients of t

No evidence of carcinogenicky was seen in mice or rats following oral administration of lamotrigine for up to 2 years at doses up to 30 mg/kg/day and 10 to 15 mg/kg/day, respectively. The highest doses tested are less than the human dose of 400 mg/day on a body surface area (mg/m²) base.

Lamoststifidi.

Lamostripine was negative in in vitro gene mutation (Armes and mouse lymphoma bit) assays and in closepacity (in vitro human lymphocyte and in vivo rat bone marrow) assays.

Imagiment of Energy.

nent of Fertility

No evidence of impaired fertility was detected in rats given oral doses of lamotrigine up to 20 mg/kg/day. The highest dose tested is less than the human dose of 400 mg/day on a mg/m² basis.

14 CLINICAL STUDIES

The efficacy of SUBVENTE for the treatment of epilepsy and bipolar disorder is based on the established effect/beness of lamotrigne oral tablet. The studies below described the effect/weness of invaringine oral subslet for the treatment of epilepsy and bipolar disorder. SUBVENTE (sub-rigne or al suspension) demonstrated similar bioavailability to lamotrigne oral studies (see Clinical Pharmacology (12.3)).

Monotherapy with Lamotrigine in Adults with Partial-Onset Seizures Already Receiving Treatment with Carbamazepine. Phenytoin. Phenobarbital. or Primidone as the Single Antisplicatic Drug

Anticelesistic Drug.

The effectiveness of monotherapy with lamotrigine was established in a mulk-enter double-based critical for all enterling 15s dails outpatients with permit enter services. The double-based critical for all enterling 15s dails outpatients with permit enter services. The exceeding of the enterline of the ent

monotherary for an addition 12 arest period.

This indeplois was exception of a leader of trill tratement or meeting an exception of a leader of trill tratement or meeting an except criterion. Chiefe for escape relate to basefies were: (1) doubling of average monthly source count. (2) doubling of highest conscudie 2-day setter requestry. (3) emergence of a new secure type (defined as a secure that did not occur during the 8-treatment, or (4) decired, sperificant propagation of generated incinc chair settering. The primary efficacy variable was the proportion of patients in each treatment group who meet escape critically settering the propagation of generated sets.

The percentages of patients who met escape criteria were 42% (32/76) in the grou receiving lamotrigine and 69% (55/80) in the valproate group. The difference in the

strigine. No differences in efficacy based on age, sex, or race were

In soor or browtrijne. No differences in efficacy based on age, see, or race were detected.

Patents in the control group were intentionally treated with a relatively but dose of the desired property of the patents of self-yellow property of SURVENITE to an adequate dose of velocities the interneted to imply the superiory of SURVENITE to an adequate dose of velocities the interneted to imply the superiory of SURVENITE as adjunctive threapy (added to other AEGA) was the deficiences of SURVENITE as adjunctive threapy (added to other AEGA) was tried as a superior of the superior of SURVENITE as adjunctive threapy (added to other AEGA) was tried as a partial and a superior of the superior of SURVENITE as adjunctive threapy (added to other AEGA at the report of the superior of the superior of SURVENITE as adjunctive threapy (added to other AEGA at the report of the superior of the superior

when the man at basedness with grown for all patients received a feast 1 and to in teamment, in each work, while the man at basedness wide, given which of a platform comide in efficacy to consider the control of the

Adjunctive Therapy with lamotrigine in Pediatric and Adult Patients with Lennox-Gastaut Syndrome

Impusy for adus particles dated in Chronical Rezult. The primary efficacy endpoint was percentage change from baseline in PGTC seizures For the intent-to-treat population, the median percent reduction in PGTC seizures was 66% in patients treated with lamotrigine and 34% on placebo, a difference that was statistically significant (P = 0.006).

14.2 Bipolar Disorder

Adulta.

A1.4 Bigolar Disorder

Adulta.

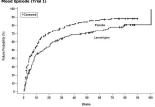
A1.4 Bigolar Disorder

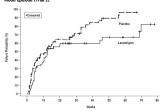
Adulta.

