

# ELAVENZ, LAMIVUDINE AND TENFOVIR DISPROXIL FUMARATE TABLETS SAFETY AND EFFECTIVE. Save full prescribing information

WARNING: POST TREATMENT ACUTE EXACERBATIONS OF HEPATITIS B

Severe acute exacerbations of hepatitis B have been reported in patients who are infected with HIV and human immunodeficiency virus (HIV-1) and have discontinued elvanz, lamivudine and tenofovir disoproxil fumarate tablets. Monitor hepatic function closely in these patients and, if appropriate, initiate anti-hepatitis B treatment (5.1).

RECENT MAJOR CHANGES

INDICATIONS AND USAGE

ADVERSE REACTIONS

DRUG INTERACTIONS

USE IN SPECIFIC POPULATIONS

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

DESCRIPTION

CLINICAL PHARMACOLOGY

NONCLINICAL TOXICOLOGY

HOW SUPPLIED/STORAGE AND HANDLING

Nervous System Symptoms (NSS) NSS were reported in 1.0 to 2.4 days after initiating therapy and resolved in 2 to 6 weeks. Dosing at bedtime may improve tolerability. NSS were not predictive of other psychiatric symptoms. (5.6)

Rash Rash usually begins within 1 to 2 weeks after initiating therapy and resolves within 4 weeks. Discontinue if severe rash develops. (5.8)

Hepatitis B Monitor liver function tests before and during treatment in patients with underlying hepatitis disease, including hepatitis B or C infection, marked transaminase elevation, or other lab findings associated with liver toxicity. Among reported cases of hepatic failure, a few occurred in patients with underlying hepatitis disease. (5.8, 8.1, 8.2)

Pancreatitis Use with caution in pediatric patients with a history of pancreatitis or other significant risk factors for pancreatitis. Discontinue elvanz, lamivudine and tenofovir disoproxil fumarate tablets if pancreatitis is suspected. (5.10)

Convolulsions Use caution in patients with a history of seizures. (5.11)

Uptake of cholesterol and triglyceride elevations. Monitor before therapy and periodically thereafter. (5.12)

Increases in Bone Mineral Density (BMD) Observed in HIV-infected patients. Consider assessment of BMD in patients with a history of pathologic fractures or other risk factors for osteoporosis or osteopenia. (5.13)

Immune Reconstitution Syndrome Observed in HIV-infected patients. May necessitate further evaluation and treatment. (5.14)

Redistribution/Unintended Transfer of Body Fat Observed in HIV-infected patients receiving Antiretroviral Combination Therapy. (5.15)

Most common adverse reactions are impaired concentration, abnormal taste, headache, nausea, malaise and fatigue, nasal signs and symptoms, diarrhea, rash, dizziness, insomnia, pain, and constipation. (6.1)

Report SUSPECTED ADVERSE REACTIONS, contact **Lanora Generics Inc. at 1-833-3-LANORA (1-833-332-6787) or FDA at 1-800-FDA-1088** (1-800-338-1044).

DRUG INTERACTIONS

Elvanz, lamivudine and tenofovir disoproxil fumarate should not be administered with other antiretroviral medications for the treatment of HIV infection. (7.1)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets can alter the concentration of other drugs and other drugs may alter the concentration of elvanz, lamivudine and tenofovir disoproxil fumarate. (7.2)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

Elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be used with caution in patients with moderate to severe hepatic impairment. (7.3)

who received EPV or control groups, respectively, were severe depression (2.4%, 0.9%), suicidal ideation (0.2%, 0.0%), nonfatal suicide attempt (0.5%, 0%), aggressive behavior (0.4%, 0.3%), paranoid reactions (0.2%, 0.3%), and manic reactions (0.2%, 0.3%). When psychiatric symptoms similar to those listed above were combined and evaluated as a group in a multivariate analysis of data from a study using EPV 600 mg in combination with zidovudine and zalcitabine, the risk of psychiatric symptoms was significantly increased in patients receiving EPV 600 mg in combination with zidovudine and zalcitabine compared to patients receiving zidovudine and zalcitabine alone. Other factors associated with an increase in the occurrence of these psychiatric symptoms were history of injection drug use, psychiatric history, and receipt of psychiatric medication at study entry. Clinically relevant fractures (including hip and spine) were reported in 4 subjects in the TDF group and 6 subjects in the control group. In addition, there were significant increases in biochemical markers of bone metabolism (serum bone-specific alkaline phosphatase, serum osteocalcin, and urinary osteocalcin) and higher serum parathyroid hormone levels and 25-OH vitamin D levels in the TDF group relative to the control group, however, except for bone-specific alkaline phosphatase, these changes were similar to those that remained within the normal range. (See Warnings and Precautions (5.10))

