

Table 13: Common Treatment-Emergent Adverse Reactions Associated with the Use of Oral Olanzapine in 6-Week Adjunct to Lithium or Valproate Trials — Bipolar I Disorder (Manic or Mixed Episodes)

Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine with lithium or valproate (N=228)	Placebo with lithium or valproate (N=115)
Dry mouth	32	9
Weight gain	26	7
Increased appetite	24	8
Dizziness	14	7
Back pain	8	4
Constipation	18	4
Speech disorder	7	1
Increased salivation	6	2
Amnesia	5	2
Paresthesia	5	2

Adverse Reactions Occurring at an Incidence of 2% or More among Oral Olanzapine-Treated Patients in Short-Term Trials of Olanzapine as Adjunct to Lithium or Valproate
Table 14 enumerates the incidence, rounded to the nearest percent, of treatment-emergent adverse reactions that occurred in 2% or more of patients treated with the combination of olanzapine (doses ≤ 5 mg/day) and lithium or valproate and with incidence greater than lithium or valproate alone who participated in the acute phase of placebo-controlled combination trials.

Table 14: Treatment-Emergent Adverse Reactions: Incidence in Short-Term, Placebo-Controlled Clinical Trials of Oral Olanzapine as Adjunct to Lithium or Valproate

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine with lithium or valproate (N=228)	Placebo with lithium or valproate (N=115)
Body as a Whole		
Asthenia	18	13
Back pain	8	4
Accidental injury	4	2
Chest pain	3	2
Cardiovascular System		
Hypertension	2	1
Digestive System		
Dry mouth	32	9
Increased appetite	24	8
Thirst	10	6
Constipation	8	4
Increased salivation	6	2
Metabolic and Nutritional Disorders		
Weight gain	26	7
Peripheral edema	6	4
Edema	2	1
Nervous System		
Somnolence	52	27
Tremor	23	13
Depression	14	7
Dizziness	14	7
Speech disorder	7	1
Amnesia	5	2
Paresthesia	5	2
Apathy	4	3
Confusion	4	1
Euphoria	3	2
Incoordination	2	0
Respiratory System		
Pharyngitis	4	1
Dyspnea	3	1
Skin and Appendages		
Sweating	3	1
Acze	2	0
Dry skin	2	0
Special Senses		
Amblyopia	9	5
Abnormal vision	2	0
Urogenital System		
Dysmenorrhea*	2	0
Vaginitis*	2	0

The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing fixed doses of intramuscular olanzapine for injection with placebo in agitated patients with schizophrenia.

Table 15: Treatment-Emergent Adverse Reactions: Incidence in Short-Term, Placebo-Controlled Clinical Trials with Intramuscular Olanzapine for Injection in Agitated Patients with Schizophrenia

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine (N=415)	Placebo (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.2 Extrapyramidal Symptoms
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by categorical analyses of formal rating scales during acute therapy in a controlled clinical trial comparing oral olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 16: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.3 Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by categorical analyses of formal rating scales during acute therapy in a controlled clinical trial comparing oral olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 17: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.4 Postmarketing Experience
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 18: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.5 Postmarketing Experience
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 19: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.6 Postmarketing Experience
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 20: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.7 Postmarketing Experience
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 21: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

6.8 Postmarketing Experience
The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions during acute therapy in the same controlled clinical trial comparing olanzapine at 3 fixed doses with placebo in the treatment of schizophrenia in a 6-week trial.

Table 22: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia — Acute Phase

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine 5 ± 2.5 mg/day (N=65)	Placebo 15 ± 2.5 mg/day (N=150)
Body as a Whole		
Asthenia	2	1
Cardiovascular System		
Hypotension	2	0
Postural hypotension	1	0
Nervous System		
Somnolence	6	3
Dizziness	4	2
Tremor	1	0

The following table enumerates the percentage of adolescent patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneously reported adverse reactions during acute therapy (dose range: 2.5 to 20 mg/day).

Table 23: Treatment-Emergent Extrapyramidal Symptoms Assessed by Adverse Reactions Incidence in a Fixed Dosage Range, Placebo-Controlled Clinical Trial of Oral Olanzapine in Schizophrenia and Bipolar I Disorder — Adolescents

Categories*	Percentage of Patients Reporting Event	
	Placebo (N=49)	Olanzapine (N=178)
Dystonic events	0	1
Parkinsonism events	2	1
Akathisia events	4	6
Dyskinetic events	0	1
Non-specific events	0	4
Any extrapyramidal event	6	10

*Categories are based on Standard MedDRA Quaternary (SMQ) for extrapyramidal symptoms as defined in MedDRA version 12.0.

The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by categorical analyses of formal rating scales during controlled clinical trials comparing fixed doses of intramuscular olanzapine for injection with placebo in agitated patients in each dose group could receive up to 3 injections during the trials. (See Clinical Studies (14.3)) Patient assessments were conducted during the 24 hours following the initial dose of intramuscular olanzapine for injection.