A1.4 Bigolar Disorder

Andrea

Although these trials were not designed to separately evaluate time to the occurrence of dependance manuals, a combined analysis for the 2 total revealed a statistically dependent on the manuals, and the statistically dependent on an analysis and manual, although the finding was more robust for depression. Figure 1: Koplan-Meier Estimation of Cumulative Proportion of Patients with Mood Episode (Trial 1)





16 HOW SUPPLIED/STORAGE AND HANDLING

16 HOW SUPPLIED/STORAGE AND HANDLING

15.1 HOW SUPPLIED

SUBVENTE (Emerizgine) and suppress contains 10 mg/mL temotrigine. It is a pirk, therety-flavored suspenson and is supplied in high-density polyethytime (HDPE) bottes with withs, polyyropiene, child resistant casures with a foam liner and heat induction layered some value.

See at 260 mL, NOC 69102-418-01

2.4 See at 260 mL, NOC 69102-418-02

16.2 Storage and Handling
Store at 20°C to 25°C (68°F to 7°F): excursions permitted to 15°C to 30°C (59°F to
86°F) [Sec USF Controlled Room Temperature].
Discard the unused portion 90 days after first opening.

17 PATIENT COUNSELING INFORMATION

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

<u>Basis</u>

Fig. 10 inhibition of treatment with SUBVENTE, inform policies that a rash or other print to inhibition of treatment with SUBVENTE, inform policies that a rash or other prints of the prints

(3-1)). Administration Instruct patients or caregivers that a calibrated measuring device, such as an oral

ing syringe or oral dosing cup, should be obtained from the pharmacy to accurately sure and deliver the prescribed dose of medication. A household teaspoon or espoon is not an adequate measuring device.

tablespoon is not an adequate measuring device.

Instruct patients, a bables well before such use and to discard any unused portion 90 days after first opening the bottle.

Himposhapocity, the prohibition(rate) and the prohibition of the pro

DRESS/Multiorgan Hypersensitivity Reactions. Blood Dyscrasias. and Organ Failure

Instruct patients and conspiers that a fewor or rain associated with signs of other company system involvement (e.g., imprinted propelly, legal configuration of the present substitution of the configuration of the confi

Cardiac Rhythm and Conduction Abnormalties

Inform patients that, due to its methanism of action, SUBVENITE could lead to irregular or slowed heart rhythm. This risk is increased in patients with underlying cardiac disease conduction. Patients should be made aware of and report cardiac signs or symptoms to their heart provider right away. Patients who develop syncope should le down with tracel lega and contact their healthcare provider (see Winnings and Precasions (3.4)). Suicidal Thinking and Behavior

Sunctal Thinking and Behavior. Inform patients, their caregivers, and families that AEDs, including SUBVENITE, may increase the risk of succidal thoughts and behavior, Instruct them to be leaf for the behavior, or the energence of suicidal thoughts or behavior or thoughts subout sell-barror, or the energence of suicidal thoughts or behavior or thoughts subout sell-barror. Instruct them to immediately report behaviors of concern to their health-care providers [see Wannings and Precautions (5.6)].

Worsening of Seizures

Instruct patients to notify their healthcare providers if worsening of seizure control occurs [see Warnings and Precautions (5.11)].

Occurs piece was finish and in Fractaboris (3.1.1);

Central Microus Session Advance Rendering Considerations, connotance, and other Inform patients that SUBVENTE may cause diszness, sonnotance, and other Information Consideration (Accordingly, Instruct the mother to drive a cere or to operate other complex machinery until they have gained sufficient experience on SUBVENTE to gauge whether or not it adversely affects their mental analytic mother performance.

Pregnancy and Lactation

Instruct patients to notify their healthcare providers if they become pregnant or intend to become pregnant during therapy and if they intend to breastfeed or are breastfeeding an infant.

Encourage patients to enroll in the NAAED Pregnancy Registry if they become pregnant. This registry is collecting information about the safety of AEDs during pregnancy. To enrol, patients can call the tol-free number 1-886-233-2234 (see Use in Specific Populations (2.1)).

