

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use Olanzapine Orally Disintegrating Tablets safely and effectively. See full prescribing information for Olanzapine Orally Disintegrating Tablets.

Initial U.S. Approval: 1996

WARNING: INCREASED MORTALITY IN ELDERLY PATIENTS WITH DEMENTIA-RELATED PSYCHOSIS

See full prescribing information for complete boxed warning.

- Elderly patients with dementia-related psychosis treated with antipsychotic drugs are at an increased risk of death. Olanzapine orally disintegrating tablets are not approved for the treatment of patients with dementia-related psychosis. (5.1, 5.14, 17.2) When using olanzapine and fluoxetine in combination, also refer to the Boxed Warning section of the package insert for Symbyax.

RECENT MAJOR CHANGES

INDICATIONS AND USAGE

Olanzapine is an atypical antipsychotic indicated:

As oral formulation for the:

- Treatment of schizophrenia. (1.1)
- Adults: Efficacy was established in three clinical trials in patients with schizophrenia: two 6-week trials and one maintenance trial. (14.1)
- Acute treatment of manic or mixed episodes associated with bipolar I disorder and maintenance treatment of bipolar I disorder. (1.2)
- Elderly Patients with Dementia-Related Psychosis: Increased risk of death in patients with dementia-related psychosis in clinical trials in patients with manic or mixed episodes of bipolar I disorder; two 3- to 4-week trials and one maintenance trial. (14.2)
- Adjunct to valproate or lithium in the treatment of manic or mixed episodes associated with bipolar I disorder. (1.2)
- Efficacy was established in two 6-week clinical trials in adults (14.2). Maintenance efficacy has not been systematically evaluated.

As Olanzapine and Fluoxetine in Combination for the:

- Treatment of depressive episodes associated with bipolar I disorder. (1.5)
- Efficacy was established with Symbyax (olanzapine and fluoxetine in combination) in adults; refer to the product label for Symbyax.

DOSE AND ADMINISTRATION

Schizophrenia in adults (2.1) Oral: Start at 5 to 10 mg once daily; Target: 10 mg/day with several days

Bipolar I Disorder (manic or mixed episodes) in adults (2.2) Oral: Start at 10 or 15 mg once daily

Bipolar I Disorder (manic or mixed episodes) with lithium or valproate in adults (2.2) Oral: Start at 10 mg once daily

Depressive Episodes associated with Bipolar I Disorder in adults (2.5) Oral in combination with fluoxetine: Start at 5 mg of oral olanzapine and 20 mg of fluoxetine once daily

- Lower starting dose recommended in debilitated or pharmacodynamically sensitive patients or patients with predisposition to hypotensive reactions, or with potential for slowed metabolism. (2.1)
- Olanzapine may be given without regard to meals. (2.1)
- Olanzapine and Fluoxetine in Combination: Dosage adjustments, if indicated, should be made with the individual components according to efficacy and tolerability. (2.5)
- Olanzapine monotherapy is not indicated for the treatment of depressive episodes associated with bipolar I disorder in adults (2.5)
- Safety of co-administration of doses above 18 mg olanzapine with 75 mg fluoxetine has not been evaluated. (2.5)

DOSE FORMS AND STRENGTHS

Orally Disintegrating Tablets (not scored): 5, 10, 15, 20 mg (9)

CONTRAINDICATIONS

- None with olanzapine monotherapy.
- When using olanzapine and fluoxetine in combination, also refer to the Contraindications section of the package insert for Symbyax®. (4)
- When using olanzapine in combination with lithium or valproate, refer to the Contraindications section of the package inserts for those products. (4)

