

ABILIFY ASIMTUFII®

Aripiprazole



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

Elderly patients with dementia-related psychosis treated with antipsychotic drugs are at an increased risk of death. ABILIFY ASIMTUFII is not approved for the treatment of patients with dementia-related psychosis [see Section 3.4 Special Warnings and Special Precautions for Use].

1. QUALITATIVE AND QUANTITATIVE COMPOSITION

Abilify Asimtufii 720 mg extended-release injectable suspension
Each pre-filled syringe contains 720 mg aripiprazole

Abilify Asimtufii 960 mg extended-release injectable suspension
Each pre-filled syringe contains 960 mg aripiprazole

For the full list of excipients, see section 5.1 List of Excipients.

2. PHARMACEUTICAL FORM

Extended-release injectable suspension: sterile, white to off-white, aqueous suspension in a single-dose, pre-filled syringe.

Table 1. ABILIFY ASIMTUFII Presentations

Dose Strength	Volume	Label Color	Syringe Tip Wrap
720 mg	2.4 mL	Light Blue	Aqua
960 mg	3.2 mL	Pink	Light Blue

3. CLINICAL PARTICULARS

3.1 Therapeutic Indications

ABILIFY ASIMTUFII is indicated:

- for the treatment of schizophrenia in adults
- for maintenance monotherapy treatment of bipolar I disorder in adults

3.2 Posology and Method of Administration

Important Administration Information

For patients who have never taken aripiprazole, establish tolerability with oral aripiprazole prior to initiating treatment with ABILIFY ASIMTUFII. Due to the half-life of oral aripiprazole, it may take up to 2 weeks to fully assess tolerability.

ABILIFY ASIMTUFII must be administered as an intramuscular gluteal injection by a healthcare professional. Do not administer by any other route.

For detailed information, see *Preparation and Administration Instructions*.

Posology

The recommended dosage of ABILIFY ASIMTUFII is 960 mg, administered once every 2 months (56 days after previous injection).

Patients Receiving Oral Antipsychotics

When ABILIFY ASIMTUFII injection is initiated in patients receiving oral aripiprazole, administer the first dose of ABILIFY ASIMTUFII along with oral aripiprazole (10 mg to 20 mg) for 14 consecutive days.

For patients already stable on another oral antipsychotic (and known to tolerate aripiprazole), administer the first ABILIFY ASIMTUFII injection along with the oral antipsychotic for 14 consecutive days.

Patients Receiving Abilify Maintena

For patients receiving Abilify Maintena 400 mg (once monthly dosing), administer ABILIFY ASIMTUFII 960 mg (once every 2 month dosing) in place of the next scheduled injection of the Abilify Maintena. The first ABILIFY ASIMTUFII injection may be administered in place of the second, or later injection of Abilify Maintena.

If there are adverse reactions with the ABILIFY ASIMTUFII 960 mg dosage, the dosage may be reduced to 720 mg once every 2 months.

Patients may be given the ABILIFY ASIMTUFII injection up to 2 weeks before or 2 weeks after the 2-month scheduled timepoint.

Missed Doses

If more than 8 weeks and less than 14 weeks have elapsed since the last injection, administer the next dose of ABILIFY ASIMTUFII as soon as possible. The once every 2 month schedule should be resumed.

If more than 14 weeks have elapsed since the last injection, restart concomitant oral aripiprazole for 14 days with the next administered injection of ABILIFY ASIMTUFII.

Dosage Modifications for Cytochrome P450 Considerations

Dosage adjustments for patients who are CYP2D6 poor metabolizers and/or in patients taking concomitant strong CYP3A4 inhibitors or CYP2D6 inhibitors for more than 14 days are described in Table 2.

If the CYP3A4 inhibitor or CYP2D6 inhibitor is withdrawn, the dosage of ABILIFY ASIMTUFII may need to be increased to the previous dose.

Dosage adjustments are not recommended for patients with concomitant use of CYP3A4 inhibitors, CYP2D6 inhibitors or CYP3A4 inducers for less than 14 days.

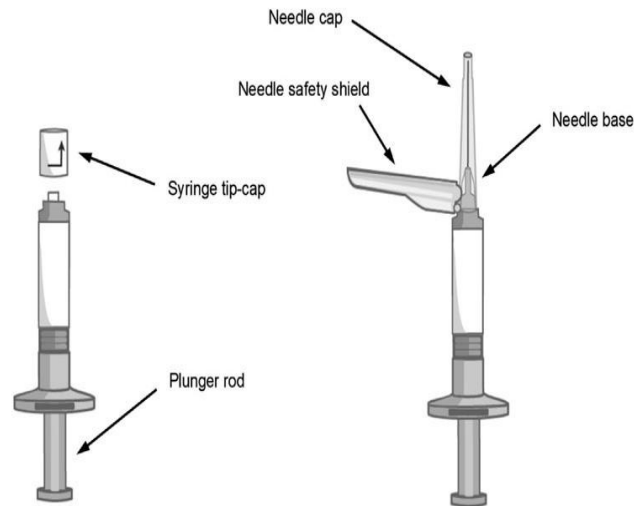
Table 2: Dosage Recommendations for ABILIFY ASIMTUFII in Patients Who are Known CYP2D6 Poor Metabolizers, Patients Taking Concomitant CYP2D6 Inhibitors, 3A4 Inhibitors, or CYP3A4 Inducers for Greater than 14 days

Factors	Dosage Recommendation
CYP2D6 Poor Metabolizers	
Known CYP2D6 Poor Metabolizers	720 mg once every 2 months
Known CYP2D6 Poor Metabolizers taking concomitant CYP3A4 inhibitors	Avoid use
Patients Taking 960 mg of ABILIFY ASIMTUFII	
Concomitant use of ABILIFY ASIMTUFII with Strong CYP2D6 inhibitors	720 mg once every 2 months
Concomitant use of ABILIFY ASIMTUFII with Strong CYP3A4 inhibitors	720 mg once every 2 months
Concomitant use of ABILIFY ASIMTUFII with Strong CYP2D6 and Strong CYP3A4 inhibitors	Avoid use
Concomitant use of ABILIFY ASIMTUFII with CYP3A4 inducers	Avoid use

Preparation and Administration Instructions

- Read the complete instructions for preparation and administration below and consider referring to the separate Healthcare Provider "Instructions for Use" for additional preparation and administration considerations.
- To be prepared and administered by a healthcare professional only.
- For gluteal intramuscular injection only. Do not administer by any other route.
- Prior to administration, visually inspect ABILIFY ASIMTUFII pre-filled syringe for particulate matter and discoloration. The suspension should appear to be a uniform, homogeneous suspension that is opaque and milky-white in color. Do not use ABILIFY ASIMTUFII pre-filled syringe if the suspension is discolored, or particulate matter is present
 - Each kit contains one sterile pre-filled syringe containing ABILIFY ASIMTUFII 720 mg or 960 mg and two safety needles:

- One sterile 1 ½ inch, 22 gauge needle (in black packaging)
- One sterile 2 inch, 21 gauge needle (in green packaging)



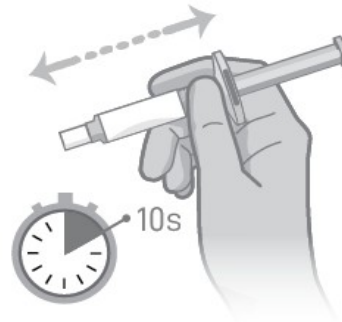
Preparation Prior to Administration

- Remove the ABILIFY ASIMTUFII pre-filled syringe from the package.
- Tap the syringe on your hand at least 10 (ten) times (Figure 1).
- After tapping, shake the syringe vigorously for at least 10 (ten) seconds, until the medication is uniform (Figure 2).

Figure 1



Figure 2



Select the appropriate needle

Needle selection is determined by patient body type.

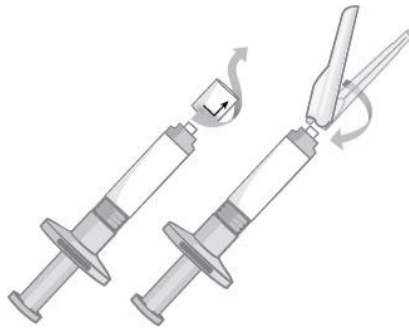
For gluteal intramuscular administration only.

- For non-obese patients - 22-gauge, 1.5-inch (38 mm) safety needle with needle protection device (needle in black packaging)
- For obese patients - 21-gauge, 2-inch (51 mm) safety needle with needle protection device (needle in green packaging)

Attach the needle

- Twist and pull off the pre-filled syringe tip-cap (Figure 3).
- While holding the base of the needle, ensure the needle is firmly seated on the safety device with a push. Gently twist clockwise until SECURELY fitted (Figure 3).

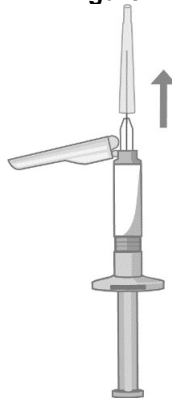
Figure 3



Expel Air

- When you are ready to administer the injection of ABILIFY ASIMTUFII, hold the pre-filled syringe upright and remove the needle-cap straight up (Figure 4). Do not twist the needle-cap, as this may loosen the needle from the syringe.

Figure 4



- Slowly advance the plunger rod upward to expel the air and until the suspension fills needle base (Figure 5).

Figure 5



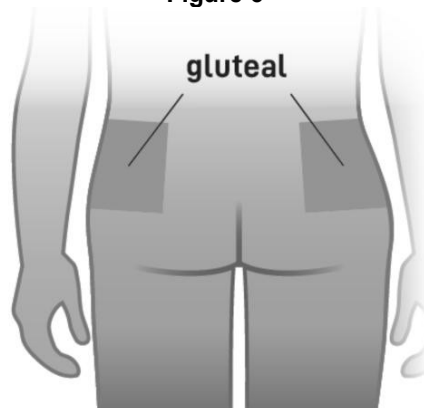
Inject the dose

- Slowly inject the entire contents of the pre-filled syringe intramuscularly into the gluteal muscle of the patient (Figure 6).

Do not administer by any other route.

Do not massage the injection site.

Figure 6



Disposal Procedure

- After the injection, press the safety shield on a hard surface to cover and lock shield over the needle (Figures 7 and 8)

Figure 7



Figure 8



- Immediately discard used syringe and the unused needle in an approved sharps container.
- The unused needle should not be saved for future use.

Special populations

Pediatric Use

Safety and effectiveness of ABILIFY ASIMTUFII in pediatric patients (18 years of age or younger) have not been established.

Geriatric Use

Clinical studies of ABILIFY ASIMTUFII did not include sufficient numbers of subjects aged 65 years and over to determine whether they respond differently from younger subjects. Other reported clinical experience and pharmacokinetic data have not identified differences in responses between the elderly and younger patients [see Section 4.2]. In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

In single-dose and multiple-dose pharmacokinetic studies with oral aripiprazole, there was no detectable age effect in the population pharmacokinetic analysis in schizophrenia patients [see Section 4.2]. No dosage adjustments are recommended based on age alone. ABILIFY ASIMTUFII is not approved for the treatment of patients with dementia-related psychosis [see also Section 3.4.].

CYP2D6 Poor Metabolizers

Dosage adjustment is recommended in known CYP2D6 poor metabolizers due to high aripiprazole concentrations. Approximately 8% of Caucasians and 3% to 8% of Black/African Americans cannot metabolize CYP2D6 substrates and are classified as poor metabolizers (PM) [see Dosage Modifications for Cytochrome P450 Considerations].

Renal Impairment

No dosage adjustment for ABILIFY ASIMTUFII is required on the basis of a patient's renal function (mild to severe renal impairment, glomerular filtration rate between 15 and 90 mL/minute) [see Section 3.2.].

Hepatic Impairment

No dosage adjustment for ABILIFY ASIMTUFII is required on the basis of a patient's hepatic function (mild to severe hepatic impairment, Child-Pugh score between 5 and 15).

3.3 Contraindications

ABILIFY ASIMTUFII is contraindicated in patients with a known hypersensitivity to aripiprazole, or any of the excipients. Hypersensitivity reactions ranging from pruritus/urticaria to anaphylaxis have been reported in patients receiving aripiprazole [see 3.8 *Undesirable Effects*].

3.4 Special Warnings and Special Precautions for Use

Increased Mortality in Elderly Patients with Dementia-Related Psychosis

Elderly patients with dementia-related psychosis treated with antipsychotic drugs are at an increased risk of death. Analyses of 17 placebo-controlled trials (modal duration of 10 weeks), largely in patients taking atypical antipsychotic drugs, revealed a risk of death in drug-treated patients of between 1.6 to 1.7 times the risk of death in placebo-treated patients. Over the course of a typical 10-week controlled trial, the rate of death in drug-treated patients was about 4.5%, compared to a rate of about 2.6% in the placebo group.

Although the causes of death were varied, most of the deaths appeared to be either cardiovascular (e.g., heart failure, sudden death) or infectious (e.g., pneumonia) in nature. Observational studies suggest that, similar to atypical antipsychotic drugs, treatment with conventional antipsychotic drugs may increase mortality. The extent to which the findings of increased mortality in observational studies may be attributed to the antipsychotic drug as opposed to some characteristic(s) of the patients is not clear.

ABILIFY ASIMTUFII is not approved for the treatment of patients with dementia-related psychosis.

Cerebrovascular Adverse Reactions, Including Stroke in Elderly Patients with Dementia-Related Psychosis

In placebo-controlled clinical studies (two flexible-dose and one fixed-dose study) of dementia-related psychosis, there was an increased incidence of cerebrovascular adverse reactions (e.g., stroke, transient ischemic attack), including fatalities, in oral aripiprazole-treated patients (mean age: 84 years; range: 78 to 88 years). In the fixed-dose study, there was a statistically significant dose response relationship for cerebrovascular adverse reactions in patients treated with oral aripiprazole. ABILIFY ASIMTUFII is not approved for the treatment of patients with dementia-related psychosis [see Section *Increased Mortality in Elderly Patients with Dementia-Related Psychosis*].

Neuroleptic Malignant Syndrome

Neuroleptic Malignant Syndrome (NMS), a potentially fatal symptom complex has been reported with antipsychotic drugs, including aripiprazole. Rare cases of NMS have been reported during aripiprazole treatment in the global clinical database.

Clinical manifestations of NMS are hyperpyrexia, muscle rigidity, altered mental status, and evidence of autonomic instability (irregular pulse or blood pressure, tachycardia, diaphoresis, and cardiac dysrhythmia). Additional signs may include elevated creatine phosphokinase, myoglobinuria (rhabdomyolysis) and acute renal failure.

If NMS is suspected, immediately discontinue ABILIFY ASIMTUFII and provide symptomatic treatment and monitoring.

