Revised: 10/2025

--- DOSAGE FORMS AND STRENGTHS-

 Risks to Patients with Serious Cardiac Disease: Avoid use in patients with known structural cardiac abnormalities. acrdiomyopathy, serious cardiac arrhythmia, coronary artery disease, or other serious cardiac disease (5.2) Increased Blood Pressure and Heart Rate: Monitor blood pressure and pulse, (5.3) Psychiatric Adverse Reactions: Prior to initiating lisdexamfetamine dimesylate chewable tablets, screen patients for risk factors for developing a manic episode. If new psychotic or manic symptoms occur, consider discontinuing lisdexamfetamine diseased to be developed to table to the control of the control

dimesylate chewable tablets. (5.4)

Long-Term Suppression of Growth in Pediatric Patients: Closely monitor growth (height and weight) in pediatric patients

Pediatric patients not growing or gaining height or weight as expected may need to have their treatment interrupted. (5.5)

Peripheral Vasculopathy, including Raynaud's phenomenon: Careful observation for digital changes is necessary during lisdexamfetamine dimesylate chewable tablets treatment. Further clinical evaluation (e.g., rheumatology referral) may be

Serotonia Syndrome: Increased risk when co-administered with serotonergic agents (e.g., SSRIs, SNRIs, triptans), but also during overdosage situations. If it occurs, discontinue lisdexamfetamine dimesylate chewable tablets and initiate supportive

treatment (4, 3.7, 10)

Motor and Verbal Tics, and Worsening of Tourette's Syndrome: Before initiating lisdexamfetamine dimesylate chewable tablets, assess the family history and clinically evaluate patients for tics or Tourette's syndrome. Regularly monitor patients for the emergence or worsening of tics or Tourette's syndrome. Discontinue treatment if clinically appropriate. (5.8)

Most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) in pediatric patients ages 6 to 17 years. and/or adults with ADHD were anorexia, anxiety, decreased appetite, decreased weight, diarrhea, dizziness, dry mouth, irritability insomnia, nausea, upper abdominal pain, and vomiting. (6.1)

Most common adverse reactions (incidence ≥ 5% and at a rate at least twice placebo) in adults with BED were dry mouth, insomnia

To report SUSPECTED ADVERSE REACTIONS, contact Camber Pharmaceuticals, Inc., at 1-866-495-8330 or FDA at 1-800-

DRUG INTERACTIONS—

Acidifying and Alkalinizing Agents: Agents that alter urinary pH can alter blood levels of amphetamine. Acidifying agents decrease amphetamine blood levels, while alkalinizing agents increase amphetamine blood levels. Adjust lisdexamfetamine dimesylate decrease agentique (4.6.*).

--- USE IN SPECIFIC POPULATIONS

----ADVERSE REACTIONS---

----CONTRAINDICATIONS

Known hypersensitivity to amphetamine products or other ingredients in lisdexamfetamine dimesylate (4) Use with monoamine oxidase (MAO) inhibitor, or within 14 days of the last MAO inhibitor dose (4, 7.1)

-----WARNINGS AND PRECAUTIONS-----

appropriate for patients who develop signs or symptoms of peripheral vasculopathy. (5.6)

decreased appetite, increased heart rate, constipation, feeling jittery, and anxiety. (6.1)

FDA-1088 or www.fda.gov/medwatch.

Pregnancy: May cause fetal harm (8.1)
 Lactation: Breastfeeding not recommended (8.2)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

dosage accordingly. (2.6, 7.1)

8 USE IN SPECIFIC POPULATIONS

9.1 Controlled Substance 9.2 Abuse

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

16.2 Storage and Handling

.5 Geriatric Use
.6 Renal Impairment
RUG ABUSE AND DEPENDENCE

NONCLINICAL TOXICOLOGY
 13.1 Carcinogenesis, Mutagenesis, and Impairment of Fertility
 13.2 Animal Toxicology and/or Pharmacology

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

14.1 Attention Deficit Hyperactivity Disorder (ADHD)

14.2 Binge Eating Disorder (BED)16 HOW SUPPLIED/STORAGE AND HANDLING

17 PATIENT COUNSELING INFORMATION

8.1 Pregnancy 8.2 Lactation

9.3 Dependence 10 OVERDOSAGE 11 DESCRIPTION

14 CLINICAL STUDIES

8.4 Pediatric Use

Chewable tablets: 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg (3)

09/2025

HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS safely and effectively. See full prescribing information for LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS.

LISDEXAMFETAMINE DIMESYLATE chewable tablets, for oral use, CII

WARNING: ABUSE, MISUSE, AND ADDICTION

WARNING: ABUSE, MISUSE, AND AUDICTION

See full prescribing information for complete boxed warning.

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse, which can lead to the development of a substance use disorder, including addiction. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death (5.1, 9.2, 10): Before prescribing lisdexamfetamine dim

Educate patients and their families about these risks, proper storage of the drug, and proper disposal of any

unused drug.

Throughout treatment, reassess each patient's risk and frequently monitor for signs and symptoms of abuse, misuse, and addiction.

--- RECENT MAJOR CHANGES---Indications and Usage (1) Warnings and Precautions (5.5)

09/2025 --INDICATIONS AND USAGE----Lisdexamfetamine dimesylate chewable tablets are a central nervous system (CNS) stimulant indicated for the treatment of (1):

Attention Deficit Hyperactivity Disorder (ADHD) in adults and pediatric patients 6 years and older

The use of lisdexamfetamine dimesylate chewable tablets are not recommended in pediatric patients younger than 6 years of age because they had higher plasma exposure and a higher incidence of adverse reactions (e.g., weight loss) than patients 6 years and older at the same dosage (5.5, 8.4)
Lisdexamfetamine dimesylate are not indicated for weight loss. Use of other sympathomimetic drugs for weight loss has been associated with serious cardiovascular adverse events. The safety and effectiveness of lisdexamfetamine dimesylate for the treatment of obesity have not been established (5.2)

----DOSAGE AND ADMINISTRATION--

Indicated Population	Initial Dose	Titration Schedule	Recommended Dose	Maximum Dose
ADHD (Adults and pediatric patients 6 years and older) (2.2)	30 mg every morning	10 mg or 20 mg weekly	30 mg to 70 mg per day	70 mg per day
BED (Adults) (2.3)	30 mg every morning	20 mg weekly	50 mg to 70 mg per day	70 mg per day

Prior to treatment, assess for presence of cardiac disease (2.4)

Moderate to severe binge eating disorder (BED) in adults

Severe renal impairment: Maximum dose is 50 mg/day (2.5) End stage renal disease (ESRD): Maximum dose is 30 mg/day (2.5)

FULL PRESCRIBING INFORMATION: CONTENTS* WARNING: ABUSE, MISUSE, AND ADDICTION INDICATIONS AND USAGE

DOSAGE AND ADMINISTRATION

2.1 Pretreatment Screening
2.2 General Administration Information
2.3 Dosage for Treatment of ADHD 2.4 Dosage for Treatment of Moderate to Severe BED in Adults

2.5 Dosage in Patients with Renal Impairment 2.6 Dosage Modifications due to Drug Interactions DOSAGE FORMS AND STRENGTHS

WARNINGS AND PRECAUTIONS 5.1 Abuse, Misuse, and Addiction 5.2 Risks to Patients with Serious Cardiac Disease

5.2 linses of attentis wint Jedinot Cardiac Disease 5.3 lincreased Blood Pressure and Heart Rate 5.4 Psychiatric Adverse Reactions 5.5 Long-Term Suppression of Growth in Pediatric Patients 5.6 Peripheral Vasculopathy, including Raynaud's Phenomenon

5.7 Serotonin Syndrome 5.8 Motor and Verbal Tics, and Worsening of Tourette's Syndrome 6 ADVERSE REACTIONS 5.1 Clinical Trials Experience

tmarketing Experience

FULL PRESCRIBING INFORMATION

Limitations of Use:

2. DOSAGE AND ADMINISTRATION

2.2 General Administration Information

mg once daily Isee Clinical Studies (14.1)]

2.5 Dosage in Patients with Renal Impairment

3 DOSAGE FORMS AND STRENGTHS

other side. 4 CONTRAINDICATIONS

5 WARNINGS AND PRECAUTIONS

5.1 Abuse, Misuse, and Addiction

5.2 Risks to Patients with Serious Cardiac Disease

5.3 Increased Blood Pressure and Heart Rate

5.4 Psychiatric Adverse Reactions

Exacerbation of Pre-existing Psychosis

of suicide, bipolar disorder, and depression

New Psychotic or Manic Symptoms

dimesylate chewable tablets.

to 6 bpm). Some patients may have larger increases.

Induction of a Manic Episode in Patients with Bipolar Disorder

5.5 Long-Term Suppression of Growth in Pediatric Patients

Lisdexamfetamine dimesylate chewable tablets:

2.6 Dosage Modifications due to Drug Interactions

dimesylate dosage accordingly [see Drug Interactions (7.1)].

Lisdexamfetamine dimesylate chewable tablets are contraindicated in patients with:

2.1 Pretreatment Screening

7 DRUG INTERACTIONS

7.1 Drugs Having Clinically Important Interactions with Amphetamines
7.2 Drugs Having No Clinically Important Interactions with Lisdexamfetamine Dimesylate

Lisdexamfetamine dimesylate chewable tablets are indicated for the treatment of:

Prior to treating patients with lisdexamfetamine dimesylate chewable tablets, assess:

• Lisdexamfetamine dimesylate chewable tablets must be chewed thoroughly before swallowing.

mg per mg basis (for example, 30 mg capsules for 30 mg chewable tablet) [see Clinical Pharmacology (12.3)].

Do not take anything less than one capsule or chewable tablet per day. A single dose should not be divided.

physical exam) [see Warnings and Precautions (5.2)].

Information for lisdexamfetamine dimesylate chewable tablets:

2.4 Dosage for Treatment of Moderate to Severe BED in Adults

WARNING: ABUSE, MISUSE, AND ADDICTION

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse, which can lead to the development of a substance use disorder, including addiction. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death [see Overdosage (10)], and this risk is increased with higher doses or unapproved methods of administration, such as snorting or injection.