Inform patients who intend to breastfeed that SUBVENITE is present in breast milk and advise them to monitor their child for potential adverse effects of this drug. Discuss the benefits and risks of continuing breastfeeding.

Use of Estrogen-Containing Products, Including Oral Contraceptives

Use of Extragen. Containing Products. Including Chris Contraceptive.

Instruct common to northy the healthcare providers I thing plan to start or stop use of oral contraceptives or other femile hormonial preparations (including INET). Scarting and the contractive of the contractive of the contractive production of the contractive including the pill free week) may sprift carrily increase immortance plasma below [see Varnings and Prescribed INET). The pill representation (1.9), Client Primarcology (1.2), All can be noted under the changes in mentional pattern (e.g., break-through bleeding) while receiving SUBVENTE or combination with these medicalizons.

Decontinuous SIBVENTE

Contractive of the contractive o

Asiatist. Meminatis.
Inform patients that SUPENITE may cause aseptic meningits. Instruct then to notify inform patients that SUPENITE may cause aseptic meningits. Instruct then to notify such as headsche, feere, nauses, working, stiff neck, rath, almoured sensibility to light, mighlight, other, conflict, or of devisions which testing SUPENITE.
Patiental Medication Errors.
To avoid a medication error of using the wrong drug or formulation, strongly advise and control of termination of lemotripies, each time they if the prescription/feer Disapper forms and Strength of 13.1, Medications are advised to the prescription/feer Disapper forms and Strength of 13.1, Medications are advised to the prescription/feer Disapper forms and Strength of 13.1, Medications are advised to the prescription of the pres



Manufactured for:

cals, Inc., 701 Warrenville Road, Suite 200, Lisle, IL 60532

OWP Pharmaceuticals, Inc., 701 Warrenville Roo Manufactured by: DPT Laboratories, Ltd 307 E Josephine Street, San Antonio, Tx 78215 8082096 OWOSSUBP10925 Revised Sep

MEDICATION GUIDE

MEDICATION GUIDE
SUBVENTET (Sub-Ve-nice)
SUBVENTE (Sub-Ve-nice)
Subventet (Sub

Note: painful sores in your mouth or around your eyes.
These symptoms may be the first signs of a serious sits reaction. A healthcare provider should examine you to dice of they so should examine you to dice of they so should reach you to dice of they so should be come you to dice of they so should be come you to the provider of the your provider should be come you to the provider you will be come you will be

- A. In patients with known heart problems, the use of SUBVENITE may lead to a fast heart beat. Call your heath: are provider right away if you:

 have a fast, two, or pounding heart beat
 feel your heart skip a beat
 have check pain
 have check pain
 have check pain
 feel spiritheaded

Like other antiepileptic drugs, SUBVENITE may cause suicidal thoughts or actions in a very small number of people, about 1 in 500.

4. Like other antepleptic drugs, SIMPMIT in my clause surclast though Call a beathcare provider right easy if you have any of these symptoms, especially if they are new, you have any of these symptoms, broughts about suction of symp in me or worse depression in me or worse retailing in rough is worse or worse retailing in even or worse retailing in e

The second section of the second section of the second section of the section of

causes. How can I watch for early symptoms of suicidal thoughts and actions in myself or a family member? Thought, or feelings. thought, or feelings. Keep all follows yet beth with your healthcare provider as scheduled. Call your healthcare provider between vists as needed, especially if you are world about symptoms.

- about symptoms.

 5. SUPENTET may cause aseptic meningist, a serious inflammation of the protective meninerate that covers the brain and spinal rord.

 Call your healthcare provider right away if you have any of the following backets.

 I headsche from the control of the provider right away if you have any of the following backets.

 I form the serious form the control of the contro

drowsiness
 Movements has many causes other than SUBVENITE, which your doctor would check for if you developed memingts while taking SUBVENITE.
 SUBVENITE can cause other serious side effects. For more information ask your healthcare provider or pharmacut. Tell your healthcare provider if you have any side processed size effects of SUBVENITE?
 What is SUBVENITE?
 SUBVENITE or SUBVENITE?
 SUBVENITE or SUBVENITE
 1 SUBVENITE or SUBVENITE

- Gastauf syndrome) in people aged 2 years and older:

 alone when changing from 1 other medicine used to treat partial onset setures in
 for the bugs extra metament of ploot idendref to lengthen the time between
 mod episodes in people with have been treated for mod episodes with order
 it is not income 5 SUMPSIRTE is set or effectue in people years per any
 mod episodes such as belook disorder or depression.