The diagnostic evaluation of patients with this syndrome is complicated. In arriving at a diagnosis, it is important to exclude cases where the clinical presentation includes both serious medical illness (e.g., pneumonia, systemic infection) and untreated or inadequately treated extrapyramidal signs and symptoms (EPS). Other important considerations in the differential diagnosis include central anticholinergic toxicity, heat stroke, drug fever, and primary central nervous system pathology.

The management of NMS should include: 1) immediate discontinuation of antipsychotic drugs and other drugs not essential to concurrent therapy; 2) intensive symptomatic treatment and medical monitoring; and 3) treatment of any concomitant serious medical problems for which specific treatments are

available. There is no general agreement about specific pharmacological treatment regimens for uncomplicated NMS.

If a patient requires antipsychotic drug treatment after recovery from NMS, the potential reintroduction of drug therapy should be carefully considered. The patient should be carefully monitored, since recurrences of NMS have been reported.

Tardive Dyskinesia

Tardive dyskinesia, a syndrome of potentially irreversible, involuntary, dyskinetic movements may develop in patients treated with antipsychotic drugs. Although the prevalence of the syndrome appears to be highest among the elderly, especially elderly women, it is impossible to predict which patients will develop the syndrome. Whether antipsychotic drug products differ in their potential to cause tardive dyskinesia is unknown.

The risk of developing tardive dyskinesia and the likelihood that it will become irreversible appear to increase as the duration of treatment and the total cumulative dose increases. The syndrome can develop, after relatively brief treatment periods at low doses. It may also occur after discontinuation of treatment.

Tardive dyskinesia may remit, partially or completely, if antipsychotic treatment is discontinued. Antipsychotic treatment itself may suppress (or partially suppress) the signs and symptoms of the syndrome and may mask the underlying process. The effect of symptomatic suppression on the long-term course of the syndrome is unknown.

Given these considerations, ABILIFY ASIMTUFII should be prescribed in a manner that is most likely to minimize the occurrence of tardive dyskinesia. Chronic antipsychotic treatment should generally be reserved for patients who suffer from a chronic illness that 1) is known to respond to antipsychotic drugs and 2) for whom alternative, equally effective, but potentially less harmful treatments are not available or appropriate. In patients who do require chronic treatment, the smallest dose and the shortest duration of treatment producing a satisfactory clinical response should be sought. The need for continued treatment should be reassessed periodically.

If signs and symptoms of tardive dyskinesia appear in a patient treated with ABILIFY ASIMTUFII, drug discontinuation should be considered.

Metabolic Changes

Atypical antipsychotic drugs have been associated with metabolic changes including hyperglycemia/diabetes mellitus, dyslipidemia, and body weight gain. While all drugs in the class have been shown to produce some metabolic changes, each drug has its own specific risk profile.

1. Hyperglycemia/Diabetes Mellitus

Hyperglycemia, in some cases extreme and associated with diabetic ketoacidosis, hyperosmolar coma, or death, have been reported in patients treated with atypical antipsychotics. There have been reports of hyperglycemia in patients treated with aripiprazole [see Section 3.8.]. Assessment of the relationship between atypical antipsychotic use and glucose abnormalities is complicated by the possibility of an increased background risk of diabetes mellitus in patients with schizophrenia and the increasing incidence of diabetes mellitus in the general population. Given these confounders, the relationship between atypical antipsychotic use and hyperglycemia-related adverse reactions is not completely understood. However, epidemiological studies suggest an increased risk of hyperglycemia-related adverse reactions in patients treated with the atypical antipsychotics.

Patients with an established diagnosis of diabetes mellitus who are started on atypical antipsychotics, including ABILIFY ASIMTUFII, should be monitored regularly for worsening of glucose control. Patients with risk factors for diabetes mellitus (e.g., obesity, family history of diabetes), who are starting treatment with atypical antipsychotics should undergo fasting blood glucose testing at the beginning of treatment and periodically during treatment. Any patient treated with atypical antipsychotics, including ABILIFY ASIMTUFII, should be monitored for symptoms of hyperglycemia including polydipsia, polyuria, polyphagia, and weakness. Patients who develop symptoms of hyperglycemia during treatment with atypical antipsychotics, including ABILIFY ASIMTUFII, should undergo fasting blood glucose testing. In some cases, hyperglycemia has resolved when the atypical antipsychotic was discontinued; however, some patients required continuation of anti-diabetic treatment despite discontinuation of the atypical antipsychotic drug.

In a short-term, placebo-controlled randomized trial in adults with schizophrenia, the mean change in fasting glucose was +9.8 mg/dL (N=88) in the Abilify Maintena-treated patients (once monthly dosing) and +0.7 mg/dL (N=59) in the placebo-treated patients. Table 3 shows the proportion of Abilify

Maintena-treated patients with normal and borderline fasting glucose at baseline and their changes in fasting glucose measurements.

Table 3: Proportion of Patients with Potential Clinically Relevant Changes in Fasting Glucose from a 12-Week Placebo-Controlled Monotherapy Trial with Abilify Maintena in Adult Patients with Schizophrenia

	Category Change (at least once) from Baseline	Treatment Arm	n/N*	%
Fasting Glucose	Normal to High (<100 mg/dL to ≥ 126 mg/dL)	Abilify Maintena	7/88	8.0
		Placebo	0/75	0.0
	Borderline to High (≥ 100 mg/dL and <126 mg/dL to ≥ 126 mg/dL)	Abilify Maintena	1/33	3.0
		Placebo	3/33	9.1

*N = the total number of subjects who had a measurement at baseline and at least one post-baseline result. n = the number of subjects with a potentially clinically relevant shift.

During a 52-week, open-label bipolar I disorder study in those patients who initiated Abilify Maintena treatment, 1.1% with normal baseline fasting glucose experienced a shift to high while receiving Abilify Maintena and 9.8% with borderline fasting glucose experienced a shift to high. Combined, 2.9% of these patients with normal or borderline fasting glucose experienced shifts to high fasting glucose during this trial.

2. Dyslipidemia

Undesirable alterations in lipids have been observed in patients treated with atypical antipsychotics.

Table 4 shows the proportion of adult patients from one short-term, placebo-controlled randomized trial in adults with schizophrenia taking Abilify Maintena (once monthly dosing), with changes in total cholesterol, fasting triglycerides, fasting LDL cholesterol and HDL cholesterol.

Table 4: Proportion of Patients with Potential Clinically Relevant Changes in Blood Lipid Parameters From a 12-Week Placebo-Controlled Monotherapy Trial with Abilify Maintena in Adults with Schizophrenia

	Treatment Arm	n/N*	%
Total Cholesterol Normal to High (<200 mg/dL to ≥ 240 mg/dL)	Abilify Maintena	3/83	3.6
	Placebo	2/73	2.7
Borderline to High ($200 \sim <240$ mg/dL to ≥ 240 mg/dL)	Abilify Maintena	6/27	22.2
	Placebo	2/19	10.5
Any increase (≥ 40 mg/dL)	Abilify Maintena	15/122	12.3
	Placebo	6/110	5.5
Fasting Triglycerides Normal to High (<150 mg/dL to ≥ 200 mg/dL)	Abilify Maintena	7/98	7.1
	Placebo	4/78	5.1
Borderline to High ($150 \sim <200$ mg/dL to ≥ 200 mg/dL)	Abilify Maintena	3/11	27.3
	Placebo	4/15	26.7
Any increase (≥ 50 mg/dL)	Abilify Maintena	24/122	19.7
	Placebo	20/110	18.2
Fasting LDL Cholesterol Normal to High (<100 mg/dL to ≥ 160 mg/dL)	Abilify Maintena	1/59	1.7
	Placebo	1/51	2.0
Borderline to High ($100 \sim <160$ mg/dL to ≥ 160 mg/dL)	Abilify Maintena	5/52	9.6
	Placebo	1/41	2.4
Any increase (≥ 30 mg/dL)	Abilify Maintena	17/120	14.2
	Placebo	9/103	8.7
HDL Cholesterol Normal to Low (≥ 40 mg/dL to <40 mg/dL)	Abilify Maintena	14/104	13.5
	Placebo	11/87	12.6
	Abilify Maintena	7/122	5.7

	Treatment Arm	n/N*	%
Any decrease (≥20 mg/dL)	Placebo	12/110	10.9

*N = the total number of subjects who had a measurement at baseline and at least one post-baseline result. n = the number of subjects with a potentially clinically relevant shift.

During a 52-week, open-label bipolar I disorder study in those patients who initiated Abilify Maintena, shifts from baseline in fasting cholesterol from normal to high were reported in 2.1% (total cholesterol) and 2.2% (LDL cholesterol) and shifts from baseline from normal to low were reported in 8.5% (HDL cholesterol). Of these patients with normal baseline triglycerides, 3.6% experienced shifts to high, and 0.0% experienced shifts to very high. Combined, 1.0% of these patients with normal or borderline fasting triglycerides experienced shifts to very high fasting triglycerides during this trial.

3. Weight Gain

Weight gain has been observed with atypical antipsychotic use. Clinical monitoring of weight is recommended.

In one short-term, placebo-controlled trial in adult patients with schizophrenia with Abilify Maintena (once monthly dosing), the mean change in body weight at Week 12 was +3.5 kg (N=99) in the Abilify Maintena-treated patients and +0.8 kg (N=66) in the placebo-treated patients.

Table 5 shows the percentage of adult patients with schizophrenia with weight gain ≥7% of body weight in a short-term, placebo-controlled trial with Abilify Maintena.

Table 5: Percentage of Patients From a 12-Week Placebo-Controlled Trial with Abilify Maintena in Adult Patients with Schizophrenia with Weight Gain ≥7% of Body Weight

	Treatment Arm	N*	Patients n (%)
Weight gain ≥7% of body weight	Abilify Maintena	144	31 (21.5)
	Placebo	141	12 (8.5)

*N = the total number of subjects who had a measurement at baseline and at least one post-baseline result.

During a 52-week, open-label bipolar I disorder study in those patients who initiated Abilify Maintena, 1.8% discontinued Abilify Maintena treatment due to weight increase. Abilify Maintena was associated with mean increase from baseline in weight of 1.0 kg at Week 52. In this trial, 21.4% of these patients demonstrated ≥7% increase in body weight and 15.4% demonstrated a ≥7% decrease in body weight.

Pathological Gambling and Other Compulsive Behaviors

Post-marketing case reports suggest that patients can experience intense urges, particularly for gambling, and the inability to control these urges while taking aripiprazole. Other compulsive urges, reported less frequently, include: sexual urges, shopping, eating or binge eating, and other impulsive or compulsive behaviors. Because patients may not recognize these behaviors as abnormal, it is important for prescribers to ask patients or their caregivers specifically about the development of new or intense gambling urges, compulsive sexual urges, compulsive shopping, binge or compulsive eating, or other urges while being treated with aripiprazole. It should be noted that impulse-control symptoms can be associated with the underlying disorder. In some cases, although not all, urges were reported to have stopped when the dose was reduced, or the medication was discontinued. Compulsive behaviors may result in harm to the patient and others if not recognized. Consider dose reduction or stopping the medication if a patient develops such urges.

Orthostatic Hypotension and Syncope

ABILIFY ASIMTUFII may cause orthostatic hypotension, perhaps due to its α1-adrenergic receptor antagonism. Associated reactions related to orthostatic hypotension can include dizziness, tachycardia, and in some patients, syncope. In the short-term, placebo-controlled trial in adults with schizophrenia, the adverse reaction of presyncope was reported in 1/167 (0.6%) of patients treated with Abilify Maintena (once monthly dosing), while syncope and orthostatic hypotension were each reported in 1/172 (0.6%) of patients treated with placebo. During the stabilization phase of the randomized-withdrawal (maintenance) study in adult patients with schizophrenia, orthostasis-related adverse events were reported in 4/576 (0.7%) of patients treated with Abilify Maintena, including abnormal orthostatic blood pressure (1/576, 0.2%), postural dizziness (1/576, 0.2%), presyncope (1/576, 0.2%) and orthostatic hypotension (1/576, 0.2%).

In the short-term placebo-controlled trial of Abilify Maintena in adults with schizophrenia, there were no patients in either treatment group with a significant orthostatic change in blood pressure (defined as a

decrease in systolic blood pressure ≥ 20 mmHg accompanied by an increase in heart rate ≥ 25 bpm when comparing standing to supine values). During the stabilization phase of the randomized-withdrawal (maintenance) study in adult patients with schizophrenia, the incidence of significant orthostatic change in blood pressure was 0.2% (1/575).

Use ABILIFY ASIMTUFII with caution in patients with known cardiovascular disease (heart failure, history of myocardial infarction or ischemia, conduction abnormalities), cerebrovascular disease, or conditions that predispose the patient to hypotension (e.g., dehydration, hypovolemia, and treatment with antihypertensive medications). Monitoring of orthostatic vital signs should be considered in patients who are vulnerable to hypotension.

During the stabilization phase of the maintenance trial in adult patients with bipolar I disorder, syncope was the only orthostatic related adverse event reported in 0.2% of patients treated with ABILIFY MAINTENA. Incidence of potential clinically relevant orthostatic hypotension reported during the ABILIFY MAINTENA stabilization phase in bipolar I disorder was 0.2% (1/421) and during the double-blind, placebo-controlled phase, there were no differences reported in either treatment group. The incidence of orthostatic hypotension-associated events from short-term, placebo-controlled trials of adult patients on oral aripiprazole (n=2643) included (aripiprazole incidence, placebo incidence): orthostatic hypotension (1.0%, 0.3%), postural dizziness (0.5%, 0.3%), and syncope (0.5%, 0.3%).

Falls

Antipsychotics, including ABILIFY ASIMTUFII, may cause somnolence, postural hypotension, motor and sensory instability which may lead to falls and, consequently, fractures or other fall-related injuries. For patients with diseases, conditions, or medications that could exacerbate these effects, complete fall risk assessments when initiating antipsychotic treatment and recurrently for patients on long-term antipsychotic therapy.

Leukopenia, Neutropenia, and Agranulocytosis

In clinical trials and post-marketing experience, leukopenia and neutropenia have been reported temporally related to antipsychotic agents, including aripiprazole. Agranulocytosis has also been reported [see Section 3.8].

Possible risk factors for leukopenia/neutropenia include pre-existing low white blood cell count (WBC) absolute neutrophil count (ANC) and a history of drug-induced leukopenia/neutropenia. In patients with a history of a clinically significant low WBC/ANC or drug-induced leukopenia/neutropenia, perform a complete blood count (CBC) frequently during the first few months of therapy. In such patients, consider discontinuation of ABILIFY ASIMTUFII at the first sign of a clinically significant decline in WBC in the absence of other causative factors.

Monitor patients with clinically significant neutropenia for fever or other symptoms or signs of infection and treat promptly if such symptoms or signs occur. Discontinue ABILIFY ASIMTUFII in patients with severe neutropenia (ANC<1000/mm³) and follow their WBC counts until recovery.