Before prescribing lisdexamfetamine dimesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction. Educate patients and their families about these risks, proper storage of the drug, and proper disposal of any unused drug. Throughout lisdexamfetamine dimesylate chewable tablets treatment, reassess each patient's risk of abuse, misuse, and addiction. Educate patients and them to request the proper of abuse, misuse, and addiction.

of abuse, misuse, and addiction and frequently monitor for signs and symptoms of abuse, misuse, and addiction [see Warnings and Precautions (5.1), Drug Abuse and Dependence (9.2)].

Attention Deficit Hyperactivity Disorder (ADHD) in adults and pediatric patients 6 years and older [see Clinical Studies (14.1)]
 Moderate to severe binge eating disorder (BED) in adults [see Clinical Studies (14.2)].

The use of lisdexamfetamine dimesylate chewable tablets are not recommended in pediatric patients younger than 6 years of

The use of inspexametamine dimesylate chewaole tables are not recommended in pediatric patients younger than 6 years of age because they had higher plasma exposure and a higher incidence of adverse reactions (e.g., weight loss) than patients 6 years and older at the same dosage [see Warnings and Precautions (5.5), Use in Specific Populations (8.4)]. Lisdexamfetamine dimesylate are not indicated or recommended for weight loss. Use of other sympathomimetic drugs for weight loss has been associated with serious cardiovascular adverse events. The safety and effectiveness of lisdexamfetamine dimesylate for the treatment of obesity have not been established [see Warnings and Precautions (5.2)].

• for the presence of cardiac disease (i.e., perform a careful history, family history of sudden death or ventricular arrhythmia, and

the family history and clinically evaluate patients for motor or verbal tics or Tourette's syndrome before initiating lisdexamfetamine dimesylate chewable tablets [see Warnings and Precautions (5.8)].

2.2 General Administration mornination:
Take listexamfetamine dimesylate orally in the morning with or without food; avoid afternoon doses because of the potential for insomnia. Listexamfetamine dimesylate may be administered in one of the following ways:

2.3 Dosage for Treatment of ADHD

The recommended starting dosage in adults and pediatric patients 6 years and older is 30 mg once daily in the morning. Dosage

may be adjusted in increments of 10 mg or 20 mg at approximately weekly intervals up to maximum recommended dosage of 70

In patients with severe renal impairment (GFR 15 to <30 mL/min/1.73 m²), the maximum dosage should not exceed 50 mg once

daily. In patients with end stage renal disease (ESRD, GFR <15 mL/min/1.73 m²), the maximum recommended dosage is 30 mg once daily [see Use in Specific Populations (8.6)].

Agents that alter urinary pH can impact urinary excretion and alter blood levels of amphetamine. Acidifying agents (e.g., ascorbic acid) decrease blood levels, while alkalinizing agents (e.g., sodium bicarbonate) increase blood levels. Adjust lisdexamfetamine

. Chewable tablets 10 mg: White to off-white, round biconvex tablets, debossed 'AT' on one side and '10' on the other side Chewable tablets 20 mg: White to off-white, hexagon shaped biconvex tablets, debossed 'AT' on one side and '20' on the

Chewable tablets 30 mg: White to off-white, triangle shaped biconvex tablets, debossed 'AT' on one side and '30' on the

Chewable tablets 50 mg: White to off-white, square shaped biconvex tablets, debossed 'AT' on one side and '50' on the other

Chewable tablets 60 mg: White to off-white, diamond shaped biconvex tablets, debossed 'AT' on one side and '60' on the

Known hypersensitivity to amphetamine products or other ingredients of lisdexamfetamine dimesylate. Anaphylactic reactions Stevens-Johnson Syndrome, angioedema, and urticaria have been observed in postmarketing reports [see Adverse Reactions]

Patients taking monoamine oxidase inhibitors (MAOIs), or within 14 days of stopping MAOIs (including MAOIs such as linezolid
or intravenous methylene blue), because of an increased risk of hypertensive crisis [see Warnings and Precautions (5.7) and
Drug Interactions (7.1)].

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse. The use of lisdexamfetamine dimesylate Lisuexammetamine unnesynate chewable tablets has a night potentian for aduse and misuse. The use of insuexammetamine unnesynate chewable tablets exposes individuals to the risks of abuse and misuse, which can lead to the development of a substance use disorder, including addiction. Lisdexamfetamine dimesylate chewable tablets can be diverted for non-medical use into illicit channels or distribution [see Drug Abuse and Dependence (9.2)]. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death [see Overdosage (10)], and this risk is increased with higher doses or unapproved methods of administration, such as snorting or injection.

Before prescribing lisdexamfetamine dimesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction. Educate patients and their families about these risks and proper disposal of any unused drug. Advise patients to store lisdexamfetamine dimesylate chewable tablets in a safe place, preferably locked, and instruct patients to not give lisdexamfetamine dimesylate chewable tablets to anyone else. Throughout lisdexamfetamine dimesylate chewable tablets treatment, reassess each patient's risk of abuse, misuse, and addiction and frequently monitor for signs and symptoms of abuse, misuse, and addiction.

Sudden death has been reported in patients with structural cardiac abnormalities or other serious cardiac disease who were

treated with CNS stimulants at the recommended ADHD dosage. Avoid lisdexamfetamine dimesylate chewable tablets use in patients with known structural cardiac abnormalities, cardiomyopathy, serious cardiac arrhythmia, coronary artery disease, or

CNS stimulants cause an increase in blood pressure (mean increase about 2 to 4 mm Hg) and heart rate (mean increase about 3

 $\hbox{CNS stimulants may exacerbate symptoms of behavior disturbance and thought disorder in patients with a pre-existing psychotic$

CNS stimulants may induce a manic or mixed episode. Prior to initiating lisdexamfetamine dimesylate chewable tablets treatment screen patients for risk factors for developing a manic episode (e.g., comorbid or history of depressive symptoms or a family history

CNS stimulants, at the recommended dosage, may cause psychotic or manic symptoms (e.g., hallucinations, delusional thinking, or mania) in patients without a prior history of psychotic illness or mania. In a pooled analysis of multiple short-term, placebo-controlled studies of CNS stimulants, psychotic or manic symptoms occurred in approximately /h of CNS stimulant-treated patients compared to 0% of placebo-treated patients. If such symptoms occur, consider discontinuing lisdexamfetamine

Lisdexamfetamine dimesylate chewable tablets are not approved for use and are not recommended in pediatric patients below 6 years of age [see Use in Specific Populations (8.4)].

In a 4-week, placebo-controlled trial of lisdexamfetamine dimesylate chewable tablets in pediatric patients ages 6 to 12 years old with ADHD, there was a dose-related decrease in weight in the lisdexamfetamine dimesylate chewable tablets groups compared to weight gain in the placebo group. Additionally, in studies of another stimulant, there was slowing of the increase in height [see Adverse Reactions (6.1)].

Closely monitor growth (weight and height) in lisdexamfetamine dimesylate chewable tablets-treated pediatric patients. Patients who are not growing or gaining height or weight as expected may need to have their treatment interrupted.

5.6 Peripheral Vasculopathy, including Raynaud's Phenomenon
CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, used to treat ADHD are associated with peripheral vasculopathy, including Raynaud's phenomenon. Signs and symptoms are usually intermittent and mild; however, sequelae have included digital ulceration and/or soft tissue breakdown. Effects of peripheral vasculopathy, including Raynaud's phenomenon, were observed in post-marketing reports and at the therapeutic dosages of CNS stimulants in all age groups throughout the course of treatment. Signs and symptoms generally improved after dosage reduction or discontinuation of the CNS stimulant.

Careful observation for digital changes is necessary during lisdexamfetamine dimesylate chewable tablets treatment. Further clinical evaluation (e.g., rheumatology referral) may be appropriate for lisdexamfetamine dimesylate chewable tablets-treated patients who develop signs or symptoms of peripheral vasculopathy.

S-7. Serotonin Syndrome
Serotonin Syndrome
Serotonin syndrome
Serotonin syndrome, a potentially life-threatening reaction, may occur when amphetamines are used in combination with other drugs that affect the serotonergic neurotransmitter systems such as monocamine oxidase inhibitors (MAOIs), selective serotonin reuptake inhibitors (SNIs), serotonin norepinepthrine reuptake inhibitors (SNIs), triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, and St. John's Wort [see Drug Interactions (7.1)]. The co-administration with cytochrome

CNS stimulants have been associated with weight loss and slowing of growth rate in pediatric patients

Monitor all lisdexamfetamine dimesylate chewable tablets-treated patients for potential tachycardia and hypertension

able tablets 40 mg: White to off-white, modified capsule shaped biconvex tablets, debossed 'AT' on one side and '40'

The recommended starting dosage in adults is 30 mg once daily to be titrated in increments of 20 mg at approximately w intervals to achieve the recommended target dose of 50 mg to 70 mg once daily. The maximum recommended dosage is 7 once daily [see Clinical Studies (14.2)]. Discontinue lisdexamfetamine dimesylate if binge eating does not improve.

P450 2D6 (CYP2D6) inhibitors may also increase the risk with increased exposure to the active metabolite of lisdexamfetamine dimesylate (dextroamphetamine). In these situations, consider an alternative non-serotonergic drug or an alternative drug that does not inhibit CYP2D6 [see Drug Interactions (7.1)].