WARNINGS AND PRECAUTIONS

- Elderly Patients with Dementia-Related Psychosis: Increased risk of death and increased incidence of cerebrovascular adverse events (e.g., stroke, transient ischemic attack). (5.1)
- Suicide: The possibility of a suicide attempt is inherent in schizophrenia and in bipolar I disorder, and close supervision of high-risk patients should accompany drug therapy. When using olanzapine and fluoxetine in combination, also refer to the Boxed Warning and Warnings and Precautions sections of the package insert for Symbyax. (5.2)
- Neuroleptic Malignant Syndrome: Manage with immediate discontinuation and close monitoring. (5.3)
- Hypotension: In some cases extreme and associated with ketociclosol or hypersomnol coma or death, has been reported in patients taking olanzapine. Patients taking olanzapine should be monitored for symptoms of hypotension and/or unusual fasting blood glucose testing at the beginning of, and periodically during, treatment. (5.4)
- Hypertension: Undesirable increases in blood pressure have been observed. Appropriate clinical monitoring is recommended, including fasting blood lipid testing at the beginning of, and periodically during, treatment. (5.5)
- Weight Gain: Potential consequences of weight gain should be considered. Patients should receive regular monitoring of weight. (5.6)
- Tardive Dyskinesia: Discontinue if clinically appropriate. (5.7)
- Orthostatic Hypotension: Orthostatic hypotension associated with dizziness, tachycardia, bradycardia and, in some patients, syncope, may occur especially during initial dose titration. Use caution in patients with orthostatic hypotension, cerebrovascular disease, and those conditions that could affect hemodynamic responses. (5.8)
- Leukopenia, Neutropenia, and Agrandulocytosis: Has been reported with antipsychotics, including olanzapine. Patients with a history of a clinically significant low white blood cell count (WBC) or drug induced leukopenia should have their complete blood count (CBC) monitored frequently during the first few months of therapy and discontinuation of olanzapine should be considered at the first sign of a clinically significant decline in WBC in the absence of other causative factors. (5.9)
- Seizures: Increased incidence in patients with a history of seizures or with conditions that potentially lower the seizure threshold. (5.11)
- Potential for Cognitive and Motor Impairment: Has potential to impair judgment, thinking, and driving skills. Use caution when operating machinery. (5.12)
- Hyperglycemia: May develop in patients with diabetes mellitus. (5.13)
- Use in Combination with Fluoxetine, Lithium or Valproate: Also refer to the package inserts for Symbyax, lithium, or valproate. (5.16)
- Laboratory Tests: Monitor fasting blood glucose and lipid profiles at the beginning of, and periodically during, treatment. (5.17)

ADVERSE REACTIONS

Most common adverse reactions (≥5% and at least twice that for placebo) associated with: Oral Olanzapine Monotherapy:

- Schizophrenia (Adults) – postural hypotension, constipation, weight gain, dizziness, personality disorder, akathisia (6.1)
- Schizophrenia (Adolescents) – sedation, weight increased, headache, increased appetite, dizziness, abdominal pain, pain in extremity, fatigue, dry mouth (6.1)
- Manic or Mixed Episodes, Bipolar I Disorder (Adults) – asthenia, dry mouth, constipation, increased appetite, constipation, dizziness, tremor (6.1)
- Manic or Mixed Episodes, Bipolar I Disorder (Adolescents) – sedation, weight increased, increased appetite, headache, fatigue, dizziness, dry mouth, abdominal pain, pain in extremity (6.1)

Combination of Olanzapine and Lithium or Valproate:

- Manic or Mixed Episodes, Bipolar I Disorder (Adults) – dry mouth, weight gain, increased appetite, dizziness, back pain, constipation, speech disorder, increased salivation, amnesia, paresthesia (6.1)

Olanzapine and Fluoxetine in Combination: Also refer to the Adverse Reactions section of the package insert for Symbyax. (6)

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CONTRAINDICATIONS

5.1 Elderly Patients with Dementia-Related Psychosis

5.2 Suicide

5.3 Neuroleptic Malignant Syndrome (NMS)

5.4 Hypertension

5.5 Hyperlipidemia

5.6 Weight Gain

5.7 Tardive Dyskinesia

5.8 Orthostatic Hypotension

5.9 Leukopenia, Neutropenia, and Agrandulocytosis

5.10 Dysphagia

5.11 Seizures

5.12 Potential for Cognitive and Motor Impairment

5.13 Body Temperature Regulation

5.14 Use in Patients with Concomitant Illnesses

5.15 Hypercholesterolemia

5.16 Use in Combination with Fluoxetine, Lithium, or Valproate

5.17 Laboratory Tests

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

6.2 Vital Signs and Laboratory Studies

6.3 Postmarketing Experience

7 DRUG INTERACTIONS

7.1 Potential for Drug-Drug Interactions

7.2 Potential for Olanzapine to Affect Other Drugs

8 USE IN SPECIFIC POPULATIONS

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8.2 Labor and Delivery

8.3 Nursing Mothers

8.4 Pediatric Use

8.5 Geriatric Use

9 DRUG ABUSE AND DEPENDENCE

9.3 Dependence

10 OVERDOSAGE

10.1 Human Experience

10.2 Management of Overdose

11 DESCRIPTION

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

12.2 Pharmacodynamics

12.3 Pharmacokinetics

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

13.2 Animal Toxicology and/or Pharmacology

14 CLINICAL STUDIES

14.1 Schizophrenia

14.2 Bipolar I Disorder (Manic or Mixed Episodes)

16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied

16.2 Storage and Handling

17 PATIENT COUNSELING INFORMATION

17.1 Information on Medication Guide

17.2 Elderly Patients with Dementia-Related Psychosis: Increased Mortality and Risk of Death

17.3 Neuroleptic Malignant Syndrome (NMS), Including Shocks

17.4 Hyperglycemia

17.5 Hyperlipidemia

17.6 Weight Gain

17.7 Orthostatic Hypotension

17.8 Potential for Cognitive and Motor Impairment

17.9 Body Temperature Regulation

17.10 Concomitant Medication

17.11 Alcohol

17.12 Phenylethanolamines

17.13 Specific Populations

17.14 Need for Comprehensive Treatment Program in Pediatric Patients

Sections or subsections omitted from the full prescribing information are not listed