Seizures

As with other antipsychotic drugs, use ABILIFY ASIMTUFII cautiously in patients with a history of seizures or other conditions that potentially lower the seizure threshold. Conditions that lower the seizure threshold may be more prevalent in a population of 65 years or older.

Body Temperature Regulation

Disruption of the body's ability to reduce core body temperature has been attributed to antipsychotic agents. Appropriate care is advised when prescribing ABILIFY ASIMTUFII for patients who will be experiencing conditions which may contribute to an elevation in core body temperature, (e.g., exercising strenuously, exposure to extreme heat, receiving concomitant medication with anticholinergic activity, or being subject to dehydration).

Dysphagia

Esophageal dysmotility and aspiration have been associated with antipsychotic drug use, including aripiprazole. ABILIFY ASIMTUFII and other antipsychotic drugs should be used cautiously in patients at risk for aspiration.

QT Interval

In clinical trials with ABILIFY MAINTENA, the incidence of QT prolongation was comparable to placebo. In post-marketing experience, QT prolongation has been reported very rarely with aripiprazole treatment. As with other antipsychotics, aripiprazole should be used with caution in patients with conditions such as congenital long QT syndrome and acquired long QT syndrome (e.g., due to concomitant use of a drug that prolongs the QT); a family history of QT prolongation; or other clinical conditions that predispose to arrhythmias (e.g., hypokalemia or hypomagnesemia or hypocalcemia).

Venous Thromboembolism

Venous thromboembolism (VTE), including fatal pulmonary embolism, has been reported with antipsychotic drugs, including oral aripiprazole, in case reports and/or observational studies. When prescribing ABILIFY ASIMTUFII all potential risk factors for VTE should be identified and preventative measures undertaken.

Priapism

Although no cases of priapism were reported in clinical trials with ABILIFY MAINTENA, rare cases of priapism have been reported with antipsychotic use including oral aripiprazole. As with other psychotropic drugs, this adverse reaction did not appear to be dose-dependent and did not correlate with the duration of treatment.

Akathisia

The presentation of akathisia may be variable and comprises subjective complaints of restlessness and an overwhelming urge to move and either distress or motor phenomena (such as pacing, swinging of the legs while seated, rocking from foot to foot), or both. Particular attention should be paid to the monitoring for such symptoms and signs as, left untreated, akathisia is associated with poor compliance and an increased risk of relapse.

3.5 Interaction with Other Medicinal Products and Other Forms of Interaction

Drugs Having Clinically Important Interactions with ABILIFY ASIMTUFII

Table 6 presents clinically significant drug interactions with ABILIFY ASIMTUFII.

Table 6: Clinically Important Drug Interactions with ABILIFY ASIMTUFII

Strong CYP3A4 Inhibitors AND/OR strong CYP2D6 inhibitors	
Clinical Rationale	Concomitant use of oral aripiprazole with strong CYP3A4 AND/OR CYP2D6 inhibitors increased the exposure of aripiprazole [see Section 4.2].
Clinical Recommendation	<u>Concomitant use of a strong CYP3A4 inhibitor OR a strong CYP2D6 inhibitor</u> Reduce the dosage of ABILIFY ASIMTUFII when administered concomitantly with a strong CYP3A4 inhibitor OR a strong CYP2D6 inhibitor for more than 14 days [see Section 3.2].
Strong CYP3A4 Inducers	
Clinical Rationale	Concomitant use of oral aripiprazole and carbamazepine decreased the exposure of aripiprazole [see Section 4.2].
Clinical Recommendation	Avoid use of ABILIFY ASIMTUFII in combination with a strong CYP3A4 inducer (e.g., carbamazepine) for greater than 14 days [see Section 3.2].

Antihypertensive Drugs	
Clinical Rationale	Due to its alpha-adrenergic antagonism, aripiprazole has the potential to enhance the effect of certain antihypertensive agents.
Clinical Recommendation	Monitor blood pressure and adjust dose accordingly [see <i>Section 3.4.</i>]
Benzodiazepines	
Clinical Rationale	The intensity of sedation was greater with the combination of oral aripiprazole and lorazepam as compared to that observed with aripiprazole alone. The orthostatic hypotension observed was greater with the combination as compared to that observed with lorazepam alone [see <i>Section 3.4.</i>]
Clinical Recommendation	Monitor sedation and blood pressure. Adjust dose accordingly.

Drugs Having No Clinically Important Interactions with ABILIFY ASIMTUFII

Based on pharmacokinetic studies with oral aripiprazole, no dosage adjustment of ABILIFY ASIMTUFII is required when administered concomitantly with famotidine, valproate, lithium, lorazepam [see *Section 4.2.*]

In addition, no dosage adjustment is necessary for substrates of CYP2D6, CYP2C9, CYP2C19, or CYP3A4 when coadministered with ABILIFY ASIMTUFII. Additionally, no dosage adjustment is necessary for valproate, lithium, lamotrigine, lorazepam, or sertraline when coadministered with ABILIFY ASIMTUFII [see *Section 4.2.*]

3.6 Fertility, Pregnancy, and Lactation

Pregnancy

Risk Summary

Neonates exposed to antipsychotic drugs, including ABILIFY ASIMTUFII, during the third trimester of pregnancy are at risk for extrapyramidal and/or withdrawal symptoms (see *Clinical Considerations*). There are insufficient data with ABILIFY ASIMTUFII use in pregnant women to inform a drug-associated risk.

In animal reproduction studies, oral and intravenous aripiprazole administration during organogenesis in rats and/or rabbits at doses 10 and 11 times, respectively, the maximum recommended human oral dose (MRHD) produced fetal death, decreased fetal weight, undescended testicles, delayed skeletal ossification, skeletal abnormalities, and diaphragmatic hernia. Oral and intravenous aripiprazole administration during the pre- and post-natal period in rats at doses 10 times the oral MRHD produced prolonged gestation, stillbirths, decreased pup weight, and decreased pup survival (see *Data*). Consider the benefits and risks of ABILIFY ASIMTUFII and possible risks to the fetus when prescribing ABILIFY ASIMTUFII to a pregnant woman. Advise pregnant women of potential fetal risk.

The background risk of major birth defects and miscarriage for the indicated population are unknown. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2 to 4% and 15 to 20%, respectively.

Clinical Considerations

Fetal/Neonatal Adverse Reactions

Extrapyramidal and/or withdrawal symptoms, including agitation, hypertonia, hypotonia, tremor, somnolence, respiratory distress and feeding disorder have been reported in neonates who were exposed to antipsychotic drugs, including oral aripiprazole, during the third trimester of pregnancy. These symptoms have varied in severity. Some neonates recovered within hours or days without specific treatment; others required prolonged hospitalization. Monitor neonates exhibiting extrapyramidal and/or withdrawal symptoms and manage symptoms appropriately.

Data

Animal Data

In animal oral or intravenous studies, aripiprazole demonstrated developmental toxicity, including possible teratogenic effects in rats and rabbits.

Pregnant rats were treated with oral doses of 3, 10, and 30 mg/kg/day which are approximately 1 to 10 times the oral MRHD of 30 mg/day on mg/m² basis of aripiprazole during the period of organogenesis.

Treatment at the highest dose caused a slight prolongation of gestation and delay in fetal development, as evidenced by decreased fetal weight and undescended testes. Delayed skeletal ossification was observed at 3 and 10 times the oral MRHD on mg/m² basis.

At 3 and 10 times the oral MRHD on mg/m² basis, delivered offspring had decreased body weights. Increased incidences of hepatodiaphragmatic nodules and diaphragmatic hernia were observed in offspring from the highest dose group (the other dose groups were not examined for these findings). Postnatally, delayed vaginal opening was seen at 3 and 10 times the oral MRHD on mg/m² basis and impaired reproductive performance (decreased fertility rate, corpora lutea, implants, live fetuses, and increased post-implantation loss, likely mediated through effects on female offspring) along with some maternal toxicity were seen at the highest dose; however, there was no evidence to suggest that these developmental effects were secondary to maternal toxicity.

In pregnant rats treated with aripiprazole intravenously at doses of 3, 9, and 27 mg/kg/day, which are 1 to 9 times the oral MRHD on mg/m² basis, during the period of organogenesis, decreased fetal weight and delayed skeletal ossification were seen at the highest dose which also caused maternal toxicity. In pregnant rabbits treated with oral doses of 10, 30, and 100 mg/kg/day which are 2 to 11 times human exposure at the oral MRHD based on AUC and 6 to 65 times the oral MRHD of aripiprazole on mg/m² basis during the period of organogenesis, decreased maternal food consumption and increased abortions were seen at the highest dose as well as increased fetal mortality. Decreased fetal weight and increased incidence of fused sternebrae were observed at 3 and 11 times the oral MRHD based on AUC.

In pregnant rabbits receiving aripiprazole injection intravenously at doses of 3, 10, and 30 mg/kg/day, which are 2 to 19 times the oral MRHD on mg/m² basis during the period of organogenesis, the highest dose caused pronounced maternal toxicity that resulted in decreased fetal weight, increased fetal abnormalities (primarily skeletal), and decreased fetal skeletal ossification. The fetal no-effect dose was 5 times the human exposure at the oral MRHD based on AUC and is 6 times the oral MRHD on mg/m² basis.

In rats treated with oral doses of 3, 10, and 30 mg/kg/day, which are 1 to 10 times the oral MRHD of aripiprazole on a mg/m² basis, peri- and post-natally (from Day 17 of gestation through Day 21 postpartum), slight maternal toxicity and slightly prolonged gestation were seen at the highest dose. An increase in stillbirths and decreases in pup weight (persisting into adulthood) and survival were also seen at this dose.

In rats treated with aripiprazole intravenously at doses of 3, 8, and 20 mg/kg/day which are 1 to 6 times the oral MRHD on mg/m² basis from Day 6 of gestation through Day 20 postpartum, increased stillbirths were seen at 3 and 6 times the oral MRHD on mg/m² basis, and decreases in early postnatal pup weight and survival were seen at the highest dose; these doses produced some maternal toxicity. There were no effects on postnatal behavioral and reproductive development.

Breastfeeding

Risk Summary

Aripiprazole is present in human breast milk; however, there are insufficient data to assess the amount in human milk, the effects on the breastfed infant, or the effects on milk production. The development and health benefits of breastfeeding should be considered along with the mother's clinical need for ABILIFY ASIMTUFII and any potential adverse effects on the breastfed infant from ABILIFY ASIMTUFII or from the underlying maternal condition.

3.7 Effects on Ability to Drive and Use Machines

Potential for Cognitive and Motor Impairment

ABILIFY ASIMTUFII, like other antipsychotics, may impair judgment, thinking, or motor skills. Instruct patients to be cautious about performing activities that require mental alertness such as operating hazardous machinery or operating a motor vehicle, until they are reasonably certain that therapy with ABILIFY ASIMTUFII does not affect them adversely.

3.8 Undesirable Effects

The following adverse reactions are discussed in more detail in other sections of the labeling:

- Increased Mortality in Elderly Patients with Dementia - Related Psychosis Use [see Section 3.4.]
- Cerebrovascular Adverse Reactions, Including Stroke in Elderly Patients with Dementia-Related Psychosis [see Section 3.4.]
- Neuroleptic Malignant Syndrome [see Section 3.4.]]
- Tardive Dyskinesia [see Section 3.4.]
- Metabolic Changes [see Section 3.4.]
- Pathological Gambling and Other Compulsive Behaviors [see Section 3.4.]
- Orthostatic Hypotension and Syncope [see Section 3.4.]
- Falls [see Section 3.4.]
- Leukopenia, Neutropenia, and Agranulocytosis [see Section 3.4.]
- Seizures [see Section 3.4.]
- Potential for Cognitive and Motor Impairment [see Section 3.4.]
- Body Temperature Regulation [see Section 3.4.]
- Dysphagia [see Section 3.4.]
- QT Interval [see Section 3.4.]
- Venous Thromboembolism [see Section 3.4.]
- Priapism [see Section 3.4.]
- Akathisia [see Section 3.4.]

Clinical Trials Experience

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

The safety of ABILIFY ASIMTUFII for the treatment of schizophrenia in adults and maintenance monotherapy treatment of bipolar I disorder in adults is based on adequate and well-controlled studies of Abilify Maintena. The safety data from those studies is presented below.

Safety Database of Abilify Maintena (once monthly dosing) and Oral Aripiprazole.

Oral aripiprazole has been evaluated for safety in 16,114 adult patients who participated in multiple-dose, clinical trials in schizophrenia and other indications, and who had approximately 8,578 patient-years of exposure to oral aripiprazole. A total of 3,901 patients were treated with oral aripiprazole for at least 180 days, 2,259 patients were treated with oral aripiprazole for at least 360 days, and 933 patients continuing aripiprazole treatment for at least 720 days.

Abilify Maintena (once monthly dosing) has been evaluated for safety in 2,128 adult patients in clinical trials in schizophrenia, with approximately 2,633 patient-years of exposure to Abilify Maintena. A total of 1,229 patients were treated with Abilify Maintena for at least 180 days (at least 7 consecutive injections) and 935 patients treated with Abilify Maintena had at least 1 year of exposure (at least 13 consecutive injections).

Abilify Maintena has been evaluated for safety in 804 adult patients in clinical trials in bipolar I disorder, with approximately 530 patient-years of exposure to Abilify Maintena. A total of 419 patients were treated with Abilify Maintena for at least 180 days (at least 7 consecutive injections) and 287 patients treated with Abilify Maintena had at least 1 year of exposure (at least 13 consecutive injections).

Safety Database of ABILIFY ASIMTUFII (once every 2 month dosing)

In a 32-week open-label study of ABILIFY ASIMTUFII in adult patients with schizophrenia or bipolar I disorder, 266 patients were randomized to receive either ABILIFY ASIMTUFII 960 mg (132 patients) or Abilify Maintena 400 mg (134 patients). A total of the 132 patients received at least one injection of ABILIFY ASIMTUFII, a total of 114 patients received at least two consecutive injections (4 months treatment) of ABILIFY ASIMTUFII, and a total of 104 patients received at least four consecutive injections (8 months treatment) of ABILIFY ASIMTUFII. Of the total 266 patients receiving ABILIFY ASIMTUFII 960 mg or Abilify Maintena 400 mg, 185 had schizophrenia and 81 had bipolar I disorder. Injection site reactions for ABILIFY ASIMTUFII (once every 2 month dosing) presented in this section is based on this open-label study (see section titled "Injection Site Reactions with Abilify ASIMTUFII").

Adverse Reactions in Studies with Abilify Maintena (once monthly dosing)

The conditions and duration of treatment with Abilify Maintena included double-blind and open-label studies. The safety data presented below are derived from the 12-week double-blind placebo-controlled study of Abilify Maintena in adult patients with schizophrenia.