Serotonin syndrome symptoms may include mental status changes (e.g., agitation, hallucinations, delirium, and coma), autonomic instability (e.g., tachycardia, labile blood pressure, dizziness, diaphoresis, flushing, hyperthermia), neuromuscular symptoms (e.g., tremor, rigidity, myoclonus, hyperreflexia, incoordination), seizures, and/or gastrointestinal symptoms (e.g., nausea, vomiting, distributed in the control of the co diarrhea) Concomitant use of lisdexamfetamine dimesylate with MAOI drugs is contraindicated [see Contraindications (4)]

Discontinue treatment with lisdexamfetamine dimesylate and any concomitant serotonergic agents immediately if symptoms of serotonin syndrome occur, and initiate supportive symptomatic treatment. If concomitant use of lisdexamfetamine dimesylate with other serotonergic drugs or CYP2D6 inibilitors is clinically warranted, initiate lisdexamfetamine dimesylate with lower doses, monitor patients for the emergence of serotonin syndrome during drug initiation or titration, and inform patients of the increased risk for serotonin syndrome. 5.8 Motor and Verbal Tics, and Worsening of Tourette's Syndrome

CNS stimulants, including amphetamine, have been associated with the onset or exacerbation of motor and verbal tics. Worsening of Tourette's syndrome has also been reported [see Adverse Reactions (6.2)]. Before initiating lisdexamfetamine dimesylate chewable tablets, assess the family history and clinically evaluate patients for tics or Tourette's syndrome. Regularly monitor lisdexamfetamine dimesylate chewable tablets-treated patients for the emergence or ening of tics or Tourette's syndrome, and discontinue treatment if clinically appropriate.

6 ADVERSE REACTIONS The following adverse reactions are discussed in greater detail in other sections of the labeling: Known hypersensitivity to amphetamine products or other ingredients of lisdexamfetamine dimesylate [see Contraindications (4)]

Hypertensive Crisis When Used Concomitantly with Monoamine Oxidase Inhibitors [see Contraindications (4) and Dru Hypertensive Crisis When Used Concomitantly with Monoamine Oxidase Inhibitors [see Contraindications (4) and Drug Interactions (7.1)]

Abuse, Misuse, and Addiction [see Boxed Warning, Warnings and Precautions (5.1), and Drug Abuse and Dependence (9.2, 9.3)]

Risks to Patients with Serious Cardiac Disease [see Warnings and Precautions (5.2)]

Increased Blood Pressure and Heart Rate [see Warnings and Precautions (5.3)]

Psychiatric Adverse Reactions [see Warnings and Precautions (5.4)]

Long-Term Suppression of Growth in Pediatric Patients [see Warnings and Precautions (5.5)]

Peripheral Vasculopathy, including Raynaud's phenomenon [see Warnings and Precautions (5.6)]

Serotonin Syndrome [see Warnings and Precautions (5.7)]

Motor and Verbal Tics, and Worsening of Tourette's Syndrome [see Warnings and Precautions (5.8)]

6.1 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. Attention Deficit Hyperactivity Disorder
The safety data in this section is based on data from the 4-week controlled parallel-group clinical studies of lisdexamfetamine dimesylate in pediatric and adult patients with ADHD [see Clinical Studies (14.1)]. Lisdexamfetamine dimesylate capsules can be substituted with lisdexamfetamine dimesylate chewable tablets on a unit per unit/ Adverse Reactions Associated with Discontinuation of Treatment in ADHD Clinical Trials

In the controlled trial in pediatric patients ages 6 to 12 years (Study 1), 8% (18/218) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 0% (0/72) of placebo-treated patients. The most frequently reported adverse reactions (1% or more and twice rate of placebo) were ECG voltage criteria for ventricular hypertrophy, tic. vomiting psychomotor hyperactivity, insomnia, decreased appetite and rash [2] instances for each adverse reaction, i.e., 2/218 (1%)]. Les equently reported adverse reactions (less than 1% or less than twice rate of placebo) included abdominal pain upper dry mouth veight decreased, dizziness, somnolence, logorrhea, chest pain, anger and hypertension. In the controlled trial in pediatric patients ages 13 to 17 years (Study 4), 3% (7/233) of lisdexamfetamine dimesylate-treated

patients discontinued due to adverse reactions compared to 1% (1/77) of placebo, treated patients. The most frequently reported adverse reactions (1% or more and twice rate of placebo) were decreased appetite (2/233; 1%) and insomnia (2/233; 1%). Less frequently reported adverse reactions (less than 1% or less than twice rate of placebo) included irritability, dermatillomania, mood In the controlled adult trial (Study 7), 6% (21/358) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse eactions compared to 2% (1/62) of placebo-treated patients. The most frequently reported adverse reactions (1% or more and

video rate of placebol were insomnia (8/358; 2%), tachycardia (3/358; 1%), irritability (2/358; 1%), hypertension (4/358; 1%), neadache (2/358; 1%), anxiety (2/358; 1%), and dyspnea (3/358; 1%). Less frequently reported adverse reactions (less than 1% or less than twice rate of placebo) included palpitations, diarrhea, nausea, decreased appetite, dizziness, agitation, depression, Adverse Reactions Occurring at an Incidence of ≥5% or More Among Lisdexamfetamine Dimesylate Treated Patients with ADHD

reminal mais he most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) reported in pediatric patients ages 6 to 7 years, and/or adults were anorexia, anxiety, decreased appetite, decreased weight, diarrhea, dizziness, dry mouth, irritability, somnia, nausea, upper abdominal pain, and vomiting. Adverse Reactions Occurring at an Incidence of 2% or More Among Lisdexamfetamine Dimesylate Treated Patients with ADHD in

Adverse reactions reported in the controlled trials in pediatric patients ages, 6 to 12 years (Study 1), pediatric patients ages 13 o 17 years (Study 4), and adult patients (Study 7) treated with lisdexamfetamine dimesylate or placebo are presented in Tables 1, 2 and 3 below

Adverse Reactions Reported by 2% or More of Pediatric Patients Ages 6 to 12 Years with ADHD Takin Lisdexamfetamine Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking PI in a 4-Week Clinical Trial (Study 1)

	Lisdexamfetamine dimesylate (n=218)	Placebo (n=72)
Decreased Appetite	39%	4%
Insomnia	22%	3%
Abdominal Pain Upper	12%	6%
Irritability	10%	0%
Vomiting	9%	4%
Weight Decreased	9%	1%
Nausea	6%	3%
Dry Mouth	5%	0%
Dizziness	5%	0%
Affect lability	3%	0%
Rash	3%	0%
Pyrexia	2%	1%
Somnolence	2%	1%
Tic	2%	0%
Anorexia	2%	0%

Adverse Reactions Reported by 2% or More of Pediatric Patients Ages 13 to 17 Years with ADHD Taking Lisdexamfetamine Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo

in a 4-Week Clinical Trial (Study 4)			
	Lisdexamfetamine dimesylate (n=233)	Placebo (n=77)	
Decreased Appetite	34%	3%	
Insomnia	13%	4%	
Weight Decreased	9%	0%	
Dry Mouth	4%	1%	
Palpitations	2%	1%	
Anorexia	2%	0%	
Tremor	2%	0%	
oble 2 Adverse Positions Pone	rted by 20/ or More of Adult Detients with	h ADUD Taking Lindayamfatamina	

erse Reactions Reported by 2% or More of Adult Patients with ADHD Taking Lisdexamfetamine esylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo in a 4-Week

omiour true (oracl) .)				
	Lisdexamfetamine dimesylate (n=358)	Placebo (n=62)		
Decreased Appetite	27%	2%		
Insomnia	27%	8%		
Dry Mouth	26%	3%		
Diarrhea	7%	0%		
Nausea	7%	0%		
Anxiety	6%	0%		
Anorexia	5%	0%		
Feeling Jittery	4%	0%		
Agitation	3%	0%		

Increased Blood Pressure 3% Hyperhidrosis 3% 0% Restlessness 3% 0% Decreased Weight 3% 0% 0% Dyspnea Increased Heart Rate 2% 0% 0% 2% Tremor Palpitations 2% 0%

In addition, in the adult population erectile dysfunction was observed in 2.6% of males on lisdexamfetamine dimes placebo; decreased libido was observed in 1.4% of subjects on lisdexamfetamine dimesylate and 0% on placebo Weight Loss and Slowing Growth Rate in Pediatric Patients with ADHD

Weight Loss and Slowing Growth Rate in Pediatric Patients with ADHD in a controlled trial of lisdexamfetamine dimesylate in pediatric patients ages 6 to 12 years (Study 1), mean weight loss from baseline after 4 weeks of therapy was -0.9, -1.9, and -2.5 pounds, respectively, for patients receiving 30 mg, 50 mg, and 70 mg of lisdexamfetamine dimesylate, compared to a 1 pound weight gain for patients receiving placebo. Higher doses were associated with greater weight loss with 4 weeks of treatment. Careful follow-up for weight in pediatric patients ages 6 to 12 years who received lisdexamfetamine dimesylate over 12 months suggests that consistently medicated pediatric patients (i.e., treatment for 7 days per week throughout the year) have a slowing in growth rate, measured by body weight as demonstrated by an age- and sex-normalized mean change from baseline in percentile, of -13.4 over 1 year (average percentiles at baseline and 12 months were 60.9 and 47.2, respectively). In a 4-week controlled trial of lisdexamfetamine dimesylate in pediatric patients ages 13 to 17 years, mean weight loss from baseline to endpoint was -2.7, -4.3, and -4.8 bs., respectively, for patients eveling 30 mg, 50 mg, and 70 mg of lisdexamfetamine dimesylate, compared to a 2.0 pound weight gain for patients receiving placebo.

Careful follow-up of weight and height in pediatric patients ages 7 to 10 years who were randomized to either methylphenidate Careful follow-up of weight and height in pediatric patients ages 7 to 10 years who were randomized to either methylphenidate or non-medication treatment groups over 14 months, as well as in naturalistic subgroups of new hethylphenidate-treated and non-medication treated pediatric patients over 36 months (to the ages of 10 to 13 years), suggests that consistently medicated pediatric patients ages 7 to 13 years (i.e., treatment for 7 days per week throughout the year) have a temporary slowing in growth rate (on average, a total of about 2 cm less growth in height and 2.7 kg less growth in weight over 3 years), without evidence of growth rebound during this period of development. In a controlled trial of amphetamine (d- to I-enantiomer ratio of 3:1) in pediatric patients ages 13 to 17 years, mean weight change from baseline within the initial 4 weeks of therapy was -1.1 pounds and -2.8 pounds, respectively, for patients receiving 10 mg and 20 mg of amphetamine. Higher doses were associated with greater weight loss within the initial 4 weeks of treatment [see Warnings and Precautions (5.5)].