There have also been occasional postmarketing reports of dually sub-acute, delusional, psychotic-like behavior, although a causal relationship to the use of EPV cannot be determined from these reports. (See Adverse Reactions (6.2)) Postmarketing cases of catatonia have also been reported and may be associated with increased elvanz exposure. Patients with serious psychiatric adverse experiences should seek immediate medical evaluation to assess the possibility that the symptoms may be related to the use of EPV, and if so, to determine whether the risks of continued treatment outweigh the benefits. (5.8, 8.1, 8.2)

5.9 Nervous System Symptoms (NSS) Symptoms in patients receiving EPV + a component of elvanz, lamivudine and tenofovir disoproxil fumarate tablets, in controlled trials reported central nervous system symptoms (grade, regardless of causality) compared to 22% (156/533) of patients receiving control regimens. These symptoms included, but were not limited to, dizziness (28.1% of the 1,000 patients), insomnia (18.3%), constipation (8.3%), somnolence (7.5%), abnormal dreams (6.2%), and hallucinations (2.5%). These symptoms were seen in 2 of 3 patients and 2 and 1% of patients discontinued therapy as a result. These symptoms usually began during the first or second day of therapy and generally resolve after the first 2 to 4 weeks of therapy. At 4 weeks of therapy, the prevalence of nervous system symptoms of at least moderate severity ranged from 5% to 8% in patients treated with regimens containing EPV and from 3% to 5% in patients treated with control regimens. Before patients take these common symptoms were likely to improve with continued therapy and were not predictive of subsequent onset of the less frequent psychiatric symptoms. (See Warnings and Precautions (5.10)) Dosing at bedtime may improve the tolerability of these nervous system symptoms. (See Dosage and Administration (2.2))

5.10 Seizures Epilepsy (including partial seizures) and other seizure disorders (including partial seizures) have been reported in patients receiving EPV. Reports have included patients with underlying hepatic disease, including collection with hepatitis B or C, and patients without pre-existing hepatic disease or other identifiable risk factors. (See Warnings and Precautions (5.10)) Elvanz, lamivudine and tenofovir disoproxil fumarate tablets are not recommended for patients with moderate to severe hepatic impairment. (See Warnings and Precautions (5.10)) Close monitoring is recommended for patients with mild hepatic impairment. (See Adverse Reactions (6.1) and Drug Interactions (7.2)) Monitoring of liver enzymes before and during treatment with elvanz, lamivudine and tenofovir disoproxil fumarate tablets is warranted. (See Dosage and Administration (2.2))

5.11 Embryo-Fetal Toxicity EPV is a component of elvanz, lamivudine and tenofovir disoproxil fumarate tablets, may cause fetal harm when administered during the first trimester to a pregnant woman. Avian females of reproductive potential who are receiving EPV to avoid pregnancy (See Use in Specific Populations (8.1, 8.2)) should be advised to avoid pregnancy during treatment with EPV.

5.12 Skin and Systemic Hypersensitivity Reaction In controlled clinical trials, 58% (266/458) of patients treated with 600 mg EPV experienced new-onset skin rash compared with 17% (111/653) of patients treated with control groups. Rash associated with bleeding, most desquamating, or located around the mouth occurred in 0.9% (2/228) of patients treated with EPV. The incidence of Grade 4 rash (e.g., erythema multiforme, Stevens-Johnson syndrome) in patients treated with EPV in all studies and reported was 1.1%. Rash usually resolved within 2 to 4 weeks of treatment. (See Warnings and Precautions (5.10))