Table 24: Treatment-Emergent Extrapyramidal Symptoms Assessed by Rating Scales Incidence in a Fixed Dose, Placebo-Controlled Clinical Trial of Intramuscular Olanzapine for Injection in Agitated Patients with Schizophrenia

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine Intramuscular 2.5 mg (N=45)	Placebo Intramuscular 2.5 mg (N=45)
Body as a Whole		
Asthenia*	0	0
Parkinsonism*	0	0
Akathisia*	0	0

*Percentage of patients with a Simpson-Angus Scale total score ≥ 3.
†Percentage of patients with a Barnes Akathisia Scale global score ≥ 2.

The following table enumerates the percentage of patients with treatment-emergent extrapyramidal symptoms as assessed by spontaneous reports adverse reactions in the same controlled clinical trial comparing fixed doses of intramuscular olanzapine for injection with placebo in agitated patients with schizophrenia.

Table 25: Treatment-Emergent Extrapyramidal Symptoms Assessed by Adverse Reactions Incidence in a Fixed Dose, Placebo-Controlled Clinical Trial of Intramuscular Olanzapine for Injection in Agitated Patients with Schizophrenia

Body System/Adverse Reaction	Percentage of Patients Reporting Event	
	Olanzapine Intramuscular 2.5 mg (N=45)	Placebo Intramuscular 2.5 mg (N=45)
Body as a Whole		
Asthenia*	0	0
Parkinsonism*	0	0
Akathisia events*	0	0
Dyskinetic events*	0	0
Residual events*	0	0
Any extrapyramidal events*	0	0

*Patients with the following COSTART terms were counted in this category: dystonia, generalized spasm, neck rigidity, oculogyric crisis, opisthotonos, torticollis.

*Patients with the following COSTART terms were counted in this category: akinesia, cogwheel rigidity, extrapyramidal syndrome, hypertonia, hypokinesia, masked faces, tremor.

*Patients with the following COSTART terms were counted in this category: akathisia, hyperkinesia.

*Patients with the following COSTART terms were counted in this category: buccolingual syndrome, choreoathetosis, dyskinesia, tardive dyskinesia.

*Patients with the following COSTART terms were counted in this category: movement disorder, myoclonus, twitching.

Dystonia, Class Effect: Symptoms of dystonia, prolonged abnormal contractions of muscle groups, may occur in susceptible individuals during the first few days of treatment. Dystonic symptoms include: spasm of the neck muscles, sometimes progressing to tightness of the throat, swallowing difficulty, difficulty breathing, and/or protrusion of the tongue. While these symptoms can occur at low doses, the frequency and severity are greater with high potency and at higher doses of first generation antipsychotics. In general, an elevated risk of acute dystonia may be observed in males and younger age groups receiving antipsychotics; however, events of dystonia have been reported infrequently (<1%) with olanzapine use.

6.3 Other Adverse Reactions
Other Adverse Reactions Observed During the Clinical Trial Evaluation of Oral Olanzapine
Following is a list of treatment-emergent adverse reactions reported by patients treated with oral olanzapine (all multiple doses ≥ 1 mg/day) in clinical trials. This listing is not intended to include reactions (1) already listed in previous tables or elsewhere in labeling, (2) for which a drug cause was remote, (3) which were so general as to be uninformative, (4) which were not considered to have significant clinical implications, or (5) which occurred at a rate equal to or less than placebo. Reactions are classified by body system using the following definitions: frequent adverse reactions are those occurring in at least 1/100 patients; infrequent adverse reactions are those occurring in 1/100 to 1/1000 patients; rare reactions are those occurring in fewer than 1/1000 patients.

• **Body as a Whole** — Infrequent asthenia, face edema, photosensitivity reaction, suicide attempt†, Rare: chills and fever, hangerover effect, sudden death.

• **Cardiovascular System** — Infrequent: cerebrovascular accident, vasodilatation.

• **Digestive System** — Infrequent: abnormal distention, nausea and vomiting, tongue edema; Rare: ileus, intestinal obstruction, liver fatty deposit.

• **Hemic and Lymphatic System** — Infrequent: thrombocytopenia.

• **Metabolic and Nutritional Disorders** — Frequent: alkaline phosphatase increased; Infrequent: bilirubinemia, hypoproteinemia.

• **Musculoskeletal System** — Rare: osteoporosis.

• **Nervous System** — Infrequent: ataxia, dysarthria, libido decreased, stupor, Rare: coma.

• **Respiratory System** — Infrequent: epistaxis; Rare: lung edema.

• **Skin and Appendages** — Infrequent: alopecia.

• **Special Senses** — Infrequent: abnormality of accommodation, dry eyes; Rare: mydriasis.