Weight Loss in Adults with ADHD In the controlled adult trial (Study 7), mean weight loss after 4 weeks of therapy was 2.8 pounds, 3.1 pounds, and 4.3 pounds, for patients receiving final doses of 30 mg, 50 mg, and 70 mg of lisdexamfetamine dimesylate, respectively, compared to a mean weight gain of 0.5 pounds for patients receiving placebo. Binge Eating Disorder

The safety data in this section is based on data from two 12-week parallel group, flexible-dose, placebo-controlled studies in adults with BED [see Clinical Studies 14.2]. Patients with cardiovascular risk factors other than obesity and smoking were excluded. Adverse Reactions Associated with Discontinuation of Treatment in BED Clinical Trials

In controlled trials of patients ages 18 to 55 years, 5.1% (19373) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 2.4% (9/372) of placebo-treated patients. No single adverse reaction led to discontinuation in 1% or more of lisdexamfetamine dimesylate-treated patients. Less commonly reported adverse reactions (less than 1% or less than twice rate of placebo) included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, eeling jittery and anxiety.

Adverse Reactions Occurring at an Incidence of 5% or More and At Least Twice Placebo Among Lisdexamfetamine Dimesylate Treated Patients with BED in Clinical Trials
The most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) reported in adults were dry mouth, insomnia, decreased appetite, increased heart rate, constipation, feeling jittery, and anxiety.

Adverse Reactions Occurring at an Incidence of 2% or More and At Least Twice Placebo Among Lisdexamfetamine Dimesylate Adverse Reactions occurring at an includence of 2% or wore and At Least Twice Piacebo Among Lisuexamiletamine of inesystate Treated Patients with BED in Clinical Trials

Adverse reactions reported in the pooled controlled trials in adult patients (Study 11 and 12) treated with lisdexamfetamine dimesylate or placebo are presented in Table 4 below.

Adverse Reactions Reported by 2% or More of Adult Patients with BED Taking Lisdexamfetamine Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo in 12-Week Clinical Trials (Study 11 and 12)

	Lisdexamfetamine dimesylate (N=373)	Placebo (N=372)
Dry Mouth	36%	7%
Insomnia ¹	20%	8%
Decreased Appetite	8%	2%
Increased Heart Rate ²	7%	1%
Feeling Jittery	6%	1%
Constipation	6%	1%
Anxiety	5%	1%
Diarrhea	4%	2%
Decreased Weight	4%	0%
Hyperhidrosis	4%	0%
Vomiting	2%	1%
Gastroenteritis	2%	1%
Paresthesia	2%	1%
Pruritus	2%	1%
Upper Abdominal Pain	2%	0%
Energy Increased	2%	0%
Urinary Tract Infection	2%	0%
Nightmare	2%	0%
Restlessness	2%	0%
Oropharyngeal Pain	2%	0%

1 Includes all preferred terms containing the word "insomnia. 2 Includes the preferred terms "heart rate increased" and "tachycardia."

6.2 Postmarketing Experience

The following adverse reactions have been identified during post-approval use of lisdexamfetamine dimesylate. 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. These events are as follows: cardiomyopathy, mydriasis, diplopia, difficulties with visual accommodation, blurred vision, eosinophilic hepatitis, anaphylactic reaction, hypersensitivity, dyskinesia, dysgeusia, motor and verbal tics, bruxism, depression, dermatillomania, alopecia, aggression, Stevens-Johnson Syndrome, chest pain, angloedema, urticaria, seizures, libido changes, frequent or prolonged erections, constipation, rhabdomyolysis, and intestinal ischemia.

7.1 Drugs Having Clinically Important Interactions with Amphetamine

Table 5 Drugs having clinically important interactions with amphetami

MAO Inhibitors (MAO))
Clinical Impact	MAOI antidepressants slow amphetamine metabolism, increasing amphetamines effect or the release of norepinephrine and other monoamines from adrenergic nerve endings causing headaches and other signs of hypertensive crisis. Toxic neurological effects and malignant hyperpyrexia can occur, sometimes with fatal results.
Intervention	Do not administer lisdexamfetamine dimesylate during or within 14 days following the administration of MAOI [see Contraindications (4)].
Serotonergic Drugs	
Clinical Impact	The concomitant use of lisdexamfetamine dimesylate and serotonergic drugs increases the rist of serotonin syndrome.
Intervention	Initiate with lower doses and monitor patients for signs and symptoms of serotonin syndrome particularly during lisdexamfetamine dimesylate initiation or dosage increase. If serotonin syndrome occurs, discontinue lisdexamfetamine dimesylate chewable tablets and the concomitant serotonergic drug(s) [see Warnings and Precautions (5.7)].
CYP2D6 Inhibitors	·
Clinical Impact	The concomitant use of lisdexamfetamine dimesylate and CYP2D6 inhibitors may increas the exposure of dextroamphetamine, the active metabolite of lisdexamfetamine dimesylate compared to the use of the drug alone and increase the risk of serotonin syndrome.
Intervention	Initiate with lower doses and monitor patients for signs and symptoms of serotonin syndrom particularly during lisdexamfetamine dimesylate initiation and after a dosage increase. I serotonin syndrome occurs, discontinue lisdexamfetamine dimesylate and the CYP2D6 inhibito [see Warnings and Precautions (5.7) and Overdosage (10)].
Alkalinizing Agents	
Clinical Impact	Urinary alkalinizing agents can increase blood levels and potentiate the action of amphetamine.
Intervention	Co-administration of lisdexamfetamine dimesylate and urinary alkalinizing agents should be avoided.

	syndrome occurs, discontinue lisdexamfetamine dimesylate chewable tablets and the concomitant serotonergic drug(s) [see Warnings and Precautions (5.7)].	
CYP2D6 Inhibitors		
Clinical Impact	The concomitant use of lisdexamfetamine dimesylate and CYP2D6 inhibitors may increase the exposure of dextroamphetamine, the active metabolite of lisdexamfetamine dimesylate compared to the use of the drug alone and increase the risk of serotonin syndrome.	
Intervention	Initiate with lower doses and monitor patients for signs and symptoms of serotonin syndrom particularly during lisdexamfetamine dimesylate initiation and after a dosage increase. serotonin syndrome occurs, discontinue lisdexamfetamine dimesylate and the CYP2D6 inhibito (see Warnings and Precautions (5.7) and Overdosage (10)].	
Alkalinizing Agents		
Clinical Impact	Urinary alkalinizing agents can increase blood levels and potentiate the action of amphetamine	
Intervention	Co-administration of lisdexamfetamine dimesylate and urinary alkalinizing agents should be avoided.	
Acidifying Agents		
Clinical Impact	Urinary acidifying agents can lower blood levels and efficacy of amphetamines.	
Intervention	Increase dose based on clinical response.	
Tricyclic Antidepressants	3	
Clinical Impact	May enhance the activity of tricyclic or sympathomimetic agents causing striking and sustaine increases in the concentration of d-amphetamine in the brain; cardiovascular effects can be potentiated.	
Intervention	Monitor frequently and adjust or use alternative therapy based on clinical response.	
rom a pharmacokinetic per	ally Important Interactions with Lisdexamfetamine Dimesylate spective, no dose adjustment of lisdexamfetamine dimesylate is necessary when lisdexamfetamine ed with guanfacine, venlafaxine, or omeprazole. In addition, no dose adjustment of guanfacine or	

venlafaxine is needed when lisdexamfetamine dimesylate is co-administered [see Clinical Pharmacology (12.3)].

From a pharmacokinetic perspective, no dose adjustment for drugs that are substrates of CYP1A2 (e.g., theophylline, duloxetine, nelatonin), CYP2D6 (e.g., atomoxetine, desipramine, venlafaxine), CYP2C19 (e.g., omeprazole, lansoprazole, clobazam), and CYP3A4 (e.g., midazolam, pimozide, simvastatin) is necessary when lisdexamfetamine dimesylate is co-administered [see Clinical] CYP3A4 (e.g., midazolam, pimozide, simvastatin) is necessary when lisdexamfeta

8 USE IN SPECIFIC POPULATIONS 8.1 Pregnancy

Pregnancy Exposure Registry
There is a pregnancy exposure registry that monitors pregnancy outcomes in women exposed to ADHD medications during pregnancy, Healthcare providers are encouraged to register patients by calling the National Pregnancy Registry for Psychostimulants at 1-866-961-2388 or visiting online at https://womensmentalhealth.org/clinical-and-research-programs/pregnancyregistry/

Risk Summary

The limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant Ine limited available data from published literature and postmarketing reports on use of lisexamitetamine dimesylate in pregnant women are not sufficient to inform a drug-associated risk for major birth defects and miscarriage. Adverse pregnancy outcomes, including premature delivery and low birth weight, have been seen in infants born to mothers dependent on amphetamines [see Clinical Considerations]. In animal reproduction studies, lisdexamfetamine dimesylate (a prodrug of d-amphetamine) had no effects on embryo-fetal morphological development or survival when administered orally to pregnant rats and rabbits throughout the period of organogenesis. Pre- and postnatal studies were not conducted with lisdexamfetamine dimesylate. However, amphetamine (d- to I-ratio of 3:1) administration to pregnant rats during gestation and lactation caused a decrease in pup survival and a decrease in pup body weight that correlated with a delay in developmental landmarks at clinically relevant doses of amphetamine. In addition, adverse effects on reproductive performance were observed in pups whose mothers were treated with amphetamine. In one-term adverse effects on reproductive performance were observed in pups whose mothers were treated with amphetamine. Long-term neurochemical and behavioral effects have also been reported in animal developmental studies using clinically relevant doses of amphetamine [see Data].

The estimated background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnancies have a background risk of birth defect, loss or other adverse outcomes. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2-4% and 15-20%, respectively. Clinical Considerations

Amphetamines, such as lisdexamfetamine dimesylate, cause vasoconstriction and thereby may decrease placental perfusion. In addition, amphetamines can stimulate uterine contractions increasing the risk of premature delivery. Infants born to amphetaminedependent mothers have an increased risk of premature delivery and low birth weight.

Monitor infants born to mothers taking amphetamines for symptoms of withdrawal such as feeding difficulties, irritability, agitation, and excessive drowsiness.