FULL PRESCRIBING INFORMATION

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Neuroleptic Malignant Syndrome: Manage with immediate discontinuation and close monitoring. (5.3)

Hypotension: In some cases extreme and associated with ketociclosol or hypersomnol coma or death, has been reported in patients taking olanzapine. Patients taking olanzapine should be monitored for symptoms of hypotension and/or unusual fasting blood glucose testing at the beginning of, and periodically during, treatment. (5.4)

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Leukopenia, Neutropenia, and Agrandulocytosis: Has been reported with antipsychotics, including olanzapine. Patients with a history of a clinically significant low white blood cell count (WBC) or drug induced leukopenia should have their complete blood count (CBC) monitored frequently during the first few months of therapy and discontinuation of olanzapine should be considered at the first sign of a clinically significant decline in WBC in the absence of other causative factors. (5.9)

Seizures: Increased incidence in patients with a history of seizures or with conditions that potentially lower the seizure threshold. (5.11)

Potential for Cognitive and Motor Impairment: Has potential to impair judgment, thinking, and driving skills. Use caution when operating machinery. (5.12)

Hyperglycemia: May develop in patients with diabetes mellitus. (5.13)

Use in Combination with Fluoxetine, Lithium or Valproate: Also refer to the package inserts for Symbyax, lithium, or valproate. (5.16)

Laboratory Tests: Monitor fasting blood glucose and lipid profiles at the beginning of, and periodically during, treatment. (5.17)

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While there is no body of evidence to answer the question of how long a patient treated with olanzapine and fluoxetine in combination should remain on it, it is generally accepted that bipolar I disorder, including the depressive episodes associated with bipolar I disorder, is a chronic illness requiring chronic treatment. The physician should periodically reexamine the need for continued pharmacologic treatment.

Safety of co-administration of doses above 18 mg olanzapine with 75 mg fluoxetine has not been evaluated in clinical studies.

Olanzapine monotherapy is not indicated for the treatment of depressive episodes associated with bipolar I disorder.

2. Olanzapine and Fluoxetine in Combination: Dosing in Specific Populations

2.1 Schizophrenia – In an analysis of placebo-controlled olanzapine monotherapy studies in adults with a predisposition to hypotensive reactions, patients with hepatic impairment, or patients who exhibit a combination of factors that may slow the metabolism of olanzapine or fluoxetine (e.g., renal impairment, geriatric age, nonfasting status), or who are potentially may be pharmacodynamically sensitive to olanzapine. Dosing adjustments are not necessary. (5.4)

2.2 Bipolar I Disorder (Manic or Mixed Episodes) – In an analysis of placebo-controlled olanzapine monotherapy studies in adults with a predisposition to hypotensive reactions, patients with hepatic impairment, or patients who exhibit a combination of factors that may slow the metabolism of olanzapine or fluoxetine (e.g., renal impairment, geriatric age, nonfasting status), or who are potentially may be pharmacodynamically sensitive to olanzapine. Dosing adjustments are not necessary. (5.4)

2.3 Olanzapine and Fluoxetine in Combination: Depressive Episodes Associated with Bipolar I Disorder – In an analysis of placebo-controlled olanzapine monotherapy studies in adults with a predisposition to hypotensive reactions, patients with hepatic impairment, or patients who exhibit a combination of factors that may slow the metabolism of olanzapine or fluoxetine (e.g., renal impairment, geriatric age, nonfasting status), or who are potentially may be pharmacodynamically sensitive to olanzapine. Dosing adjustments are not necessary. (5.4)

2.4 Pediatric Use – Safety and efficacy of olanzapine in children has not been established. (8.4)

2.5 Geriatric Use – Safety and efficacy of olanzapine in geriatric patients has not been established. (8.5)

2.6 Pregnancy – Safety and efficacy of olanzapine in pregnant women has not been established. (8.1)

2.7 Labor and Delivery – Safety and efficacy of olanzapine in women during labor and delivery has not been established. (8.2)

2.8 Nursing Mothers – Safety and efficacy of olanzapine in nursing infants has not been established. (8.3)

2.9 Pediatric Use – Safety and efficacy of olanzapine in children has not been established. (8.4)

2.10 Geriatric Use – Safety and efficacy of olanzapine in geriatric patients has not been established. (8.5)

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2.15 Geriatric Use – Safety and efficacy of olanzapine in geriatric patients has not been established. (8.5)

2.16 Pregnancy – Safety and efficacy of olanzapine in pregnant women has not been established. (8.1)