• **Urogenital System** — Infrequent: amenorrhea†, breast pain, decreased menstruation, impotence†, increased menstruation†, menorrhagia†, metrorrhagia†, polyuria†, urinary frequency, urinary retention, urinary urgency, urination impaired.

† These terms represent serious adverse events but do not meet the definition for adverse drug reactions. They are included here because of their seriousness.

‡ Adjusted for gender.

• **Body as a Whole** — Frequent: injection site pain.

• **Cardiovascular System** — Infrequent: syncope.

• **Digestive System** — Infrequent: nausea.

• **Metabolic and Nutritional Disorders** — Infrequent: creatine phosphokinase increased.

Other Adverse Reactions Observed During the Clinical Trial Evaluation of Intramuscular Olanzapine for Injection
Following is a list of treatment-emergent adverse reactions reported by patients treated with intramuscular olanzapine (all multiple doses ≥ 2.5 mg/injection) in clinical trials. This listing is not intended to include reactions (1) already listed in previous tables or elsewhere in labeling, (2) for which a drug cause was remote, (3) which were so general as to be uninformative, (4) which were not considered to have significant clinical implications, or (5) for which occurred at a rate equal to or less than placebo. Reactions are classified by body system using the following definitions: frequent adverse reactions are those occurring in at least 1/100 patients; infrequent adverse reactions are those occurring in 1/100 to 1/1000 patients; rare reactions are those occurring in fewer than 1/1000 patients.

• **Body as a Whole** — Frequent: injection site pain.

• **Cardiovascular System** — Infrequent: syncope.

• **Digestive System** — Infrequent: nausea.

• **Metabolic and Nutritional Disorders** — Infrequent: creatine phosphokinase increased.

Other Adverse Reactions Observed During the Clinical Trial Evaluation of Intramuscular Olanzapine for Injection
Following is a list of treatment-emergent adverse reactions reported by patients treated with intramuscular olanzapine (all multiple doses ≥ 2.5 mg/injection) in clinical trials. This listing is not intended to include reactions (1) already listed in previous tables or elsewhere in labeling, (2) for which a drug cause was remote, (3) which were so general as to be uninformative, (4) which were not considered to have significant clinical implications, or (5) for which occurred at a rate equal to or less than placebo. Reactions are classified by body system using the following definitions: frequent adverse reactions are those occurring in at least 1/100 patients; infrequent adverse reactions are those occurring in 1/100 to 1/1000 patients; rare reactions are those occurring in fewer than 1/1000 patients.

• **Body as a Whole** — Frequent: injection site pain.

• **Cardiovascular System** — Infrequent: syncope.

• **Digestive System** — Infrequent: nausea.

• **Metabolic and Nutritional Disorders** — Infrequent: creatine phosphokinase increased.

Other Adverse Reactions Observed During the Clinical Trial Evaluation of Intramuscular Olanzapine for Injection
Following is a list of treatment-emergent adverse reactions reported by patients treated with intramuscular olanzapine (all multiple doses ≥ 2.5 mg/injection) in clinical trials. This listing is not intended to include reactions (1) already listed in previous tables or elsewhere in labeling, (2) for which a drug cause was remote, (3) which were so general as to be uninformative, (4) which were not considered to have significant clinical implications, or (5) for which occurred at a rate equal to or less than placebo. Reactions are classified by body system using the following definitions: frequent adverse reactions are those occurring in at least 1/100 patients; infrequent adverse reactions are those occurring in 1/100 to 1/1000 patients; rare reactions are those occurring in fewer than 1/1000 patients.

• **Body as a Whole** — Frequent: injection site pain.

• **Cardiovascular System** — Infrequent: syncope.

• **Digestive System** — Infrequent: nausea.

• **Metabolic and Nutritional Disorders** — Infrequent: creatine phosphokinase increased.

Other Adverse Reactions Observed During the Clinical Trial Evaluation of Intramuscular Olanzapine for Injection
Following is a list of treatment-emergent adverse reactions reported by patients treated with intramuscular olanzapine (all multiple doses ≥ 2.5 mg/injection) in clinical trials. This listing is not intended to include reactions (1) already listed in previous tables or elsewhere in labeling, (2) for which a drug cause was remote, (3) which were so general as to be uninformative, (4) which were not considered to have significant clinical implications, or (5) for which occurred at a rate equal to or less than placebo. Reactions are classified by body system using the following definitions: frequent adverse reactions are those occurring in at least 1/100 patients; infrequent adverse reactions are those occurring in 1/100 to 1/1000 patients; rare reactions are those occurring in fewer than 1/1000 patients.

• **Body as a Whole** — Frequent: injection site pain.

• **Cardiovascular System** — Infrequent: syncope.

• **Digestive System** — Infrequent: nausea.

• **Metabolic and Nutritional Disorders** — Infrequent: creat