Lisdexamfetamine dimesylate had no apparent effects on embryo-fetal morphological development or survival when administered orally to pregnant rats and rabbits throughout the period of organogenesis at doses of up to 40 and 120 mg/kg/day, respectively. These doses are approximately 5.5 and 33 times, respectively, the maximum recommended human dose (MRHD) of 70 mg/day

given to adults, on a mg/m2 body surface area basis. A study was conducted with amphetamine (d- to I-enantiomer ratio of 3:1) in which pregnant rats received daily oral doses of 2, o, amu ru mg/kg rrom gestation day 6 to lactation day 20. All doses caused hyperactivity and decreased weight gain in the dams. A decrease in pup survival was seen at all doses. A decrease in pup body weight was seen at 6 and 10 mg/kg which correlated with delays in developmental landmarks, such as preputial separation and vaginal opening. Increased pup locomotor activity was seen at 10 mg/kg on day 22 postpartum but not at 5 weeks postweaning. When pups were tested for reproductive performance at maturation, gestational weight gain, number of implantations, and number of delivered pups were decreased in the group whose mothers had been given 10 mg/kg. 6, and 10 mg/kg from gestation day 6 to lactation day 20. All doses caused hyperactivity and decreased weight gain in the dams.

A number of studies from the literature in rodents indicate that prenatal or early postnatal exposure to amphetamine (d- or d, l-) at doses similar to those used clinically can result in long-term neurochemical and behavioral alterations. Reported behavioral effects include learning and memory deficits, altered locomotor activity, and changes in sexual function.

Risk Summary mine is a pro-drug of dextroamphetamine. Based on limited case reports in published literature, amphetamine (d- or d, I-) is present in human milk, at relative infant doses of 2% to 13.8% of the maternal weight-adjusted dosage and a milk/plasma ratio ranging between 1.9 and 7.5. There are no reports of adverse effects on the breastfed infant. Long-term neurodevelopmental rauo ranging petween 1.9 and 7.5. There are no reports of adverse effects on the breastfed infant. Long-term neurodevelopmental effects on infants from amphetamine exposure are unknown. It is possible that large dosages of dextroamphetamine might interfere with milk production, especially in women whose lactation is not well established. Because of the potential for serious adverse reactions in nursing infants, including serious cardiovascular reactions, blood pressure and heart rate increase, suppression of growth, and peripheral vasculopathy, advise patients that breastfeeding is not recommended during treatment with lisdexamfetamine dimesylate. 8.4 Pediatric Use

effectiveness of lisdexamfetamine dimesylate chewable tablets have not been established in pediatric patients

Safety and effectiveness of lisdexamfetamine dimesylate have been established in pediatric patients with ADHD ages 6 to 17 years [see Dosage and Administration (2.3), Adverse Reactions (6.1), Clinical Pharmacology (12.3), and Clinical Studies (14.1)]. Safety and efficacy of lisdexamfetamine dimesylate were evaluated in a double-blind, randomized, parallel-group, placebo-controlled, fixed-dose study in pediatric patients ages 4 to 5 years with ADHD, followed by a 1-year open-label extension study. In these studies, patients experienced elevated rates of adverse reactions, including weight loss, decreased BMI, decreased appetite, insomnia, infections (upper respiratory and nasopharyngitis), irritability, and affect lability.

With the same lisdexamfetamine dimesylate dose, mean steady state exposure of dextroamphetamine was approximately 44% higher in pediatric patients ages 4 to 5 years compared to the pediatric patients ages 6 to 11 years.

<u>BED</u> Safety and effectiveness of lisdexamfetamine dimesylate have not been established in pediatric patients with BED less than 18

Growth Suppression
Growth should be monitored during treatment with stimulants, including lisdexamfetamine dimesylate, and pediatric patients who are not growing or gaining weight as expected may need to have their treatment interrupted [see Warnings and Precautions (5.5) and Adverse Reactions (6.1)].

<u>Juvenile Animal Data</u>
Studies conducted in juvenile rats and dogs at clinically relevant doses showed growth suppression that partially or fully reversed in dogs and female rats but not in male rats after a four-week drug-free recovery period.

A study was conducted in which juvenile rats received oral doses of 4, 10, or 40 mg/kg/day of lisdexamfetamine dimesylate from day 7 to day 63 of age. These doses are approximately 0.3, 0.7, and 3 times the maximum recommended human daily dose of 70 mg on a mg/m² basis for a child. Dose-related decreases in food consumption, bodyweight gain, and crown-rump length were seen; after a four-week drug-free recovery period, bodyweights and crown-rump lengths had significantly recovered in females but were still substantially reduced in males. Time to vaginal opening was delayed in females at the highest dose, but there were no drug effects on fertility when the animals were mated beginning on day 85 of age.

In a study in which juvenile dogs received lisdexamfetamine dimesylate for 6 months beginning at 10 weeks of age, decreased bodyweight gain was seen at all doses tested (2, 5, and 12 mg/kg/day, which are approximately 0.5, 1, and 3 times the maximum recommended human daily dose on a mg/m² basis for a child). This effect partially or fully reversed during a four-week drug-free recovery period. 8.5 Geriatric Use
Clinical studies of lisdexamfetamine dimesylate did not include sufficient numbers of subjects aged 65 and over to determine

whether they respond differently from younger subjects. Other reported clinical experience and pharmacokinetic data [see Clinical Pharmacology (12.3)] have not identified differences in responses between the elderly and younger patients. In general, dose selection for an elderly patient should start 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.

Due to reduced clearance in patients with severe renal impairment (GFR 15 to <30 mL/min/1.73 m²), the maximum dose should not exceed 50 mg/day. The maximum recommended dose in ESRD (GFR <15 mL/min/1.73 m²) patients is 30 mg/day [see Clinical Pharmacology (12.3)1. Lisdexamfetamine and d-amphetamine are not dialyzable.

9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance
Lisdexamfetamine dimesylate chewable tablets contains lisdexamfetamine, a prodrug of amphetamine, a Schedule II controlled 9.2 Ahuse

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse which can lead to the development of a substance use disorder, including addiction [see Warnings and Precautions (5.1)]. Lisdexamfetamine dimesylate chewable tablets can be diverted for non-medical use into illicit channels or distribution.

Abuse is the intentional non-therapeutic use of a drug, even once, to achieve a desired psychological or physiological effect. Misuse is the intentional use, for therapeutic purposes, of a drug by an individual in a way other than prescribed by a health care provider or for whom it was not prescribed. Drug addiction is a cluster of behavioral, cognitive, and physiological phenomena that may include a strong desire to take the drug, difficulties in controlling drug use (e.g., continuing drug use despit armful consequences, giving a higher priority to drug use than other activities and obligations), and possible tolerance or physical dependence.

Misuse and abuse of lisdexamfetamine, a prodrug of amphetamine, may cause increased heart rate, respiratory rate, or blood pressure; sweating; dilated pupils; hyperactivity; restlessness; insomnia; decreased appetite; loss of coordination; tremors; flushed skin; vomiting; and/or abdominal pain. Anxiety, psychosis, hostility, aggression, and suicidal or homicidal ideation have also been observed with CNS stimulants abuse and/or misuse. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death [see Overdosage (10)], and this risk is increased with higher doses or unapproved methods of administration, such as snorting or injection.

Studies of Lisdexamfetamine Dimesvlate in Drug Abusers

A randomized, double-blind, placebo-control, cross-over, abuse liability study in 38 patients with a history of drug abuse was conducted with single-doses of 50, 100, or 150 mg of lisdexamfetamine dimesylate, 40 mg of immediate-release d-amphetamine sulphate (a controlled If substance). Lisdexamfetamine dimesylate 100 mg produced significantly less "Drug Liking Effects" as measured by the Drug Rating Questionnaire-Subject score, compared to d-amphetamine 40 mg, and 150 mg of lisdexamfetamine dimesylate demonstrated similar "Drug-Liking Effects"

compared to 40 mg of d-amphetamine and 200 mg of diethylpropion. Intravenous administration of 50 mg lisdexamfetamine dimesylate to individuals with a history of drug abuse produced positive subjective responses on scales measuring "Drug Liking", "Euphoria", "Amphetamine Effects", and "Benzedrine Effects" that were greater than placebo but less than those produced by an equivalent dose (20 mg) of intravenous d-amphetamine.

9.3 Dependence Physical Dependence tamine dimesylate chewable tablets may produce physical dependence. Physical dependence is a state that develops Essuexamentamine dimesyrate chewable tablets in a produce physical dependence. Physical dependence is a state that develops as a result of physiological adaptation in response to repeated drug use, manifested by withdrawal signs and symptoms after abrupt discontinuation or a significant dose reduction of a drug. Withdrawal signs and symptoms after abrupt discontinuation or dose reduction following prolonged use of CNS stimulants including lisdexamfetamine dimesylate chewable tablets include dysphoric mood; depression; fatigue; vivid, unpleasant dreams; insomnia or hypersomnia; increased appetite; and psychomotor retardation or agitation.

Tolerance
Lisdexamfetamine dimesylate chewable tablets may produce tolerance. Tolerance is a physiological state characterized by a reduced response to a drug after repeated administration (i.e., a higher dose of a drug is required to produce the same effect that

10 OVERDOSAGE Clinical Effects of Overdose Overdose of CNS stimulants is characterized by the following sympathomimetic effects:

Overdose of CNS stimulants is characterized by the following sympathomimetic effects:

Cardiovascular effects including tachyarrhythmias, and hypertension or hypotension. Vasospasm, myocardial infarction, or aortic dissection may precipitate sudden cardiac death. Takotsubo cardiomyopathy may develop.

CNS effects including psychomotor agitation, confusion, and hallucinations. Serotonin syndrome, seizures, cerebral vascular accidents, and coma may occur.

Life-threatening hyperthermia (temperatures greater than 104°F) and rhabdomyolysis may develop.