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 reterment of size in SURPSIRTE safe or effectue for papele with mod episodes who

SUBVENITE should not be used for acute treatment of manic or mixed mood episodes.

Do not take SUBVENITE:

• if you have had an allergic reaction to lamotrigine or to any of the ingredients in SUBVENITE. See the end of this leaflet for a complete list of ingredients in SUBVENITE.

- SURVENTE: See the end of this lands for a complete for it appreciates in SURVENTE.

 Before taking SURVENTE, to your heabthcare provider about all of your heabth conditions, including if you heabthcare provider about all of your heabth conditions, including if you heabthcare provider about all of your heabth conditions, including if you have a large reaction to arother antisequer endition; which will be a seal of the provider of the provider of your heabthcare have any heat problem. Including genetic advormables, which will be a seal to a provider provider and you members have any heat problem, including genetic advormables, and the provider and you have been provided by you have taken you have been provided by you have taken you have been you have taken you have taken you have been you have taken you have been you have been you have you have been your have you have you have been your have you have been your have you have your have you

Yell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. SUBYENTE and certain other medicines may interact with each other. This may cause serious side effects.

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What should I avoid while taking SUBVENITE?
Do not drive, operate machinery, or do other dangerous activities until you know how SUBVENITE affects you.
What are the possible side effects of SUBVENITE?

SUBVENITE can cause serious side effects. See "What is the most important information I should know about SUBVENITE?"

Common side effects of SUBVENITE include:

dizziness	 sleepiness
• tremor	back pain
 headach 	 nausea, vomiting
• rash	diarrhea
blurred or double vision	 tiredness
• fever	• insomnia
 lack of coordination 	 dry mouth

These are not all the possible side effects of SUBVENITE.

Call your doctor for medical advice about side effects. You may report side effects to find a 1-800-FDA-1088.

How should 1 store SUBVENITE?

• Sacre SUBVENITE at room temperature between 68° to 77°F (20° to 25°C)

• Throw any (second by you musted medicine 90° days after first opening the bottle.

In row sway (faccard) any unused medicine 90 days, after first opening the bottle.
 Koep SUBVENTE and all medicines out of the reach of children.
 General Information about the safe and effective use of SUBVENTE.
 Medicines are sometimes prescribed for purposes other than those lited in a Medication (dule, Don not use SUBVENTIE for a continion for which it was not prescribed. Do not give SUBVENTIE to other people, even if they have the same symptoms that you have. It may harm them.

may have them.

If you take a universe drug processing text, SUPVENTE may make the text result postive for another drug if you require a universe drug processing text, still the healthcare professional. You can sak you rehalthcare provider or pharmacist for information about SUPVENTE that is written for health professionals. You can sak you rehalthcare provider and the professionals. The professionals is SUPVENTE that is written for health professionals. Active ingredients in SUPVENTE professionals. Active ingredients in SUPVENTE professionals. In the control of the professionals in the control of t



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For more information, go to www.owppharma.com or call 1-800-273-6729.

The Medication Guide has been approved by the U.S. Food and Drug Administration Issued: 09/2025

PACKAGE LABEL.PRINCIPAL DISPLAY PANEL - 10 mg/mL

PACKAGE LABEL.PRII 240 mL Suspension NDC 69102-418-01 SUBVENITE (lamotrigine) Oral Suspe Rx Only Container Label





	roduct Info							
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	roduct Type oute of Admin		OBM NAZYCKIA	ION DRUG	item	Code (Source)	- '	IDC: 69102-41
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Labeler - OMP Pharmaceuticals, Inc. (979392532)

Establishment

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Address
DPT Laborations, Ltd.

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Revised: 9/2025 OWP Pharmaceuticals, In