5.13 Bone Loss and Fracture Risk In clinical trials, the discontinuation rate for rash in clinical trials was 1.7% (171/1008). EPV can generally be initiated in patients initiating therapy because of rash. EPV should be discontinued in patients developing severe rash associated with bleeding, desquamation, mucocutaneous, or severe. Appropriate antineoplastic and/or corticosteroids may improve the quality of life and hasten the resolution of rash for patients who have had a life-threatening cutaneous reaction (e.g., Stevens-Johnson syndrome), alternate therapy should be considered. (See Contraindications (4))

5.14 Hepatotoxicity In clinical trials, hepatitis, including fulminant hepatitis progressing to liver failure requiring transplantation or resulting in death, have been reported in patients treated with EPV. Reports have included patients with underlying hepatic disease, including collection with hepatitis B or C, and patients without pre-existing hepatic disease or other identifiable risk factors. (See Warnings and Precautions (5.10)) Elvanz, lamivudine and tenofovir disoproxil fumarate tablets are not recommended for patients with moderate to severe hepatic impairment. (See Warnings and Precautions (5.10)) Close monitoring is recommended for patients with mild hepatic impairment. (See Adverse Reactions (6.1) and Drug Interactions (7.2)) Monitoring of liver enzymes before and during treatment with elvanz, lamivudine and tenofovir disoproxil fumarate tablets is warranted. (See Dosage and Administration (2.2))

5.15 Pancreatitis In patients treated with a history of prior antiretroviral nucleoside exposure, a history of pancreatitis, or other significant risk factors for the development of pancreatitis, including alcohol consumption, gallstones, gallbladder disease, and hypertriglyceridemia, elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be stopped immediately if clinical signs, symptoms, or laboratory tests suggestive of pancreatitis occur. (See Adverse Reactions (6.1))

5.16 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.17 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.18 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.19 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.20 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.21 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.22 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.23 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.24 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.25 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.26 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.27 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.28 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.29 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.30 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.31 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.32 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.33 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.34 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.35 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.36 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.37 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.38 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.39 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.40 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.41 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.42 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.43 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.44 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.45 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.46 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.47 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.48 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.49 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

Changes in Bone Mineral Density (BMD) in HIV-1-infected adult subjects in Trial 903 were significantly greater mean percentage decrease from baseline in BMD at the lumbar spine in HIV-1-infected adult subjects receiving EPV + 3TC (2.3% vs 3.1% EPV + 3TC + EPV (1.0% + 1.8) through 144 weeks. Changes in BMD in the hip were similar between the two treatment groups (2.2% vs 2.3% in the TDF group vs -2.4% vs -4.5% in the control group). In both groups, the majority of the reduction in BMD occurred in the first 24 to 48 weeks of the trial and the reduction was sustained through Week 144. Twenty-eight percent of TDF-treated subjects vs 21% of the control-treated subjects lost at least 5% of BMD at the hip or 7% of BMD at the hip. Clinically relevant fractures (including hip and spine) were reported in 4 subjects in the TDF group and 6 subjects in the control group. In addition, there were significant increases in biochemical markers of bone metabolism (serum bone-specific alkaline phosphatase, serum osteocalcin, and urinary osteocalcin) and higher serum parathyroid hormone levels and 25-OH vitamin D levels in the TDF group relative to the control group, however, except for bone-specific alkaline phosphatase, these changes were similar to those that remained within the normal range. (See Warnings and Precautions (5.10))

5.9 Nervous System Symptoms (NSS) Symptoms in patients receiving EPV + a component of elvanz, lamivudine and tenofovir disoproxil fumarate tablets, in controlled trials reported central nervous system symptoms (grade, regardless of causality) compared to 22% (156/533) of patients receiving control regimens. These symptoms included, but were not limited to, dizziness (28.1% of the 1,000 patients), insomnia (18.3%), constipation (8.3%), somnolence (7.5%), abnormal dreams (6.2%), and hallucinations (2.5%). These symptoms were seen in 2 of 3 patients and 2 and 1% of patients discontinued therapy as a result. These symptoms usually began during the first or second day of therapy and generally resolve after the first 2 to 4 weeks of therapy. At 4 weeks of therapy, the prevalence of nervous system symptoms of at least moderate severity ranged from 5% to 8% in patients treated with regimens containing EPV and from 3% to 5% in patients treated with control regimens. Before patients take these common symptoms were likely to improve with continued therapy and were not predictive of subsequent onset of the less frequent psychiatric symptoms. (See Warnings and Precautions (5.10)) Dosing at bedtime may improve the tolerability of these nervous system symptoms. (See Dosage and Administration (2.2))