Overdose Management Consider the possibility of multiple drug ingestion. The pharmacokinetic profile of lisdexamfetamine dimesylate should be

Lisdexamfetamine dimesylate is a white to off-white powder that is soluble in water (986 mg/mL)

considered when treating patients with overdose. Lisdexamfetamine and d-amphetamine are not dialyzable. Consider contacting the Poison Help line (1-800-222-1222) or a medical toxicologist for additional overdose management recommendations. 11 DESCRIPTION

become from the characteristic of the contraction of the contraction

$$\begin{bmatrix} H & NH_2 \\ NH_2 & 0 \\ NH_2 & 0 \\ H_3C - \overset{\circ}{\mathbb{S}} - OH \\ 0 & 0 \end{bmatrix}_2$$

Lisd examfet a mine dimesylate chewable tablets contain 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, and 60 mg of lisd examfet a mine dimesylate (equivalent to 5.8 mg, 11.6 mg, 17.3 mg, 23.1 mg, 28.9 mg, and 34.7 mg of lisd examfet a mine).Inactive ingredients; Microcrystalline cellulose and guar gum, croscarmellose sodium, mannitol, sucralose, natural grape flavor, colloidal silicon dioxide, and magnesium stearate. Natural grape flavor contains maltodextrin, modified food starch (ta maize), natural flavor, triglycerides (medium chain), citric acid, tartaric acid and sodium benzoate. 12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action Lisdexamfetamine is a prodrug of dextroamphetamine. Amphetamines are non-catecholamine sympathomimetic amines with CNS stimulant activity. The exact mode of therapeutic action in ADHD and BED is not known Amphetamines block the reuptake of norepinephrine and dopamine into the presynaptic neuron and increase the release of these monoamines into the extraneuronal space. The parent drug, lisdexamfetamine, does not bind to the sites responsible for the

reuptake of norepinephrine and dopamine in vitro. 12.3 Pharmacokinetics Pharmacokinetic studies after oral administration of lisdexamfetamine dimesylate have been conducted in healthy adult (capsule Pharmacokinetic studies after oral administration of lisoexamiteramine dimesylate have been conducted in healthy adult (capsule and chewable tablet formulations) and pediatric (6 to 12 years) patients with ADHD (capsule formulation). After single dose administration of lisdexamfetamine dimesylate, pharmacokinetics of dextroamphetamine was found to be linear between 30 mg and 70 mg in a pediatric study (6 to 12 years), and between 50 mg and 250 mg in an adult study. Dextroamphetamine pharmacokinetic parameters following administration of lisdexamfetamine dimesylate in adults exhibited low inter-subject (<25%) and intra-subject (<8%) variability. There is no accumulation of lisdexamfetamine and dextroamphetamine at steady state in healthy adults.

Following single-dose oral administration of lisdexamfetamine dimesylate capsule (30 mg, 50 mg, or 70 mg) in patients ages 6 to 12 years with ADHD under fasted conditions, T_{max} of lisdexamfetamine and dextroamphetamine was reached at approximately 1 hour and 3.5 hours post dose, respectively. Weight/Dose normalized AUC and C_{max} values were the same in pediatric patients ages 6 to 12 years as the adults following single doses of 30 mg to 70 mg lisdexamfetamine dimesylate capsule.

 $\textit{Effect of food on capsule formulation} \\ \textit{Neither food (a high fat meal or yogurt) nor orange juice affects the observed AUC and C_{max} of dextroamphetamine in healthy adults}$ after single-dose oral administration of 70 mg of lisdexamfetamine dimesylate capsules. Food prolongs T_{max} by approximately 1 hour (from 3.8 hours at fasted state to 4.7 hours after a high fat meal or to 4.2 hours with yogurt). After an 8-hour fast, the AUC for dextroamphetamine following oral administration of lisdexamfetamine dimesylate in solution and as intact capsules were

After a single dose administration of 60 mg lisdexamfetamine dimesylate chewable tablet in healthy subjects under fasted conditions, $T_{\rm max}$ of lisdexamfetamine and dextroamphetamine was reached at approximately 1 hour and 4.4 hours post dose, respectively. Compared to 60 mg lisdexamfetamine dimesylate capsule, exposure ($C_{\rm max}$ and AUC) to lisdexamfetamine was about 15% lower. The exposure ($C_{\rm max}$ and AUC $_{\rm min}$ of dextroamphetamine is similar between lisdexamfetamine dimesylate chewable tablet and lisdexamfetamine dimesvlate capsule Effect of food on tablet formulation

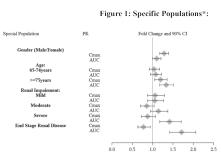
Administration of 60 mg lisdexamfetamine dimesylate chewable tablet with food (a high-fat meal) decreases the exposure (C_{max} and AUC $_{md}$) of dextroamphetamine by about 5% to 7%, and prolongs mean T_{max} by approximately 1 hour (from 3.9 hours at fasted

Plasma concentrations of unconverted lisdexamfetamine are low and transient, generally becoming non-quantifiable by 8 hours after administration. The plasma elimination half-life of lisdexamfetamine typically averaged less than one hour in volunteers 6 years and older. The plasma elimination half-life of dextroamphetamine was approximately 8.6 to 9.5 hours in pediatric pa

Include the converted to dextroamphetamine and I-lysine primarily in blood due to the hydrolytic activity of red blood cells after oral administration of lisdexamfetamine dimesylate. In vitro data demonstrated that red blood cells have a high capacity for metabolism of lisdexamfetamine; substantial hydrolysis occurred even at low hematocrit levels (33% of normal). Lisdexamfetamine is not metabolized by cytochrome P450 enzymes.

EAUTEURIN
Following oral administration of a 70 mg dose of radiolabeled lisdexamfetamine dimesylate to 6 healthy subjects, approximately 96% of the oral dose radioactivity was recovered in the urine and only 0.3% recovered in the feces over a period of 120 hours. Of the radioactivity recovered in the urine, 42% of the dose was related to amphetamine, 25% to hippuric acid, and 2% to intact lighter perfections.

<u>Specific Populations</u>
Exposures of dextroamphetamine in specific populations are summarized in Figure 1.

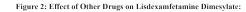


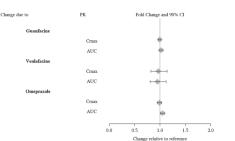
Drug Interaction Studies

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Effects of other drugs on the exposures of dextroamphetamine are summarized in Figure 2.

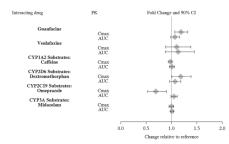
14616 PIL LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS (Ascent-Camber).indd 1





The effects of lisdexamfetamine dimesylate on the exposures of other drugs are summarized in Figure 3.

Figure 3: Effect of Lisdexamfetamine Dimesylate on Other Drugs



13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, and Impairment of Fertility

<u>Carcinogenesis</u> Carcinogenicity studies of lisdexamfetamine dimesylate have not been performed. No evidence of carcino studies in which d-, I-amphetamine (enantiomer ratio of 1:1) was administered to mice and rats in the diet for 2 years at doses of up to 30 mg/kg/day in male mice, 19 mg/kg/day in female mice, and 5 mg/kg/day in male and female rats.

Lisdexamfetamine dimesylate was not clastogenic in the mouse bone marrow micronucleus test *in vivo* and was negative when tested in the *E. coli* and *S. typhimurium* components of the Ames test and in the L5178Y/TK++ mouse lymphoma assay *in vitro*. Impairment of Fertility ne (d- to I-enantiomer ratio of 3:1) did not adversely affect fertility or early embryonic development in the rat at doses

of up to 20 mg/kg/day.

13.2 Animal Toxicology and/or Pharmacology
Acute administration of high doses of amphetamine (d- or d, l-) has been shown to produce long-lasting neurotoxic effects, including irreversible nerve fiber damage, in rodents. The significance of these findings to humans is unknown.

14.1 Attention Deficit Hyperactivity Disorder (ADHD)
Pediatric Patients Ages 6 to 12 Years with ADHD

A double-blind, randomized, placebo-controlled, parallel-group study (Study 1) was conducted in pediatric patients ages 6 to 12 years (N=290) who met DSM-IV criteria for ADHD (either the combined type or the hyperactive-impulsive type). Patients were randomized to receive final doses of 30 mg, 50 mg, or 70 mg of lisdexamfetamine dimesylate or placebo once daily in the morning for a total of four weeks of treatment. All patients receiving lisdexamfetamine dimesylate were initiated on 30 mg for the first week for a total of four weeks of treatment. All patients receiving lisdexamfetamine dimesylate were initiated on 30 mg for the first week of treatment. Patients assigned to the 50 mg and 70 mg dose groups were titrated by 20 mg per week until they achieved their assigned dose. The primary efficacy outcome was change in Total Score from baseline to endpoint in investigator ratings on the ADHD Rating Scale (ADHD-RS), an 18-item questionnaire with a score range of 0-54 points that measures the core symptoms of ADHD which includes both hyperactive/impulsive and inattentive subscales. Endpoint was defined as the last post-randomization treatment week (i.e., Weeks 1 through 4) for which a valid score was obtained. All lisdexamfetamine dimesylate dose groups were superior to placebo in the primary efficacy outcome. Mean effects at all doses were similar; however, the highest dose (70 mg/day) was numerically superior to both lower doses (Study 1 in Table 6). The effects were maintained throughout the day based on parent ratings (Conners' Parent Rating Scale) in the morning (approximately 10 am), afternoon (approximately 2 pm), and early evening (approximately 6 pm) evening (approximately 6 pm).

A double-blind, placebo-controlled, randomized, crossover design, analog classroom study (Study 2) was conducted in pediatric patients ages 6 to 12 years (N=52) who met DSM-IV criteria for ADHD (either the combined type or the hyperactive-impulsive type). Following a 3-week open-label dose optimization with Adderall XR®, patients were randomly assigned to continue their optimized dose of Adderall XR (10 mg, 20 mg, or 30 mg), lisdexamfetamine dimesylate (30 mg, 50 mg, or 70 mg), or placebo once daily in the morning for 1 week each treatment. Efficacy assessments were conducted at 1, 2, 3, 4.5, 6, 8, 10, and 12 hours post-dose using the Swanson, Kotkin, Agler, M. Flynn, and Pelham Deportment scores (SKAMP-DS), a 4-item subscale of the SKAMP with scores ranging from 1 to 24 neight test preserves deportment replaces for the score of the score ranging from 0 to 24 points that measures deportment problems leading to classroom disruptions. A significant difference in patient behavior, based upon the average of investigator ratings on the SKAMP-DS across the 8 assessments were observed be patients when they received lisdexamfetamine dimesviate compared to patients when they received placeho (Study 2 in 1 The drug effect reached statistical significance from hours 2 to 12 post-dose, but was not significant at 1 hour.