Most Commonly Observed Adverse Reactions in Double-Blind, Placebo-Controlled Clinical Trials in Schizophrenia with Abilify Maintena

Based on the placebo-controlled trial of Abilify Maintena in schizophrenia, the most commonly observed adverse reactions associated with the use of Abilify Maintena in patients (incidence of 5% or greater and aripiprazole incidence at least twice that for placebo) were increased weight (16.8% vs. 7.0%), akathisia (11.4% vs. 3.5%), injection site pain (5.4% vs. 0.6%) and sedation (5.4% vs. 1.2%).

Commonly Reported Adverse Reactions in Double-Blind, Placebo-Controlled Clinical Trials in Schizophrenia with Abilify Maintena

The following findings are based on the double-blind, placebo-controlled trial that compared Abilify Maintena 400 mg or 300 mg to placebo in patients with schizophrenia. Table 7 lists the adverse reactions reported in 2% or more of Abilify Maintena-treated patients and at a greater proportion than in the placebo group.

Table 7: Adverse Reactions in ≥2% of Adult Patients with Schizophrenia Treated with Abilify Maintena in a 12-Week Double-Blind, Placebo-Controlled Study*

Preferred Term	Abilify Maintena (N=167)	Placebo (N=172)
	n (%)	n (%)
Gastrointestinal Disorders		
Constipation	16 (9.6)	12 (7.0)
Dry Mouth	6 (3.6)	4 (2.3)
Diarrhea	5 (3.0)	4 (2.3)
Vomiting	5 (3.0)	2 (1.2)
Abdominal Discomfort	4 (2.4)	2 (1.2)
Toothache	9 (5.4)	8 (4.7)
General Disorders and Administration Site Conditions		
Fatigue	4 (2.4)	3 (1.7)
Injection Site Pain	9 (5.4)	1 (0.6)
Infections and Infestations		
Upper Respiratory Tract Infection	6 (3.6)	3 (1.7)
Investigations		
Increased Weight	28 (16.8)	12 (7.0)
Decreased Weight	6 (3.6)	4 (2.3)
Musculoskeletal and Connective Tissue Disorders		
Arthralgia	6 (3.6)	2 (1.2)
Back Pain	7 (4.2)	4 (2.3)
Myalgia	6 (3.6)	1 (0.6)
Musculoskeletal pain	5 (3.0)	2 (1.2)
Nervous System Disorders		
Akathisia	19 (11.4)	6 (3.5)
Sedation	9 (5.4)	2 (1.2)
Dizziness	6 (3.6)	3 (1.7)
Tremor	5 (3.0)	1 (0.6)
Psychiatric Disorders		
Insomnia	8 (4.8)	8 (4.7)
Respiratory, Thoracic and Mediastinal		
Cough	10 (6.0)	10 (5.8)
Nasal Congestion	4 (2.4)	2 (1.2)

*This table does not include adverse reactions which had an incidence equal to or less than placebo.

Demographic Differences

An examination of population subgroups was performed across demographic subgroup categories for adverse reactions experienced by at least 5% of Abilify Maintena patients at least twice the rate of placebo (i.e., increased weight, akathisia, injection site pain, and sedation) in the double-blind placebo-controlled trial. This analysis did not reveal evidence of differences in safety differential adverse reaction incidence on the basis of age, gender, or race alone; however, there were few patients ≥ 65 years of age.

Injection Site Reactions with ABILIFY ASIMTUFII

ABILIFY ASIMTUFII was evaluated in 266 patients with schizophrenia or bipolar I disorder in an open-label, multiple-dose, randomized, parallel-arm multi-center study.

The percentage of patients in the open-label study reporting any injection site-related adverse reactions (all reported as injection site pain) was 19% for patients treated with ABILIFY ASIMTUFII 960 mg and 9% for patients treated with Abilify Maintena 400 mg. In both treatment groups, the majority of the injection site pain events coincided with the first injection of ABILIFY ASIMTUFII 960 mg (21/24 patients) or Abilify Maintena 400 mg (7/12 patients), was reported with decreasing frequency upon subsequent injections. The overall mean visual analog scale scores (0=no pain to 100=unbearably painful) for patient reported rating of pain were similar in both treatment groups at the last injection: 0.8 pre-dose and 1.4 post-dose for the ABILIFY ASIMTUFII 960 mg group compared to 1.3 post-dose for the Abilify Maintena 400 mg group.

Extrapyramidal Symptoms (EPS)

In the short-term, placebo-controlled trial of Abilify Maintena in adults with schizophrenia, the incidence of reported EPS-related events, excluding events related to akathisia, for Abilify Maintena-treated patients was 9.6% vs. 5.2% for placebo. The incidence of akathisia-related events for Abilify Maintena-treated patients was 11.5% vs. 3.5% for placebo.

Dystonia

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, they occur more frequently and with greater severity with high potency and at higher doses of first-generation antipsychotic drugs. An elevated risk of acute dystonia is observed in males and younger age groups. In the short-term, placebo-controlled trial of Abilify Maintena in adults with schizophrenia, the incidence of dystonia was 1.8% for Abilify Maintena vs. 0.6% for placebo.

Neutropenia

In the short-term, placebo-controlled trial of Abilify Maintena in adults with schizophrenia, the incidence of neutropenia (absolute neutrophil count ≤ 1.5 thous/mcL) for Abilify Maintena-treated patients was 5.7% vs. 2.1% for placebo. An absolute neutrophil count of <1 thous/mcL (i.e., 0.95 thous/mcL) was observed in only one patient on Abilify Maintena and resolved spontaneously without any associated adverse reactions [see Section 3.4.].

Other Adverse Reactions During the Clinical Trial Evaluation of Abilify Maintena

The following listing does not 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 categorized by body system according to 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:

- *Blood and Lymphatic System Disorders: rare* - thrombocytopenia
- *Cardiac Disorders: infrequent* – tachycardia; *rare* - bradycardia, sinus tachycardia
- *Endocrine Disorders: rare* - hypoprolactinemia
- *Eye Disorders: infrequent* - vision blurred, oculogyric crisis
- *Gastrointestinal Disorders: infrequent* - abdominal pain upper, dyspepsia, nausea; *rare* - swollen tongue

- *General Disorders and Administration Site Conditions: frequent* - fatigue, injection site reaction (erythema, induration, pruritus, swelling, rash, inflammation, hemorrhage); *infrequent* – chest discomfort, gait disturbance; *rare* - irritability, pyrexia
- *Hepatobiliary Disorders: rare* - drug-induced liver injury
- *Immune System Disorders: rare* - drug hypersensitivity
- *Infections and Infestations: rare* - nasopharyngitis
- *Investigations: infrequent* - blood creatine phosphokinase increased, blood pressure decreased, hepatic enzyme increased, liver function test abnormal, electrocardiogram QT-prolonged; *rare* - blood triglycerides decreased, blood cholesterol decreased, electrocardiogram T-wave abnormal
- *Metabolism and Nutrition Disorders: infrequent* - decreased appetite, hyperinsulinemia, obesity
- *Musculoskeletal and Connective Tissue Disorders: infrequent* - joint stiffness, muscle twitching, trismus; *rare* - rhabdomyolysis
- *Nervous System Disorders: infrequent* - extrapyramidal disorder, hypersomnia, lethargy; *rare* - bradykinesia, convulsion, dysgeusia, memory impairment, oromandibular dystonia
- *Psychiatric Disorders: frequent* - anxiety, insomnia, restlessness; *infrequent* - agitation, bruxism, psychotic disorder, suicidal ideation; *rare* - aggression, hypersexuality, panic attack
- *Renal and Urinary Disorders: rare* - glycosuria, pollakiuria, urinary incontinence
- *Reproductive System and Breast Disorders: infrequent* - ejaculation delayed
- *Vascular Disorders: infrequent* - hypertension

Adverse Reactions Reported in Clinical Trials with Oral Aripiprazole

The following is a list of additional adverse reactions that have been reported in clinical trials with oral aripiprazole and not reported above for ABILIFY MAINTENA:

- *Cardiac Disorders:* angina pectoris, atrial flutter, atrioventricular block, cardiopulmonary failure, cardio-respiratory arrest, extrasystoles, myocardial infarction, myocardial ischemia, palpitations, supraventricular tachycardia, ventricular tachycardia
- *Eye Disorders:* diplopia, photophobia, eyelid edema, photopsia
- *Gastrointestinal Disorders:* gastroesophageal reflux disease, swollen tongue, esophagitis, pancreatitis, stomach discomfort, toothache
- *General Disorders and Administration Site Conditions:* asthenia, chest pain, face edema, hypothermia, peripheral edema, pain
- *Hepatobiliary Disorders:* hepatitis, jaundice
- *Immune System Disorders:* hypersensitivity
- *Injury, Poisoning, and Procedural Complications:* heat stroke
- *Investigations:* blood bilirubin increased, blood creatinine increased, blood glucose increased, blood lactate dehydrogenase increased, blood prolactin increased, blood urea increased, glycosylated hemoglobin increased
- *Metabolism and Nutrition Disorders:* anorexia, diabetic ketoacidosis, hyponatremia, hypoglycemia, polydipsia
- *Musculoskeletal and Connective Tissue Disorders:* mobility decreased, muscle rigidity, muscle tightness, muscular weakness, musculoskeletal stiffness, pain in extremity, muscle spasms
- *Nervous System Disorders:* akinesia, choreoathetosis, coordination abnormal, hypokinesia, hypotonia, myoclonus, speech disorder
- *Psychiatric Disorders:* anger, anorgasmia, catatonia, completed suicide, delirium, loss of libido, homicidal ideation, intentional self-injury, hostility, libido increased, sleepwalking, suicide attempt, tic
- *Renal and Urinary Disorders:* nocturia, polyuria, urinary retention
- *Reproductive System and Breast Disorders:* amenorrhea, breast pain, erectile dysfunction, gynecomastia, menstruation irregular, priapism
- *Respiratory, Thoracic, and Mediastinal Disorders:* dyspnea, nasal congestion, pharyngolaryngeal pain, cough
- *Skin and Subcutaneous Tissue Disorders:* alopecia, hyperhidrosis, photosensitivity reaction, pruritus, rash (including erythematous, exfoliative, generalized, macular, maculopapular, papular rash; acneiform, allergic, contact, exfoliative, seborrheic dermatitis, neurodermatitis, and drug eruption), urticaria

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorization of the medicinal product is important. It allows continued monitoring of the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via:

Pusat Farmakovigilans/MESO Nasional

Direktorat Pengawasan Keamanan, Mutu, dan Ekspor Impor Obat, Narkotika,
Psikotropika, Prekursor dan Zat Adiktif
Badan Pengawas Obat dan Makanan
Jl. Percetakan Negara No. 23, Jakarta Pusat, 10560
Email: pv-center@pom.go.id
Website: <https://e-meso.pom.go.id/ADR>

Postmarketing Experience

The following adverse reactions have been identified during post-approval use of aripiprazole. 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 drug exposure: occurrences of allergic reaction (anaphylactic reaction, angioedema, laryngospasm, pruritus/urticaria, or oropharyngeal spasm), blood glucose fluctuation, drug reaction with eosinophilia and systemic symptoms (DRESS), hiccups, pathological gambling.

3.9 Overdose

Signs and Symptoms

No cases of overdose were reported in clinical studies or postmarketing experience with either the 1 month or 2 month aripiprazole extended-release injectable suspension. While experience is limited, among the few cases of overdose (accidental or intentional) reported in clinical trials and post-marketing experience in adult patients with oral aripiprazole, the highest estimated ingestion was 1260 mg with no fatalities. The potentially medically significant signs and symptoms of overdose observed included lethargy, blood pressure increased, somnolence, tachycardia, nausea, vomiting, and diarrhea. In addition, reports of accidental overdose with aripiprazole alone (up to 195 mg) in children have been received with no fatalities. The potentially medically serious signs and symptoms reported include somnolence and transient loss of consciousness. In the patients who were evaluated in hospital settings, there were no reported observations indicating clinically significant adverse change in vital signs, laboratory assessments, or ECG.

Human Experience

Common adverse reactions (reported in at least 5% of all overdose cases) reported with oral aripiprazole overdose (alone or in combination with other substances) include vomiting, somnolence, and tremor. Other clinically important signs and symptoms observed in one or more patients with aripiprazole overdoses (alone or with other substances) include acidosis, aggression, aspartate aminotransferase increased, atrial fibrillation, bradycardia, coma, confusional state, convulsion, blood creatine phosphokinase increased, depressed level of consciousness, hypertension, hypokalemia, hypotension, lethargy, loss of consciousness, QRS complex prolonged, QT prolonged, pneumonia aspiration, respiratory arrest, status epilepticus, and tachycardia.

Management of Overdosage

Management of overdose should concentrate on supportive care, including close medical supervision and monitoring. Ensure an adequate airway, oxygenation, and ventilation. Monitor cardiac rhythm and vital signs. Use supportive and symptomatic measures. Treatment should consist of general measures employed in the management of overdosage with any drug. Consider the possibility of multiple drug involvement. Following any confirmed or suspected overdose with aripiprazole, close medical supervision and monitoring should continue until the patient recovers.

There is no specific antidote to aripiprazole. Consider the extended-release characteristics of ABILIFY ASIMTUFII and half-life of aripiprazole when assessing treatment needs and recovery.

Although there is no information on the effect of hemodialysis in treating an overdose with aripiprazole, hemodialysis is unlikely to be useful in overdose management since aripiprazole is not eliminated unchanged by the kidneys and is highly bound to plasma proteins.

4. PHARMACOLOGICAL PROPERTIES

4.1 Pharmacodynamic Properties

Pharmacotherapeutic group: Psycholeptics, other antipsychotics, ATC code: N05AX12

Mechanism of Action

The mechanism of action of aripiprazole in the treatment of schizophrenia and bipolar I disorder is unknown.

The efficacy of aripiprazole could be mediated through a combination of partial agonist activity at dopamine D2 and serotonin 5-HT_{1A} receptors and antagonist activity at 5-HT_{2A} receptors.

Pharmacodynamics

Aripiprazole exhibits high affinity for dopamine D₂ and D₃ (K_i 0.34 and 0.8 nM, respectively), serotonin 5-HT_{1A} and 5-HT_{2A} receptors (K_i 1.7 and 3.4 nM, respectively), moderate affinity for dopamine D₄, serotonin 5-HT_{2C} and 5-HT₇, alpha₁-adrenergic and histamine H₁ receptors (K_i of 44 nM, 15 nM, 39 nM, 57 nM, and 61 nM, respectively), and moderate affinity for the serotonin reuptake site (K_i=98 nM). Aripiprazole has no appreciable affinity for cholinergic muscarinic receptors (IC₅₀>1000 nM). Actions at receptors other than D₂, 5-HT_{1A}, and 5-HT_{2A} could explain some of the other adverse reactions of aripiprazole (e.g., the orthostatic hypotension observed with aripiprazole may be explained by its antagonist activity at adrenergic alpha₁ receptors).