5.10 Seizures Epilepsy (including partial seizures) and other seizure disorders (including partial seizures) have been reported in patients receiving EPV. Reports have included patients with underlying hepatic disease, including collection with hepatitis B or C, and patients without pre-existing hepatic disease or other identifiable risk factors. (See Warnings and Precautions (5.10)) Elvanz, lamivudine and tenofovir disoproxil fumarate tablets are not recommended for patients with moderate to severe hepatic impairment. (See Warnings and Precautions (5.10)) Close monitoring is recommended for patients with mild hepatic impairment. (See Adverse Reactions (6.1) and Drug Interactions (7.2)) Monitoring of liver enzymes before and during treatment with elvanz, lamivudine and tenofovir disoproxil fumarate tablets is warranted. (See Dosage and Administration (2.2))

5.11 Embryo-Fetal Toxicity EPV is a component of elvanz, lamivudine and tenofovir disoproxil fumarate tablets, may cause fetal harm when administered during the first trimester to a pregnant woman. Avian females of reproductive potential who are receiving EPV to avoid pregnancy (See Use in Specific Populations (8.1, 8.2)) should be advised to avoid pregnancy during treatment with EPV.

5.12 Skin and Systemic Hypersensitivity Reaction In controlled clinical trials, 58% (266/458) of patients treated with 600 mg EPV experienced new-onset skin rash compared with 17% (111/653) of patients treated with control groups. Rash associated with bleeding, most desquamating, or located around the mouth occurred in 0.9% (2/228) of patients treated with EPV. The incidence of Grade 4 rash (e.g., erythema multiforme, Stevens-Johnson syndrome) in patients treated with EPV in all studies and reported was 1.1%. Rash usually resolved within 2 to 4 weeks of treatment. (See Warnings and Precautions (5.10))

5.13 Bone Loss and Fracture Risk In clinical trials, the discontinuation rate for rash in clinical trials was 1.7% (171/1008). EPV can generally be initiated in patients initiating therapy because of rash. EPV should be discontinued in patients developing severe rash associated with bleeding, desquamation, mucocutaneous, or severe. Appropriate antineoplastic and/or corticosteroids may improve the quality of life and hasten the resolution of rash for patients who have had a life-threatening cutaneous reaction (e.g., Stevens-Johnson syndrome), alternate therapy should be considered. (See Contraindications (4))

5.14 Hepatotoxicity In clinical trials, hepatitis, including fulminant hepatitis progressing to liver failure requiring transplantation or resulting in death, have been reported in patients treated with EPV. Reports have included patients with underlying hepatic disease, including collection with hepatitis B or C, and patients without pre-existing hepatic disease or other identifiable risk factors. (See Warnings and Precautions (5.10)) Elvanz, lamivudine and tenofovir disoproxil fumarate tablets are not recommended for patients with moderate to severe hepatic impairment. (See Warnings and Precautions (5.10)) Close monitoring is recommended for patients with mild hepatic impairment. (See Adverse Reactions (6.1) and Drug Interactions (7.2)) Monitoring of liver enzymes before and during treatment with elvanz, lamivudine and tenofovir disoproxil fumarate tablets is warranted. (See Dosage and Administration (2.2))

5.15 Pancreatitis In patients treated with a history of prior antiretroviral nucleoside exposure, a history of pancreatitis, or other significant risk factors for the development of pancreatitis, including alcohol consumption, gallstones, gallbladder disease, and hypertriglyceridemia, elvanz, lamivudine and tenofovir disoproxil fumarate tablets should be stopped immediately if clinical signs, symptoms, or laboratory tests suggestive of pancreatitis occur. (See Adverse Reactions (6.1))

5.16 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.17 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.18 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts. (See Adverse Reactions (6.1))

5.19 Hematologic Abnormalities In clinical trials, elvanz, lamivudine and tenofovir disoproxil fumarate tablets were associated with decreases in hemoglobin, hematocrit, and platelet counts