A second double-blind, placebo-controlled, randomized, crossover design, analog classroom study (Study 3) was conducted in pediatric patients ages 6 to 12 years (N=129) who met DSM-IV criteria for ADHD (either the combined type or the hyperactive-impulsive type). Following a 4-week open-label dose optimization with lisdexamfetamine dimesylate (30 mg, 50 mg, 70 mg), patients were randomly assigned to continue their optimized dose of lisdexamfetamine dimesylate or placebo once daily in the morning for 1 week each treatment. A significant difference in patient behavior, based upon the average of investigator ratings on the SKAMP-Deportment scores across all 7 assessments conducted at 1.5, 2.5, 5.0, 7.5, 10.0, 12.0, and 13.0 hours post-dose, were observed between patients when they received lisdexamfetamine dimesylate compared to patients when they received placebo (Study 3 in Table 6, Figure 4).

Pediatric Patients Ages 13 to 17 Years with ADHD A double-blind, randomized, placebo-controlled, parallel-group study (Study 4) was conducted in pediatric patients ages 13 to 17 years (N=314) who met DSM-IV criteria for ADHD. In this study, patients were randomized in a 1:1:1:1 ratio to a daily morning dose of lisdexamfetamine dimesylate (30 mg/day, 50 mg/day or 70 mg/day) or placebo for a total of four weeks of treatment. All patients receiving lisdexamfetamine dimesylate were initiated on 30 mg for the first week of treatment. Patients assigned to the 50 mg and 70 mg dose groups were titrated by 20 mg per week until they achieved their assigned dose. The primary efficacy outcome was change in Total Score from baseline to endpoint in investigator ratings on the ADHD Rating Scale (ADHD-R), indepoint was defined as the last post-randomization treatment week (i.e., Weeks 1 through 4) for which a valid score was obtained. All isdexamfetamine

 $\label{eq:continuous} \mbox{dimesylate dose groups were superior to placebo in the primary efficacy outcome (Study 4 in Table 6)}.$ Pediatric Patients Ages 6 to 17 Years: Short-Term Treatment in ADHD A double-blind, randomized, placebo- and active-controlled parallel-group, dose-optimization study (Study 5) was conducted A double-blind, randomized, placebo- and active-controlled parallel-group, dose-optimization study (Study 5) was conducted in pediatric patients ages 6 to 17 years (n=336) who met DSM-IV criteria for ADHD. In this eight-week study, patients were randomized to a daily morning dose of lisdexamfetamine dimesylate (30, 50 or 70 mg/day), an active control, or placebo (1:1:1). The study consisted of a Screening and Washout Period (up to 42 days), a 7-week Dose-bliniate Evaluation Period (consisting of a 4-week Dose-bliniate Dose (100) wed by a 3-week Dose-Maintenance Period), and a 1-week Washout and Follow-up Period. During the Dose Optimization Period, subjects were titrated until an optimal dose, based on tolerability and investigator's judgment, was reached. Lisdexamfetamine dimesylate showed significantly greater efficacy than placebo. The placebo-adjusted mean reduction from baseline in the ADHD-RS-IV total score was 18.6. Subjects on lisdexamfetamine dimesylate also showed greater improvement on the Clinical Global Impression-Improvement (CGI-I) rating scale compared to subjects on placebo (Study 5 in Table 6).

Pediatric Patients Ages 6 to 17 Years: Maintenance Treatment in ADHD Maintenance of Efficacy Study (Study 6) – A double-blind, placebo-controlled, randomized withdrawal study was conducted in pediatric patients ages 6 to 17 years (Me-276) who met the diagnosis of ADHD (DSM-IV criteria). A total of 276 patients were enrolled into the study, 236 patients participated in Study 5 and 40 subjects directly enrolled. Subjects were treated with openmine dimesylate for at least 26 weeks prior to being assessed for entry into the randomized withdrawal period ment response as defined by CGI-S <3 and Total Score on the ADHD-RS <22. Patients that naintained treatment response for 2 weeks at the end of the open label treatment period were eligible to be randor treatment with the same dose of lisdexamfetamine dimesylate (N=78) or switched to placebo (N=79) during the double-blind phase. Patients were observed for relapse (treatment failure) during the 6 week double-blind phase. A significantly lower proportion of treatment failures occurred among lisdexamfetamine dimesylate subjects (15.8%) compared to placebo (67.5%) at endpoint of the randomized withdrawal period. The endpoint measurement was defined as the last post-randomization treatment week at of the Failbulling without war period. The analysis in the AbHD-RS Total Score and CGI-S were observed. Treatment failure was defined as a 250% increase (worsening) in the AbHD-RS Total Score and a 22-point increase in the CGI-S score compared to scores at entry into the double-blind randomized withdrawal passes. Subjects who withdraw from the randomized withdrawal period and who did not provide efficacy data at their last on-treatment visit were classified as treatment failures (Study 6, Figure 5). Adults: Short-Term Treatment in ADHD

A double-blind, randomized, placebo-controlled, parallel-group study (Study 7) was conducted in adults ages 18 to 55 (N=420) who met DSM-IV criteria for ADHD. In this study, patients were randomized to receive final doses of 30 mg, 50 mg, or 70 mg of lisdexamfetamine dimesylate or placebo for a total of four weeks of treatment. All patients receiving lisdexamfetamine dimesylate were initiated on 30 mg for the first week of treatment. Patients assigned to the 50 mg and 70 mg dose groups were titrated by 20 mg per week until they achieved their assigned dose. The primary efficacy outcome was change in Total Score from baseline to endpoint in investigator ratings on the ADHD Rating Scale (ADHD-RS). Endpoint was defined as the last post-randomization treatment week (i.e., Weeks 1 through 4) for which a valid score was obtained. All lisdexamfetamine dimesylate dose groups wer

superior to placebo in the primary efficacy outcome (Study 7 in Table 6). The second study was a multi-center, randomized, double-blind, placebo-controlled, cross-over, modified analog classroom (Study 8) of lisdexamfetamine dimesylate to simulate a workplace environment in 142 adults ages 18 to 55 who met DSM-IV-TR criteria for ADHD. There was a 4-week open-label, dose optimization phase with lisdexamfetamine dimesylate (30 mg/day, 50 criteria for ADHD. There was a 4-week open-label, dose optimization phase with lisdexamfetamine dimesylate (30 mg/day, 50 mg/day, 50 r70 mg/day in the morning). Patients were then randomized to one of two treatment sequences: 1) lisdexamfetamine dimesylate (optimized dose) followed by placebo, each for one week, or 2) placebo followed by lisdexamfetamine dimesylate, each for one week. Efficacy assessments occurred at the end of each week, using the Permanent Product Measure of Performance (PERMP), a skill-adjusted math test that measures attention in ADHD. PERMP total score results from the sum of the number of math problems attempted plus the number of math problems answered correctly. Lisdexamfetamine dimesylate treatment, compared to placebo, resulted in a statistically significant improvement in attention across all post-dose time points, as measured by average PERMP total scores over the course of one assessment day, as well as at each time point measured. The PERMP assessments were administered at pre-dose (-0.5 hours) and at 2, 4, 8, 10, 12, and 14 hours post-dose (Study 8 in Table 6, Figure 6).

A double-blind, placebo-controlled, randomized withdrawal design study (Study 9) was conducted in adults ages 18 to 55 (N=123) who had a documented diagnosis of ADHD or met DSM-IV criteria for ADHD. At study entry, patients must have had documentation of treatment with lisdexamfetamine dimesylate for a minimum of 6 months and had to demonstrate treatment response as defined by Clinical Global Impression Severity (CGI-S) <3 and Total Score on the ADHD-RS <22. ADHD-RS Total Score is a measure of core symptoms of ADHD. The CGI-S score assesses the clinician's impression of the natient's current illness state and ranges from 1 (not symptoms of ADHD. The CGI-S score assesses the clinician's impression of the patient's current illness state and ranges from 1 (not at all iil) to 7 (extremely iil). Patients that maintained treatment response at Week 5 of the open label treatment presse (N=116) were eligible to be randomized to ongoing treatment with the same dose of lisdexamfetamine dimesylate (N=56) or switched to placebo (N=60) during the double-blind phase. Patients were observed for relapse (treatment failure) during the double-blind phase. Patients were observed for relapse (treatment failure) during the double-blind phase. Treatment failure was defined as a ≥50% increase (worsening) in the ADHD-RS Total Score and ≥2-point increase in the CGI-S score compared to scores at entry into the double-blind phase. Maintenance of efficacy for patients treated with lisdexamfetamine dimesylate was demonstrated by the significantly lower proportion of patients with treatment failure (9%) compared to patients receiving placebo (75%) at endpoint during the double-blind phase (Study 9, Figure 7).