Alcohol

There was no significant difference between oral aripiprazole coadministered with ethanol and placebo coadministered with ethanol on performance of gross motor skills or stimulus response in healthy subjects. As with most psychoactive medications, patients should be advised to avoid alcohol while taking ABILIFY ASIMTUFII.

ABILIFY ASIMTUFII activity is presumably primarily due to the parent drug, aripiprazole, and to a lesser extent, to its major metabolite, dehydro-aripiprazole, which has been shown to have affinities for D₂ receptors.

Clinical Study

Schizophrenia

The efficacy of ABILIFY ASIMTUFII (once every 2 month dosing) for the treatment of schizophrenia in adults is based on adequate and well-controlled studies of Abilify Maintena (once monthly dosing). The results of these adequate and well-controlled studies are presented below.

The efficacy of Abilify Maintena (once monthly dosing) for treatment of schizophrenia was established in:

- One short-term (12-week), randomized, double-blind, placebo-controlled trial in acutely relapsed adults (Study 1)
- One longer-term, double-blind, placebo-controlled, randomized-withdrawal (maintenance) trial in adults (Study 2).

Short-Term Efficacy

In the short-term (12-week), randomized, double-blind, placebo-controlled trial in acutely relapsed adults (Study 1), the primary measure used for assessing psychiatric signs and symptoms was the Positive and Negative Syndrome Scale (PANSS). The PANSS is a 30-item scale that measures positive symptoms of schizophrenia (7 items), negative symptoms of schizophrenia (7 items), and general psychopathology (16 items), each rated on a scale of 1 (absent) to 7 (extreme); total PANSS scores range from 30 to 210. The primary endpoint was the change from baseline in PANSS total score to week 10.

The inclusion criteria for this short-term trial included adult inpatients who met DSM-IV-TR criteria for schizophrenia. In addition, all patients entering the trial must have experienced an acute psychotic episode as defined by both PANSS Total Score ≥80 and a PANSS score of >4 on each of four specific psychotic symptoms (conceptual disorganization, hallucinatory behavior, suspiciousness/persecution,

unusual thought content) at screening and baseline. The key secondary endpoint was the change from baseline in Clinical Global Impression-Severity (CGI-S) assessment scale to week 10. The CGI-S rates the severity of mental illness on a scale of 1 (normal) to 7 (among the most extremely ill) based on the total clinical experience of the rater in treating patients with schizophrenia. Patients had a mean PANSS total score of 103 (range 82 to 144) and a CGI-S score of 5.2 (markedly ill) at entry.

In this 12-week study (n=339) comparing Abilify Maintena (n=167) to placebo (n=172), patients were administered 400 mg Abilify Maintena or placebo on days 0, 28, and 56. The dose could be adjusted down and up within the range of 400 to 300 mg on a one-time basis. Abilify Maintena was superior to placebo in improving the PANSS total score at the end of week 10 (see Table 8).

Table 8: Efficacy Results of Abilify Maintena in Short-term Schizophrenia Study 1 (Adults)

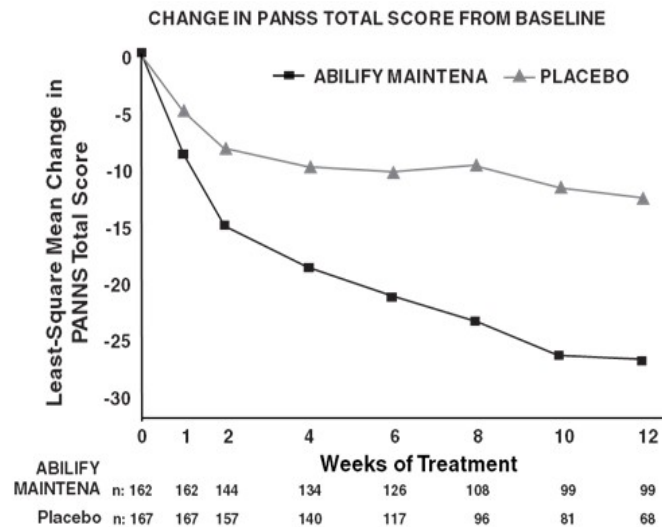
Study Number	Treatment Group	Primary Efficacy Measure: PANSS Total Score		
		Mean Baseline Score (SD)	LS Mean Change from Baseline (SE)	Placebo-subtracted Difference* (95% CI)
Study 1	Abilify Maintena (400 to 300 mg)	102.4 (11.4)	-26.8 (1.6)	-15.1 (-19.4, -10.8)
	Placebo	103.4 (11.1)	-11.7 (1.6)	--

SD: standard deviation; SE: standard error; LS Mean: least-squares mean; CI: unadjusted confidence interval.

*Difference (drug minus placebo) in least-squares mean change from baseline.

The change in PANSS total score by week is shown in Figure 9. Abilify Maintena also showed improvement in symptoms represented by CGI-S score mean change from baseline to week 10. The results of exploratory subgroup analyses by gender, race, age, ethnicity, and BMI were similar to the results of the overall population.

Figure 9: Weekly PANSS Total Score-Change in the 12-Week, Placebo-Controlled Study with Abilify Maintena in Schizophrenia - Study 1 (Adults)



n = the number of patients remaining in the respective study arm at each time point

Long-Term Efficacy

The efficacy of Abilify Maintena in maintaining symptomatic control in schizophrenia was established in a double-blind, placebo-controlled, randomized-withdrawal trial in adult patients (Study 2) who met DSM-IV-TR criteria for schizophrenia and who were being treated with at least one antipsychotic medication. Patients had at least a 3-year history of illness and a history of relapse or symptom exacerbation when not receiving antipsychotic treatment.

In addition to the PANSS and CGI-S, clinical ratings during this trial included the:

- Clinical Global Impression-Improvement (CGI-I) scale, a scale of 1 (very much improved) to 7 (very much worse) based on the change from baseline in clinical condition and
- Clinical Global Impression-Severity of Suicide (CGI-SS) scale, which is comprised of 2 parts: Part 1 rates the severity of suicidal thoughts and behavior on a scale of 1 (not at all suicidal) to 5 (attempted suicide) based on the most severe level in the last 7 days from all information available to the rater and Part 2 rates the change from baseline in suicidal thoughts and behavior on a scale of 1 (very much improved) to 7 (very much worse).

This trial included:

- A 4 to 6 week open-label, oral conversion phase for patients on antipsychotic medications other than aripiprazole. A total of 633 patients entered this phase.
- An open-label, oral aripiprazole stabilization phase (target dose of 10 mg to 30 mg once daily). A total of 710 patients entered this phase. Patients were 18 to 60 years old (mean 40 years) and 60% were male. The mean PANSS total score was 66 (range 33 to 124). The mean CGI-S score was 3.5 (mildly to moderately ill). Prior to the next phase, stabilization was required. Stabilization was defined as having all of the following for four consecutive weeks: an outpatient status, PANSS total score ≤ 80 , CGI-S ≤ 4 (moderately ill), and CGISS score ≤ 2 (mildly suicidal) on Part 1 and ≤ 5 (minimally worsened) on Part 2; and a score of ≤ 4 on each of the following PANSS items: conceptual disorganization, suspiciousness, hallucinatory behavior, and unusual thought content.
- A minimum 12-week uncontrolled, single-blind Abilify Maintena stabilization phase (treatment with 400 mg of Abilify Maintena given every 4 weeks in conjunction with oral aripiprazole [10 mg to 20 mg/day] for the first 2 weeks). The dose of ABILIFY MAINTENA may have been decreased to 300 mg due to adverse reactions. A total of 576 patients entered this phase. The mean PANSS total score was 59 (range 30 to 80) and the mean CGI-S score was 3.2 (mildly ill). Prior to the next phase, stabilization was required (see above for the definition of stabilization) for 12 consecutive weeks.
- A double-blind, placebo-controlled randomized-withdrawal phase to observe for relapse (defined below). A total of 403 patients were randomized 2:1 to the same dose of Abilify Maintena they were receiving at the end of the stabilization phase, (400 mg or 300 mg administered once every 4 weeks) or placebo. Patients had a mean PANSS total score of 55 (range 31 to 80) and a CGI-S score of 2.9 (mildly ill) at entry. The dose could be adjusted up and down or down and up within the range of 300 to 400 mg on a one-time basis.

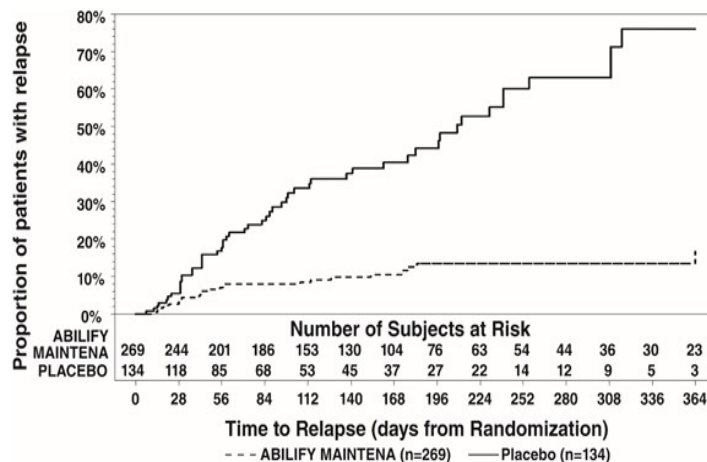
The primary efficacy endpoint was time from randomization to relapse. Relapse was defined as the first occurrence of one or more of the following criteria:

- CGI-I of ≥ 5 (minimally worse) and
 1. an increase on any of the following individual PANSS items (conceptual disorganization, hallucinatory behavior, suspiciousness, unusual thought content) to a score >4 with an absolute increase of ≥ 2 on that specific item since randomization or
 2. an increase on any of the following individual PANSS items (conceptual disorganization, hallucinatory behavior, suspiciousness, unusual thought content) to a score >4 and an absolute increase ≥ 4 on the combined four PANSS items (conceptual disorganization, hallucinatory behavior, suspiciousness, unusual thought content) since randomization
- Hospitalization due to worsening of psychotic symptoms (including partial hospitalization), but excluding hospitalization for psychosocial reasons

- CGI-SS of 4 (severely suicidal) or 5 (attempted suicide) on Part 1 and/or 6 (much worse) or 7 (very much worse) on Part 2, or
- Violent behavior resulting in clinically significant self-injury, injury to another person, or property damage.

A pre-planned interim analysis demonstrated a statistically significantly longer time to relapse in patients randomized to the Abilify Maintena group compared to placebo-treated patients and the trial was subsequently terminated early because maintenance of efficacy was demonstrated. The final analysis demonstrated a statistically significantly longer time to relapse in patients randomized to the Abilify Maintena group than compared to placebo-treated patients. The Kaplan-Meier curves of the cumulative proportion of patients with relapse during the double-blind treatment phase for Abilify Maintena and placebo groups are shown in Figure 10.

Figure 10: Kaplan-Meier Estimation of Cumulative Proportion of Abilify Maintena-Treated Patients with Relapse* (Adults) Study 2



*This figure is based on a total of 80 relapse events.

The key secondary efficacy endpoint, percentage of patients meeting the relapse criteria, was statistically significantly lower in patients randomized to the Abilify Maintena group (10%) than in the placebo group (40%).

Bipolar I Disorder - Maintenance Monotherapy

The efficacy of ABILIFY ASIMTUFII (once every 2 month dosing) for the treatment of maintenance monotherapy treatment of bipolar I disorder in adults is based on an adequate and well-controlled study of Abilify Maintena (once monthly dosing). The results of the adequate and well-controlled study are presented below.

The efficacy of Abilify Maintena (once monthly dosing) for the maintenance treatment of bipolar I disorder was established in a 52-week, double-blind, placebo-controlled, randomized withdrawal trial in adult patients who were experiencing a manic episode at trial entry, met DSM-IV-TR criteria for bipolar I disorder, and had a history of at least one previous manic or mixed episode with manic symptoms of sufficient severity to require one of the following interventions: hospitalization and/or treatment with a mood stabilizer, and/or treatment with an antipsychotic agent.

Clinical ratings during this trial included:

Young Mania Rating Scale (YMRS)-an 11-item, clinician-rated scale used to assess the degree of manic symptomatology, in a range with 0 representing no symptoms, and 60 representing worst symptoms; Montgomery-Asberg Depression Rating Scale (MADRS) – a 10-item clinician-related scale used to assess the degree of depressive symptomatology, with 1 representing no symptoms, and 60 representing worst symptoms; Clinical Global Impression Bipolar Version Severity of Illness (CGI-BP-S) a scale of 1 (normal, not at all ill) to 7 (very severely ill patient) based on the patient's severity of illness mania, depression, and overall bipolar illness.

This trial included:

- A 4 to 6 week, open-label, oral conversion phase for patients on treatments for bipolar I disorder other than aripiprazole. A total of 466 patients entered this phase.
- A 2 to 8 week, open-label, oral aripiprazole stabilization phase (target dose of 15 mg to 30 mg once daily). A total of 632 patients entered this phase. Patients were 18 to 65 years old (mean 40.7 years) and 60% were female. The mean (range) baseline scores were: YMRS total, 16.9 MADRS total, 5.7, and CGI-BP-S overall, 3.4 (mildly to moderately ill). Prior to the next phase, stabilization was required. Stabilization was defined as having all of the following at one bi-weekly visit: Outpatient status, YMRS total score ≤ 12 , MADRS total score ≤ 12 no active suicidality; with active suicidality defined as a score of 4 or more on the MADRS item 10 OR an answer of "yes" on question 4 or 5 on the Columbia Suicide Severity Rating Scale (C-SSRS).
- A minimum 12-week, uncontrolled, single-blind Abilify Maintena stabilization phase (treatment with 400 mg of Abilify Maintena given every 4 weeks in conjunction with oral aripiprazole [10 mg to 20 mg/day] for the first 2 weeks). The dose of Abilify Maintena was allowed to be decreased to 300 mg due to adverse reactions. A total of 425 patients entered this phase. The mean (range) baseline scores were: YMRS total, 5.8, MADRS total 3.7, and CGI-BP-S overall, 2.1 (minimally ill). Prior to the next phase, stabilization was required (see above for the definition of stabilization) for 8 consecutive weeks starting at week 6.
- A double-blind, placebo-controlled, randomized-withdrawal phase to observe for recurrence to a mood episode (defined below) for up to 52 weeks. A total of 266 patients were randomized 1:1 to the same dose of Abilify Maintena they were receiving at the end of the stabilization phase, (400 mg or 300 mg administered once every 4 weeks) or placebo. The mean (range) baseline scores were: YMRS total, 2.8 (0 to 12), MADRS total, 2.7 (0 to 12), and CGI-S overall, 1.7 (minimally ill). The dose could be decreased to 300 mg for tolerability and returned once to 400 mg.

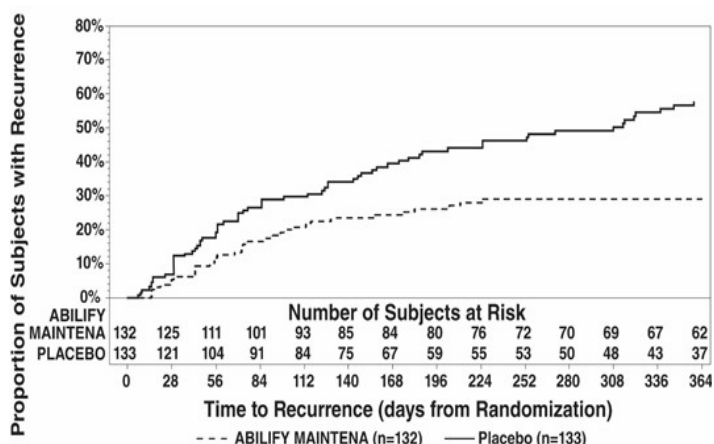
The primary efficacy endpoint was time from randomization to recurrence of any mood episode.

Recurrence was defined as the first occurrence of one or more of the following criteria:

- 1) Hospitalization for any mood episode OR
- 2) Any of the following:
 - a. YMRS total score ≥ 15 OR
 - b. MADRS total score ≥ 15 OR
 - c. Clinical Global Impression - Bipolar Version-Severity (CGI-BP-S) score >4 (overall score) OR
- 3) Serious adverse event (SAE) of worsening disease (bipolar I disorder) OR
- 4) Discontinuation due to lack of efficacy or discontinuation due to an adverse event (AE) of worsening disease OR
- 5) Clinical worsening with the need for addition of a mood stabilizer, antidepressant treatment, antipsychotic medication, and/or increase greater than the allowed benzodiazepine doses for treatment of symptoms of an underlying mood disorder OR
- 6) Active suicidality, which is defined as a score of 4 or more on the MADRS item 10 OR an answer of "yes" on question 4 or 5 on the C-SSRS

Analysis demonstrated a statistically significantly longer time to recurrence of any mood episode in subjects randomized to the Abilify Maintena group than compared to placebo-treated subjects. The Kaplan-Meier curves of the time of recurrence to any mood episode during the double-blind treatment phase for Abilify Maintena and placebo groups are shown in Figure 11.

Figure 11: Kaplan-Meier Estimation of Cumulative Recurrence Rate for Any Mood Episode* in Abilify Maintena-Treated Adults



*This figure is based on a total of 103 recurrence events.

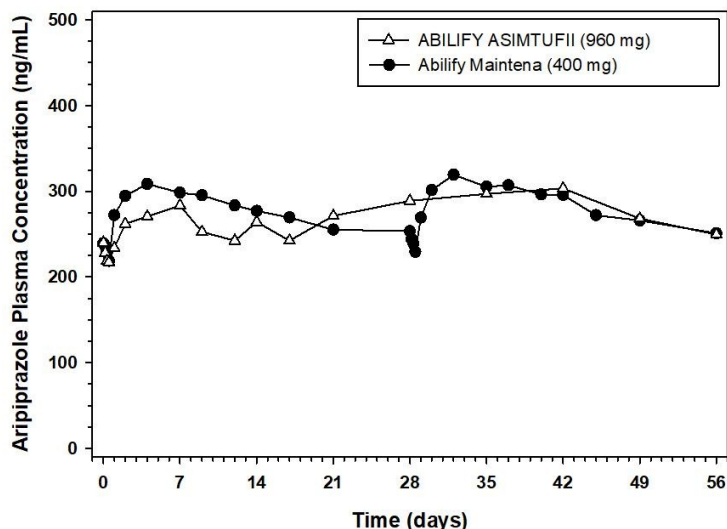
Analysis by type of mood recurrence demonstrated a statistically significantly longer time to recurrence for both manic and mixed mood episodes in subjects treated with Abilify Maintena compared to those treated with placebo. There was no substantial difference between treatment groups in delaying time to recurrence of depressive mood episodes.

An examination of subgroups did not reveal any clear evidence of differential responsiveness on the basis of age, sex, or race.

4.2 Pharmacokinetic Properties

ABILIFY ASIMTUFII delivers aripiprazole over a 2-month period. ABILIFY ASIMTUFII has linear PK in the approved dose range. Steady-state aripiprazole exposures were reached by the fourth dose. Plasma exposures at steady state were compared between ABILIFY ASIMTUFII (960 mg, once every 2 months) and Abilify Maintena (400 mg, once every month). The average plasma concentrations (C_{avg}) of aripiprazole were 263 ng/mL and 280 ng/mL for ABILIFY ASIMTUFII and Abilify Maintena, respectively. The C_{max} of aripiprazole were 342 ng/mL and 344 ng/mL for ABILIFY ASIMTUFII and Abilify Maintena, respectively.

Figure 12: Mean Plasma Concentration of Aripiprazole Following the Fourth Administration of ABILIFY ASIMTUFII 960 mg versus the Seventh and Eighth Administration of Abilify Maintena 400 mg



Absorption

Aripiprazole absorption into the systemic circulation is prolonged following gluteal intramuscular injection due to low solubility of aripiprazole particles. The release profile of aripiprazole from ABILIFY ASIMTUFII results in sustained plasma concentrations over 2 months following gluteal injection(s). Following multiple doses, the median peak:trough ratio for aripiprazole following an ABILIFY ASIMTUFII dose is 1.3, resulting in a flat plasma concentration profile with T_{max} ranging between 1 to 49 days following multiple gluteal administrations of 960 mg.

Distribution

Based on results from trials with oral administration of aripiprazole, aripiprazole is widely distributed throughout the body with an apparent volume of distribution of 4.9 L/kg, indicating extensive extravascular distribution. At therapeutic concentrations, aripiprazole and dehydro-aripiprazole are greater than 99% bound to serum proteins, binding primarily to albumin.

Elimination

Following single dose administration of ABILIFY ASIMTUFII, the mean apparent terminal elimination half-life of aripiprazole was 21 days.

Metabolism

Aripiprazole is metabolized primarily by three biotransformation pathways: dehydrogenation, hydroxylation, and N-dealkylation. Based on *in vitro* studies, CYP3A4 and CYP2D6 enzymes are responsible for dehydrogenation and hydroxylation of aripiprazole, and N-dealkylation is catalyzed by CYP3A4. Aripiprazole is the predominant drug moiety in the systemic circulation. Following administration of multiple doses of ABILIFY ASIMTUFII, dehydro-aripiprazole, the active metabolite, represents approximately 29% of aripiprazole AUC in plasma.

Excretion

Following a single oral dose of [14C]-labeled aripiprazole, approximately 25% and 55% of the administered radioactivity was recovered in the urine and feces, respectively. Less than 1% of unchanged aripiprazole was excreted in the urine and approximately 18% of the oral dose was recovered unchanged in the feces.

Studies in Specific Populations

No specific pharmacokinetic studies have been performed with ABILIFY ASIMTUFII in specific populations. All the information is obtained from studies with oral aripiprazole or is based on the pharmacokinetic modeling of oral aripiprazole and/or ABILIFY ASIMTUFII.

Exposures of aripiprazole and dehydro-aripiprazole in specific populations are summarized in Figure 13 and Figure 14, respectively. In addition, in pediatric patients (10 to 17 years of age) administered with oral aripiprazole (20 mg to 30 mg), the body weight corrected aripiprazole clearance was similar to the adults.

Figure 13: Effect of Intrinsic Factors on Aripiprazole Pharmacokinetics

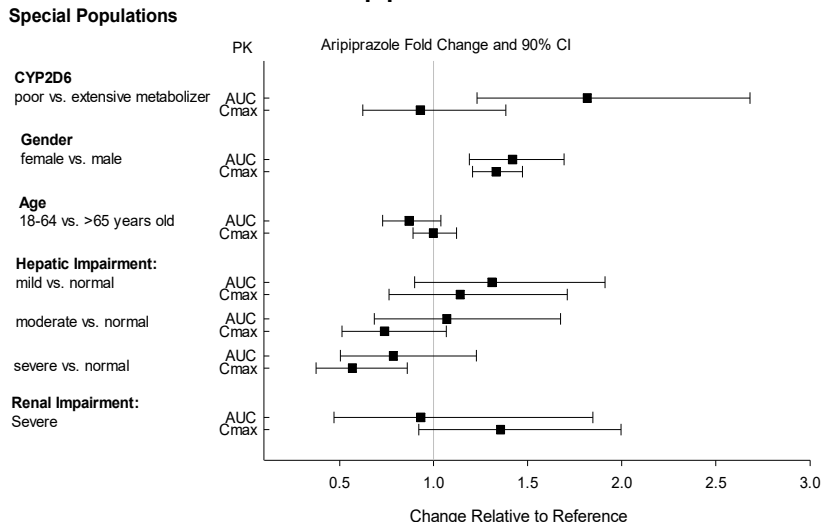
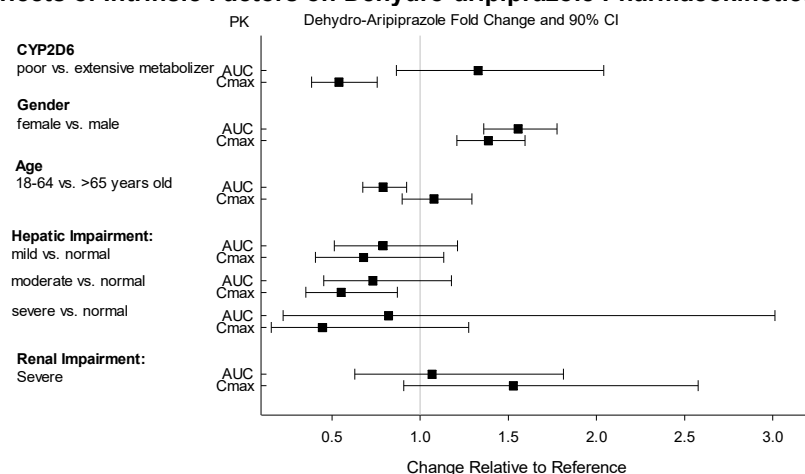


Figure 14: Effects of Intrinsic Factors on Dehydro-aripiprazole Pharmacokinetics



Drug Interaction Studies

No specific drug interaction studies have been performed with ABILIFY ASIMTUFIL. The information below is obtained from studies with oral aripiprazole.

The effect of other drugs on the exposures of aripiprazole and dehydro-aripiprazole are summarized in Figure 15 and Figure 16, respectively. Based on simulations, a 4.5-fold increase in mean C_{max} and AUC values at steady-state is expected when extensive metabolizers of CYP2D6 are administered with both strong CYP2D6 and CYP3A4 inhibitors. After oral administration, a 3-fold increase in mean C_{max} and AUC values at steady-state is expected in poor metabolizers of CYP2D6 administered with strong CYP3A4 inhibitors.

Figure 15: The Effect of Other Drugs on Aripiprazole Pharmacokinetics

Effect of Other Drugs on Abilify

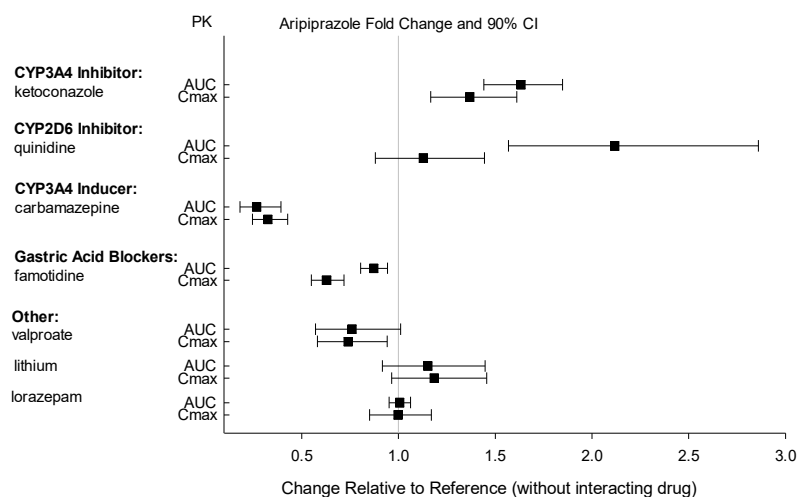
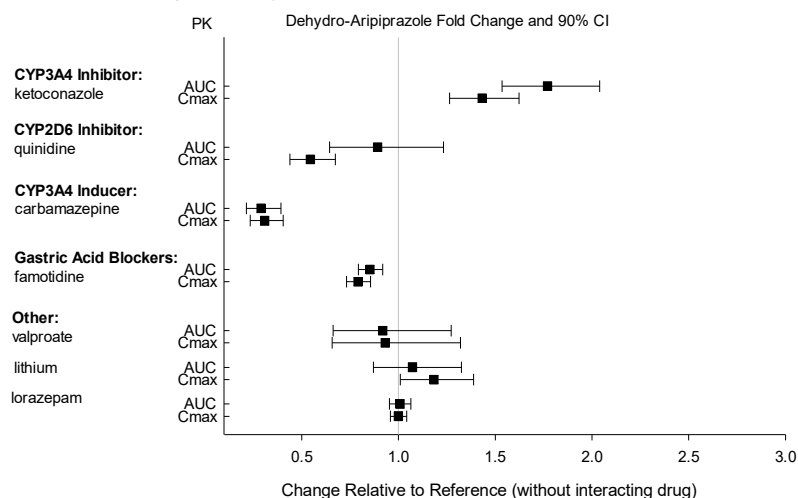


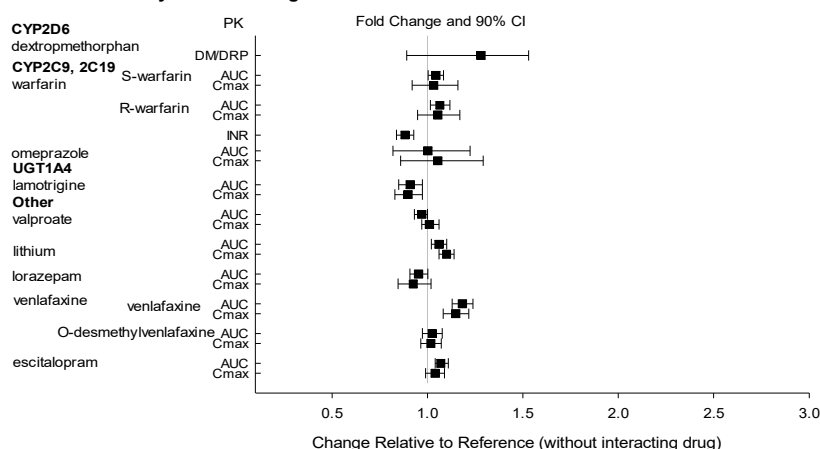
Figure 16: The Effect of Other Drugs on Dehydro-aripiprazole Pharmacokinetics

Effect of Other Drugs on Abilify



The effect of oral aripiprazole on the exposures of other drugs are summarized in Figure 17. A population PK analysis in patients with major depressive disorder showed no substantial change in plasma concentrations of fluoxetine (20 mg/day or 40 mg/day), paroxetine CR (37.5 mg/day or 50 mg/day), or sertraline (100 mg/day or 150 mg/day) dosed to steady-state. The steady-state plasma concentrations of fluoxetine and norfluoxetine increased by about 18% and 36%, respectively, and concentrations of paroxetine decreased by about 27%. The steady-state plasma concentrations of sertraline and desmethylsertraline were not substantially changed when these antidepressant therapies were coadministered with aripiprazole.

Figure 17: The Effect of Oral Aripiprazole on Pharmacokinetics of Other Drugs
Effect of Abilify on Other Drugs



In vitro

Aripiprazole is not a substrate of CYP1A1, CYP1A2, CYP2A6, CYP2B6, CYP2C8, CYP2C9, CYP2C19, or CYP2E1 enzymes. Aripiprazole also does not undergo direct glucuronidation.

4.3 Preclinical Safety Data

Juvenile Animal Studies

No juvenile animal studies were conducted with intramuscular aripiprazole suspension. A study with oral aripiprazole in juvenile rats caused mortality, CNS clinical signs, impaired memory and learning, and delayed sexual maturation when administered at doses of 10, 20, 40 mg/kg/day from weaning (21 days old) through maturity (80 days old). At 40 mg/kg/day, mortality, decreased activity, splayed hind limbs, hunched posture, ataxia, tremors and other CNS signs were observed in both genders. In addition, delayed sexual maturation was observed in males. At all doses and in a dose-dependent manner, impaired memory and learning, increased motor activity, and histopathology changes in the pituitary (atrophy), adrenals (adrenocortical hypertrophy), mammary glands (hyperplasia and increased secretion), and female reproductive organs (vaginal mucification, endometrial atrophy, decrease in ovarian corpora lutea) were observed. The changes in female reproductive organs were considered secondary to the increase in prolactin serum levels. A No Observed Adverse Effect Level (NOAEL) could not be determined and, at the lowest tested dose of 10 mg/kg/day, there is no safety margin relative to the systemic exposures (AUC_{0-24}) for aripiprazole or its major active metabolite in adolescents at the maximum recommended oral pediatric dose of 15 mg/day. All drug-related effects were reversible after a 2-month recovery period, and most of the drug effects in juvenile rats were also observed in adult rats from previously conducted studies.

Aripiprazole in juvenile dogs (2 months old) caused CNS clinical signs of tremors, hypoactivity, ataxia, recumbency and limited use of hind limbs when administered orally for 6 months at 3, 10, 30 mg/kg/day. Mean body weight and weight gain were decreased up to 18% in females in all drug groups relative to control values. A NOAEL could not be determined and, at the lowest tested dose of 3 mg/kg/day, there is no safety margin relative to the systemic exposures (AUC_{0-24}) for aripiprazole or its major active metabolite in adolescents at the maximum recommended oral pediatric dose of 15 mg/day. All drug-related effects were reversible after a 2-month recovery period.

Nonclinical Toxicology

Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenesis

No carcinogenicity studies were conducted with intramuscular aripiprazole suspension.

Lifetime carcinogenicity studies were conducted with oral aripiprazole in Swiss albino mice, Sprague-Dawley (SD) rats, and F344 rats. Oral aripiprazole was administered for 2 years in the diet at doses of 1, 3, 10, and 30 mg/kg/day to ICR mice and 1, 3, and 10 mg/kg/day to F344 rats (0.2 to 5 times and 0.3

to 3 times oral MRHD based on mg/m², respectively). In addition, SD rats were dosed orally for 2 years at 10, 20, 40, and 60 mg/kg/day (3 to 19 times the oral MRHD based on mg/m²). Aripiprazole did not induce tumors in male mice or male rats. In female mice, the incidence of pituitary gland adenomas, mammary gland adenocarcinomas and adenoacanthomas were increased at dietary doses of 3 to 30 mg/kg/day (0.5 to 5 times the oral MRHD based on mg/m²). In female rats, the incidence of mammary gland fibroadenomas was increased at a dietary dose of 10 mg/kg/day (3 times the oral MRHD based on mg/m²); and the incidences of adrenocortical carcinomas and combined adrenocortical adenomas/carcinomas were increased at an oral dose of 60 mg/kg/day (19 times the oral MRHD based on mg/m²).

Proliferative changes in the pituitary and mammary gland of rodents have been observed following chronic administration of other antipsychotic agents and are considered prolactin-mediated. Serum prolactin was not measured in the aripiprazole carcinogenicity studies. However, increases in serum prolactin levels were observed in female mice in a 13-week dietary study at the doses associated with mammary gland and pituitary tumors. Serum prolactin was not increased in female rats in 4-week and 13-week dietary studies at the dose associated with mammary gland tumors. The relevance for human risk of the findings of prolactin-mediated endocrine tumors in rodents is unknown.

Mutagenesis

The mutagenic potential of aripiprazole was tested in the in vitro bacterial reverse-mutation assay, the in vitro bacterial DNA repair assay, the in vitro forward gene mutation assay in mouse lymphoma cells, the in vitro chromosomal aberration assay in Chinese hamster lung (CHL) cells, the in vivo micronucleus assay in mice, and the unscheduled DNA synthesis assay in rats. Aripiprazole and a metabolite (2,3-DCPP) were clastogenic in the in vitro chromosomal aberration assay in CHL cells with and without metabolic activation. The metabolite, 2,3-DCPP, produced increases in numerical aberrations in the in vitro assay in CHL cells in the absence of metabolic activation. A positive response was obtained in the in vivo micronucleus assay in mice; however, the response was due to a mechanism not considered relevant to humans.

Impairment of Fertility

No mating and fertility studies were conducted with intramuscular aripiprazole suspension. Female rats were treated with aripiprazole oral doses of 2, 6, and 20 mg/kg/day (0.6, 2, and 6 times the oral MRHD on a mg/m² basis) of aripiprazole from 2 weeks prior to mating through Day 7 of gestation. Estrus cycle irregularities and increased corpora lutea were seen at all doses, but no impairment of fertility was seen. Increased pre-implantation loss was seen at 6 and 20 mg/kg/day and decreased fetal weight was seen at 20 mg/kg/day.

Male rats were treated with oral doses of 20, 40, and 60 mg/kg/day (6, 13, and 19 times the oral MRHD on mg/m² basis) of aripiprazole from 9 weeks prior to mating through mating. Disturbances in spermatogenesis were seen at 60 mg/kg and prostate atrophy was seen at 40 and 60 mg/kg, but no impairment of fertility was seen.

Animal Toxicology and/or Pharmacology

The toxicological profile for aripiprazole administered to experimental animals by intramuscular injection is generally similar to that seen following oral administration at comparable plasma levels of the drug. In dogs, repeated intramuscular dosing of the 2-month aripiprazole extended release injectable suspension over a period of 52 weeks produced no clinical evidence of significant local irritation, and resulted in slight foreign-body type of localized granulomatous inflammatory reaction to deposited drug at the injection site. These effects gradually resolved with discontinuation of dosing.

Oral aripiprazole produced retinal degeneration in albino rats in a 26-week chronic toxicity study at a dose of 60 mg/kg and in a 2-year carcinogenicity study at doses of 40 and 60 mg/kg. The 40 and 60 mg/kg/day doses are 13 and 19 times the maximum recommended human oral dose (MRHD) based on mg/m² body surface and 7 to 14 times human exposure at the oral MRHD based on AUC. Evaluation of the retinas of albino mice and of monkeys did not reveal evidence of retinal degeneration. Additional

studies to further evaluate the mechanism have not been performed. The relevance of this finding to human risk is unknown.

5. PHARMACEUTICAL PARTICULARS

5.1 List of Excipients

Carboxymethylcellulose sodium (5 mg/mL), polyethylene glycol 400 (1 mg/mL), povidone (4 mg/mL), sodium chloride (6.1 mg/mL), sodium phosphate monobasic monohydrate (0.74 mg/mL), sodium hydroxide (to adjust pH) and water for injection (q.s.).

5.2 Incompatibilities

Not Applicable.

5.3 Shelf-life

The expiry date is indicated in the packaging.

5.4 Special Precautions for Storage

Store below 30°C. Do not freeze.

5.5 Nature and Content of Container

ABILIFY ASIMTUFII (aripiprazole) is available as white to off-white, sterile aqueous extended-release injectable suspension in single-dose, pre-filled syringes in 720 mg/2.4 mL or 960 mg/3.2 mL strengths. The single-use kit contains 1 pre-filled syringe and 2 safety needles (a 1.5 inch 22 gauge needle and a 2 inch 21 gauge needle).

- 720 mg aripiprazole kit with aqua colored syringe tip wrap
- 960 mg aripiprazole kit with light blue colored syringe tip wrap

5.6 Special Precautions for Disposal and Other Handling

Full instruction for use and handling of ABILIFY ASIMTUFII 720 mg dan 960 mg are provided in the package leaflet (information intended for healthcare professionals).

6. PATIENT COUNSELING INFORMATION

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

Pathological Gambling and Other Compulsive behaviors

Advise patients and their caregivers of the possibility that they may experience compulsive urges to shop, increased urges to gamble, compulsive sexual urges, binge eating and/or other compulsive urges and the inability to control these urges while taking aripiprazole. In some cases, but not all, the urges were reported to have stopped when the dose was reduced or stopped [see Section 3.4].

Neuroleptic Malignant Syndrome

Counsel patients about a potentially fatal adverse reaction referred to as NMS that has been reported in association with administration of antipsychotic drugs. Advise patients, family members, or caregivers to contact a health care provider or report to the emergency room if they experience signs and symptoms of NMS [see Section 3.4].

Tardive Dyskinesia

Advise patients that abnormal involuntary movements have been associated with the administration of antipsychotic drugs. Counsel patients to notify their health care provider if they notice any movements which they cannot control in their face, tongue, or other body part [see Section 3.4].

Metabolic Changes (Hyperglycemia and Diabetes Mellitus, Dyslipidemia, and Weight Gain)

Educate patients about the risk of metabolic changes, how to recognize symptoms of hyperglycemia and diabetes mellitus, and the need for specific monitoring, including blood glucose, lipids, and weight [see Section 3.4].

Orthostatic Hypotension

Educate patients about the risk of orthostatic hypotension and syncope especially early in treatment, and also at times of re-initiating treatment or increases in dosage [see Section 3.4].

Leukopenia/Neutropenia

Advise patients with a pre-existing low WBC count or a history of drug-induced leukopenia/neutropenia that they should have their CBC monitored while receiving ABILIFY ASIMTUFII [see Section 3.4].

Interference with Cognitive and Motor Performance

Because ABILIFY ASIMTUFII may have the potential to impair judgment, thinking, or motor skills, instruct patients to be cautious about operating hazardous machinery, including automobiles, until they are reasonably certain that ABILIFY ASIMTUFII therapy does not affect them adversely [see Section 3.4].

Heat Exposure and Dehydration

Advise patients regarding appropriate care in avoiding overheating and dehydration [see Section 3.4].

Concomitant Medication

Advise patients to inform their health care providers of any changes to their current prescription or over-the-counter medications since there is a potential for clinically significant interactions [see Section 3.5].

Pregnancy

Advise patients that ABILIFY ASIMTUFII may cause extrapyramidal and/or withdrawal symptoms in a neonate and to notify their healthcare provider with a known or suspected pregnancy. Advise patients that there is a pregnancy exposure registry that monitors pregnancy outcomes in women exposed to ABILIFY ASIMTUFII during pregnancy [see Section 3.6].

7. MANUFACTURER(S)



Manufactured by:

Otsuka Pharmaceutical Co., Ltd.
Tokushima Mima Factory
1-3 Azasatohirano, Mima-cho, Mima-shi,
Tokushima 771-2106, Japan



Imported and repacked by:

PT Otsuka Indonesia
Jl. Sumber Waras No. 25
Lawang, Malang 65216, Indonesia



Under Authorization from:

Otsuka Pharmaceutical Co., Ltd., Japan

8. MARKETING AUTHORISATION HOLDER

Registered by PT Otsuka Indonesia, Malang, Indonesia

9. PACKAGE QUANTITIES AND MARKETING AUTHORISATION NUMBER(S)

ABILIFY ASIMTUFII® 720 mg extended-release injectable suspension

Reg. No. DK1xxxxxxxxxxx

ABILIFY ASIMTUFII® 960 mg extended-release injectable suspension

Reg. No. DKlxxxxxxxxxxx

10. DATE OF FIRST AUTHORISATION

ABILIFY ASIMTUFII® 720 mg extended-release injectable suspension

ABILIFY ASIMTUFII® 960 mg extended-release injectable suspension

Date of first authorisation: DD Month YYYY

11. CLASSIFICATION OF MEDICINE

Medicinal product subject to medical prescription. Obat Keras.

HARUS DENGAN RESEP DOKTER

12. DATE OF REVISION OF THE TEXT

Date of BPOM approval for the update: DD Month YYYY

ABILIFY ASIMTUFII®

Aripiprazole

Baca seluruh isi *leaflet* ini secara saksama sebelum Anda memulai penggunaan obat karena *leaflet* ini berisi informasi yang penting bagi Anda.

- Simpan *leaflet* ini. Anda mungkin perlu untuk membacanya kembali.
- Jika Anda memiliki pernyataan lebih lanjut, tanyakan dokter atau perawat Anda.
- Jika Anda mengalami efek samping, informasikan pada dokter atau perawat Anda. Ini termasuk semua kemungkinan efek samping yang tidak tercantum dalam *leaflet* ini. Lihat bagian 4.

Apa yang terdapat dalam *leaflet* ini

1. Apa itu ABILIFY ASIMTUFII dan apa kegunaannya
2. Apa yang perlu diketahui sebelum menggunakan ABILIFY ASIMTUFII
3. Bagaimana cara menggunakan ABILIFY ASIMTUFII
4. Efek samping yang mungkin terjadi
5. Bagaimana menyimpan ABILIFY ASIMTUFII
6. Isi dari kemasan dan informasi lainnya

1 Apa itu ABILIFY ASIMTUFII dan apa kegunaannya

ABILIFY ASIMTUFII adalah obat yang diresepkan oleh dokter yang diberikan melalui cara suntikan untuk:

- pengobatan skizofrenia pada orang dewasa
 - pengobatan untuk pemeliharaan pada gangguan bipolar I pada orang dewasa
- Belum diketahui apakah ABILIFY ASIMTUFII aman dan efektif untuk anak di bawah usia 18 tahun.

2 Apa yang perlu diketahui sebelum menggunakan ABILIFY ASIMTUFII

ABILIFY ASIMTUFII dapat menyebabkan efek samping serius, termasuk:

- **Peningkatan risiko kematian pada pasien lanjut usia dengan psikosis yang berkaitan dengan demensia.** ABILIFY ASIMTUFII dapat meningkatkan risiko kematian pada pasien usia lanjut dengan gangguan jiwa (psikosis) yang disebabkan oleh kebingungan dan penurunan daya ingat (demensia). ABILIFY ASIMTUFII tidak digunakan untuk pengobatan pasien dengan psikosis yang berkaitan dengan demensia.

Apa yang harus saya beritahukan kepada dokter sebelum menggunakan ABILIFY ASIMTUFII

Sebelum Anda menggunakan ABILIFY ASIMTUFII, beritahu dokter Anda tentang kondisi kesehatan Anda, termasuk apabila Anda:

- belum pernah menggunakan aripiprazole sebelumnya.
- menderita diabetes atau pernah menderita diabetes atau gula darah tinggi atau riwayat keluarga dengan diabetes atau gula darah tinggi. Dokter Anda perlu memeriksa kadar gula darah Anda sebelum mulai menggunakan ABILIFY ASIMTUFII dan selama dalam pengobatan dengan ABILIFY ASIMTUFII.
- memiliki atau pernah memiliki kadar kolesterol total, kolesterol LDL, atau trigliserida yang tinggi, atau kadar kolesterol HDL yang rendah.
- memiliki atau pernah memiliki tekanan darah rendah atau tekanan darah tinggi.
- memiliki atau pernah memiliki masalah jantung atau stroke.
- memiliki atau pernah memiliki jumlah sel darah putih yang rendah.

- mengalami atau pernah mengalami kejang (konvulsi).
- memiliki masalah kesehatan yang dapat berdampak pada penyuntikan di bokong/pantat.
- sedang hamil atau merencanakan kehamilan. ABILIFY ASIMTUFII dapat membahayakan janin Anda. Menerima ABILIFY ASIMTUFII selama kehamilan trimester ketiga Anda dapat menyebabkan bayi Anda memiliki gerakan otot yang tidak normal atau gejala penarikan diri setelah lahir. Bicarakan dengan dokter Anda tentang risiko terhadap janin Anda jika menggunakan ABILIFY ASIMTUFII selama kehamilan.
 - Beritahukan dokter Anda segera jika Anda hamil atau merasa Anda hamil selama pengobatan ABILIFY ASIMTUFII.
- Menyusui atau merencanakan menyusui. ABILIFY ASIMTUFII dapat melalui cairan ASI dan belum diketahui apakah dapat membahayakan bayi Anda. Bicarakan dengan dokter Anda cara terbaik memberikan asupan makan pada bayi Anda jika Anda sedang dalam pengobatan ABILIFY ASIMTUFII.

Beritahu dokter Anda semua obat yang Anda konsumsi, termasuk obat dengan resep dokter, obat yang dapat dibeli bebas, vitamin dan suplemen herbal.

ABILIFY ASIMTUFII dan obat lainnya yang dapat saling mempengaruhi yang menyebabkan kemungkinan efek samping serius.

ABILIFY ASIMTUFII dapat mempengaruhi cara kerja obat lainnya, dan obat-obatan lainnya dapat mempengaruhi cara kerja ABILIFY ASIMTUFII.

Dokter Anda dapat memberitahu Anda apakah aman untuk menggunakan ABILIFY ASIMTUFII dengan obat-obatan Anda yang lain. Jangan memulai atau menghentikan obat apapun selama menggunakan ABILIFY ASIMTUFII tanpa berkonsultasi terlebih dahulu dengan dokter Anda.

Kenali obat yang Anda gunakan. Simpan daftar obat-obatan untuk diperlihatkan pada dokter dan apoteker Anda ketika Anda menerima obat baru.

Jangan menggunakan ABILIFY ASIMTUFII apabila Anda alergi terhadap Aripiprazole atau salah satu bahan lain dari ABILIFY ASIMTUFII. Lihat bagian 6 untuk daftar lengkap bahan-bahan pada ABILIFY ASIMTUFII.

Apa yang harus saya hindari saat menggunakan ABILIFY ASIMTUFII?

- **Jangan** mengemudi, menjalankan mesin, atau kegiatan berbahaya lainnya sampai Anda mengetahui bagaimana ABILIFY ASIMTUFII mempengaruhi Anda. ABILIFY ASIMTUFII dapat mempengaruhi pertimbangan, pemikiran atau kemampuan motorik Anda.
- **Jangan** meminum alkohol selama pengobatan dengan ABILIFY ASIMTUFII.
- **Jangan** kepanasan atau dehidrasi selama pengobatan dengan ABILIFY ASIMTUFII.
 - **Jangan** berolahraga berlebihan.
 - Saat cuaca panas, jika memungkinkan tetaplah di dalam ruangan di tempat yang sejuk.
 - Hindari paparan sinar matahari langsung.
 - **Jangan** memakai baju berlebihan atau baju tebal.
 - Minum banyak air putih.

3 Bagaimana cara menggunakan ABILIFY ASIMTUFII

- Ikuti jadwal pengobatan ABILIFY ASIMTUFII sesuai penjelasan dari dokter Anda.
- Dokter Anda akan memberitahukan seberapa banyak ABILIFY ASIMTUFII yang akan Anda terima dan kapan Anda akan menerimanya.
- ABILIFY ASIMTUFII adalah sediaan injeksi yang disuntikkan pada otot gluteal (bokong/pantat) Anda oleh Dokter Anda setiap 2 bulan sekali.
 - Setelah suntikan pertama dari ABILIFY ASIMTUFII, Anda harus melanjutkan mengonsumsi obat antipsikotik oral Anda selama 2 minggu.

- Jangan melewatkan satu dosis ABILIFY ASIMTUFII. Apabila Anda lupa untuk satu dosis dengan alasan tertentu, segera hubungi dokter Anda untuk mendiskusikan tindakan yang akan dilakukan selanjutnya.

4 Efek samping yang mungkin terjadi

Seperti obat lainnya, obat ini dapat menyebabkan efek samping, meskipun tidak semua orang mengalaminya.

ABILIFY ASIMTUFII dapat menyebabkan efek samping yang serius, termasuk:

- **Lihat pada "Bagian 2 Apa yang perlu diketahui sebelum menggunakan ABILIFY ASIMTUFII"**
- **Stroke, (masalah serebrovaskular) pada pasien lanjut usia dengan psikosis yang berkaitan dengan demensia yang dapat menyebabkan kematian.**
- **Sindrom Neuroleptik Maligna (NMS) merupakan kondisi serius yang dapat menyebabkan kematian.** Hubungi dokter Anda atau datang segera Unit Gawat Darurat terdekat jika Anda memiliki beberapa atau semua tanda dan gejala dari NMS di bawah ini:
 - Demam tinggi
 - Kebingungan
 - Perubahan denyut nadi, detak jantung, dan tekanan darah
 - Kaku otot
 - Banyak berkeringat
- **Gerakan badan tidak terkontrol (*tardive dyskinesia*).** ABILIFY ASIMTUFII dapat menyebabkan gerakan yang tidak terkontrol pada wajah, lidah, atau anggota tubuh lainnya. *Tardive dyskinesia* mungkin tidak segera hilang, meskipun Anda berhenti menerima ABILIFY ASIMTUFII. *Tardive dyskinesia* dapat juga muncul setelah Anda berhenti menggunakan ABILIFY ASIMTUFII.
- **Masalah pada metabolisme seperti:**
 - **Kadar gula darah tinggi (hiperglikemia) dan diabetes:** Peningkatan kadar gula dapat terjadi pada beberapa orang yang mendapatkan pengobatan dengan ABILIFY ASIMTUFII. Peningkatan kadar gula darah secara ekstrim dapat menyebabkan koma atau kematian. Jika Anda memiliki diabetes atau faktor risiko diabetes seperti berat badan berlebih, atau riwayat keluarga dengan diabetes, dokter Anda harus memeriksa kadar gula darah Anda sebelum Anda memulai pengobatan dengan ABILIFY ASIMTUFII, dan selama pengobatan dengan ABILIFY ASIMTUFII.
Hubungi dokter Anda jika mengalami salah satu gejala karena tingginya kadar gula darah selama pengobatan dengan ABILIFY ASIMTUFII:
 - merasa sangat haus.
 - merasa sangat lapar.
 - merasa sakit perut.
 - merasa perlu berkemih lebih dari biasanya.
 - merasa lemas atau lelah.
 - merasa bingung, atau nafas berbau buah.
 - **Peningkatan kadar lemak (kolesterol dan trigliserida) dalam darah Anda.**
 - **Peningkatan berat badan.** Anda dan dokter Anda harus memeriksa berat badan Anda secara teratur selama pengobatan dengan ABILIFY ASIMTUFII.
- **Keinginan yang tidak biasa dan tidak terkontrol (kompulsif).** Beberapa orang yang menggunakan ABILIFY ASIMTUFII memiliki keinginan yang tidak biasa seperti berjudi dan terus berjudi yang tidak dapat dikendalikan (perjudian kompulsif). Keinginan kompulsif lainnya termasuk keinginan seksual, berbelanja, dan makan atau perilaku makan yang berlebihan. Jika Anda atau anggota keluarga Anda menyadari bahwa Anda memiliki keinginan atau tingkah laku yang tidak biasa, hubungi dokter Anda.
- **Penurunan tekanan darah (hipotensi ortostatik).** Anda mungkin akan merasa pusing atau merasa akan pingsan ketika bangkit terlalu cepat dari posisi duduk atau berbaring.

- **Terjatuh.** ABILIFY ASIMTUFII dapat membuat Anda mengantuk atau pusing, dapat menyebabkan penurunan tekanan darah ketika mengubah posisi tubuh (hipotensi ortostatik), dan dapat memperlambat kemampuan berpikir dan kemampuan motorik yang dapat menyebabkan pasien terjatuh sehingga mengalami patah tulang atau cedera lainnya.
- **Jumlah sel darah putih yang rendah.** Dokter Anda mungkin akan melakukan pemeriksaan darah selama beberapa bulan pertama pengobatan dengan ABILIFY ASIMTUFII.
- **Kejang (konvulsi)**
- **Rasa ingin tidur, mengantuk, merasa lelah, sulit berpikir dan beraktivitas normal.** Lihat bagian "Apa yang harus saya hindari saat menggunakan ABILIFY ASIMTUFII?"
- **Masalah pada pengaturan suhu tubuh Anda sehingga merasa terlalu hangat.** Lihat pada bagian "Apa yang harus saya hindari saat menggunakan ABILIFY ASIMTUFII?"
- **Kesulitan menelan** yang dapat menyebabkan makanan atau cairan masuk ke dalam paru-paru.

Efek samping ABILIFY ASIMTUFII yang paling sering terjadi termasuk: peningkatan berat badan, kegelisahan seperti perasaan ingin bergerak tanpa henti (akatisia), nyeri pada tempat penyuntikan, atau mengantuk (*sedation*).

Semua ini bukanlah keseluruhan efek samping dari ABILIFY ASIMTUFII.

Hubungi dokter Anda untuk mengetahui saran medis terkait efek samping.

Gejala-gejala di atas tidak menggambarkan semua reaksi yang tidak diinginkan dari obat ini. Jika Anda melihat atau merasakan gejala-gejala yang mengkhawatirkan seperti yang tercantum atau tidak tercantum di atas, Anda dapat melaporkan efek samping atau ketidaknyamanan secara langsung ke:

PT Otsuka Indonesia

Pondok Indah Office Tower 1 Lantai 8

Jl. Sultan Iskandar Muda Kav. V-TA, Jakarta Selatan 12310

Tel. +62-21-7654466

Email: otsuka.pv@ho.otsuka.co.id

Website: <https://www.otsuka.co.id/id/sideeffect>

Dengan melaporkan efek samping, Anda dapat membantu memberikan informasi lebih lanjut mengenai keamanan obat ini.

Pelaporan efek samping yang Anda lakukan tidak dapat menggantikan konsultasi medis.

Konsultasikan dengan dokter atau apoteker Anda jika Anda melihat atau merasakan gejala-gejala yang mengkhawatirkan seperti yang tercantum atau tidak tercantum di atas.

Informasi umum mengenai keamanan dan efektivitas penggunaan ABILIFY ASIMTUFII.

Jika Anda membutuhkan informasi lebih lanjut, bicarakan dengan dokter atau apoteker Anda. Anda dapat bertanya kepada dokter atau apoteker Anda untuk informasi tentang ABILIFY ASIMTUFII yang tertulis untuk tenaga kesehatan.

5 Bagaimana menyimpan ABILIFY ASIMTUFII

Simpan di bawah 30°C. Jangan dibekukan.

6 Isi dari kemasan dan informasi lainnya

Apa yang terkandung dalam ABILIFY ASIMTUFII

Bahan aktif adalah aripiprazole monohydrate.

Bahan tambahan yang digunakan antara lain *carboxymethylcellulose sodium, povidone, polyethylene glycol 400, sodium phosphate monobasic monohydrate, sodium chloride, sodium hydroxide* dan *water for injection*.

Seperti apa tampilan dan isi kemasan ABILIFY ASIMTUFII

Suspensi injeksi lepas lambat steril berwarna putih sampai putih pucat, suntikan dosis tunggal yang sudah diisi sebelumnya (*pre-filled syringes*) dalam sediaan 720 mg/2.4 mL atau 960 mg/3.2. mL.

**Diproduksi oleh:**

Otsuka Pharmaceutical Co., Ltd.
Tokushima Mima Factory
1-3 Azasatohirano, Mima-cho, Mima-shi,
Tokushima 771-2106, Japan

**Diimpor dan dikemas ulang oleh:**

PT Otsuka Indonesia
Jl. Sumber Waras No. 25
Lawang, Malang 65216, Indonesia

**Dibawah otorisasi dari:**

Otsuka Pharmaceutical Co., Ltd., Japan

Pemilik Izin Edar

Didaftarkan oleh PT Otsuka Indonesia, Malang, Indonesia

Kemasan dan Nomor Izin Edar

ABILIFY ASIMTUFII® 720 mg extended-release injectable suspension

Reg. No. DK1xxxxxxxxxxx

ABILIFY ASIMTUFII® 960 mg extended-release injectable suspension

Reg. No. DK1xxxxxxxxxxx

HARUS DENGAN RESEP DOKTER

Informasi untuk Pasien ini selaras dengan PI ABILIFY ASIMTUFII versi XXX.

Persetujuan BPOM terhadap pembaruan terakhir: DD Month YYYY