Summary of Primary Efficacy Results from Short-term Studies of Lisdexamfetamine Di

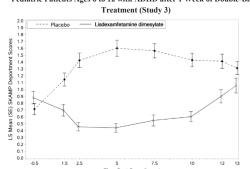
Study Number (Age range)	Primary Endpoint	Treatment Group	Mean Baseline Score (SD)	LS Mean Change from Baseline (SE)	Placebo-subtracted Difference ^a (95% CI)
Study 1 (6 - 12 years)	ADHD-RS-IV	Lisdexamfetamine dimesylate (30 mg day)*	43.2 (6.7)	-21.8 (1.6)	-15.6 (-19.9, -11.2)
		Lisdexamfetamine dimesylate (50 mg/day)*	43.3 (6.7)	-23.4 (1.6)	-17.2 (-21.5, -12.9)
		Lisdexamfetamine dimesylate (70 mg/day)*	45.1 (6.8)	-26.7 (1.5)	-20.5 (-24.8, -16.2)
		Placebo	42.4 (7.1)	-6.2 (1.6)	
Study 2 (6 - 12 years)	Average SKAMP-DS	Lisdexamfetamine dimesylate (30, 50 or 70 mg/day)*	b	0.8 (0.1) ^d	-0.9 (-1.1, -0.7)
		Placebo	b	1.7 (0.1) ^d	
Study 3 (6 - 12 years)	Average SKAMP-DS	Lisdexamfetamine dimesylate (30, 50 or 70 mg/day)*	0.9 (1.0)°	0.7 (0.1) ^d	-0.7 (-0.9, -0.6)
		Placebo	0.7 (0.9)°	1.4 (0.1) ^d	
Study 4 ADHD-RS-IV (13 - 17 years)	Lisdexamfetamine dimesylate (30 mg/day)*	38.3 (6.7)	-18.3 (1.2)	-5.5 (-9.0, -2.0)	
		Lisdexamfetamine dimesylate (50 mg/day)*	37.3 (6.3)	-21.1 (1.3)	-8.3 (-11.8, -4.8)
		Lisdexamfetamine dimesylate (70 mg/day)*	37.0 (7.3)	-20.7 (1.3)	-7.9 (-11.4, -4.5)
		Placebo	38.5 (7.1)	-12.8 (1.2)	
Study 5 (6 - 17 years)	ADHD-RS-IV	Lisdexamfetamine dimesylate (30, 50 or 70 mg/day)*	40.7 (7.3)	-24.3 (1.2)	-18.6 (-21.5, -15.7)
		Placebo	41.0 (7.1)	-5.7 (1.1)	
Study 7 (18 - 55 years)	ADHD-RS-IV	Lisdexamfetamine dimesylate (30 mg/day)*	40.5 (6.2)	-16.2 (1.1)	-8.0 (-11.5, -4.6)
		Lisdexamfetamine dimesylate (50 mg/day)*	40.8 (7.3)	-17.4 (1.0)	-9.2 (-12.6, -5.7)
		Lisdexamfetamine dimesylate (70 mg/day)*	41.0 (6.0)	-18.6 (1.0)	-10.4 (-13.9, -6.9)
		Placebo	39.4 (6.4)	-8.2 (1.4)	
Study 8 (18 - 55 years)	Average PERMP	Lisdexamfetamine dimesylate (30, 50 or 70 mg/day)*	260.1 (86.2) ^c	312.9 (8.6) ^d	23.4 (15.6, 31.2)
		Placebo	261.4 (75.0)°	289.5 (8.6)d	

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

Pre-dose SKAMP-DS was not collected. Pre-dose SKAMP-DS (Study 3) or PERMP (Study 8) total score, averaged over both periods.

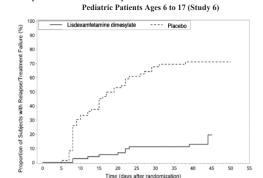
LS Mean for SKAMP-DS (Study 2 and 3) or PERMP (Study 8) is post-dose average score over all sessions of the treatment day, rather than change from Doses statistically significantly superior to placebo

Figure 4 LS Mean SKAMP Deportment Subscale Score by Treatment and Time-point for Pediatric Patients Ages 6 to 12 with ADHD after 1 Week of Double-Blind

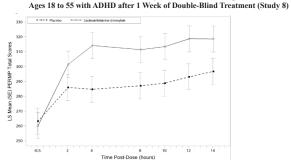


Higher score on the SKAMP-Deportment scale indicates more severe symptoms

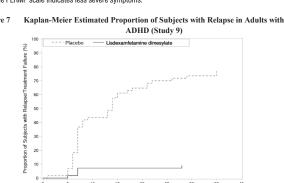
Figure 5 Kaplan-Meier Estimated Proportion of Patients with Treatment Failure for



LS Mean (SE) PERMP Total Score by Treatment and Time-point for Adult



Higher score on the PERMP scale indicates less severe symptoms



A phase 2 study evaluated the efficacy of lisdexamfetamine dimesylate 30, 50 and 70 mg/day compared to placebo in reducing the number of binge days/week in adults with at least moderate to severe BED. This randomized, double-blind, parallel-group, placebocontrolled, forced-dose titration study (Study 10) consisted of an 11-week double-blind treatment period (3 weeks of forced-dose titration followed by 8 weeks of dose maintenance). Lisdexamfetamine dimesylate 30 mg/day was not statistically different from

placebo on the primary endpoint. The 50 and 70 mg/day doses were statistically superior to placebo on the primary endpoint. The efficacy of lisdexamfetamine dimesylate in the treatment of BED was demonstrated in two 12-week randomized, double-blind multi-center, parallel-group, placebo-controlled, dose-optimization studies (Study 11 and Study 12) in adults aged 18-55 years (Study 11: N=374, Study 12: N=350) with moderate to severe BED. A diagnosis of BED was confirmed using DSM-IV criteria for BED. Severity of BED was determined based on having at least 3 binge days per week for 2 weeks prior to the baseline visit and on having a Clinical Global Impression Severity (CGI-S) score of ≥4 at the baseline visit. For both studies, a binge day was defined as a day with at least 1 binge episode, as determined from the subject's daily binge diary

Both 12-week studies consisted of a 4-week dose-optimization period and an 8-week dose-maintenance period. During dose ation, subjects assigned to lisdexamfetamine dimesylate began treatment at the titration dose of 30 mg/day and, after of treatment, were subsequently titrated to 50 mg/day. Additional increases to 70 mg/day were made as tolerated and inically indicated. Following the dose-optimization period, subjects continued on their optimized dose for the duration of the

The primary efficacy outcome for the two studies was defined as the change from baseline at Week 12 in the number of binge days The primary stricacy outcome for the two studies was defined as the change from baseline at week 1.2 in the number of binge days per week. Baseline is defined as the weekly average of the number of binge days per week for the 1.4 days prior to the baseline visit. Subjects from both studies on lisdexamfetamine dimesylate had a statistically significantly greater reduction from baseline in mean number of binge days per week at Week 12. In addition, subjects on lisdexamfetamine dimesylate showed greater improvement as compared to placebo across key secondary outcomes with higher proportion of subjects rated impose whether the proportion of subjects with 4-week binge cessation, and greater reduction in the Yale-Brown Obsessive Compulsive Scale Modified for Binge Eating (Y-BOCS-BE) total score.

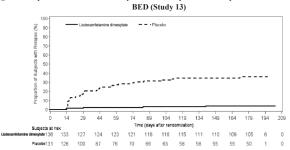
able 7: Summary of P	rimary Efficacy Results in	BED			
Study	Treatment Group	Primary Efficacy Measure: Binge Days per Week at Week 12			
Number		Mean Baseline Score (SD)	LS Mean Change from Baseline (SE)	Placebo-subtracted Difference ^a (95% CI)	
Study 11	Lisdexamfetamine dimesylate (50 or 70 mg/day)*	4.79 (1.27)	-3.87 (0.12)	1.35 (-1.70, -1.01)	
	Placebo	4.60 (1.21)	-2.51 (0.13)		
Study 12	Lisdexamfetamine dimesylate (50 or 70 mg/day)*	4.66 (1.27)	-3.92 (0.14)	-1.66 (-2.04, -1.28)	
	Placebo	4.82 (1.42)	-2.26 (0.14)		

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

a Difference (drug minus placebo) in least-squares mean change from baseline * Doses statistically significantly superior to placebo

A double-blind, placebo controlled, randomized withdrawal design study (Study 13) was conducted to evaluate maintenance of efficacy based on time to relapse between lisdexamfetamine dimesylate and placebo in adults aged 18 to 55 (N=267) with moderate to severe BED. In this longer-term study patients who had responded to lisdexamfetamine dimesylate in the preceding 12-week open-label treatment phase were randomized to continuation of lisdexamfetamine dimesylate or placebo for up to 26 12-week open-table treatment priase were randomized to continuation of instexaminetamine dimesylate or piacebo for up to 2o weeks of observation for relapse. Response in the open-label phase was defined as 1 or fewer binge days each week for four consecutive weeks prior to the last visit at the end of the 12-week open-label phase and a CGI-S score of 2 or less at the same visit. Relapse during the double-blind phase was defined as having 2 or more binge days each week for two consecutive weeks (14 days) prior to any visit and having an increase in CGI-S score of 2 or more points compared to the randomized-withdrawal baseline. Maintenance of efficacy for patients who had an initial response during the open-label period and then continued on lisdexamfetamine dimesylate buring the 26-week double-blind randomized-withdrawal phase was demonstrated with lisdexamfetamine dimesylate buring superior over placeho as measured by time to relance with lisdexamfetamine dimesylate being superior over placebo as measured by time to relapse.

Figure 8 Kaplan-Meier Estimated Proportions of Subjects with Relapse in Adults with



Examination of population subgroups based on age (there were no patients over 65), gender, and race did not reveal any clear evidence of differential responsiveness in the treatment of BED.

16 HOW SUPPLIED/STORAGE AND HANDLING

Lisdexamfetamine dimesylate chewable tablets:

- . Lisdexamfetamine dimesylate chewable tablets 10 mg; White to off-white, round biconvex tablets, debossed 'AT' on one side and '10' on the other side NDC 31722-321-01 Bottles of 100
- mine dimesylate chewable tablets 20 mg: White to off-white, hexagon shaped biconvex tablets, debossed 'AT' on Bottles of 100 NDC 31722-322-01
 Lisdexamfetamine dimesylate chewable tablets 30 mg: White to off-white, triangle shaped biconvex tablets, debossed 'AT' on one side and '30' on the other side.
 Bottles of 100
- NDC 31722-323-01 Bottles of 100
- Lisdexamfetamine dimesylate chewable tablets 40 mg. White to off-white, modified capsule shaped biconvex tablets, debossed 'AT' on one side and '40' on the other side. NDC 31722-324-01 Bottles of 100
- Lisdexamfetamine dimesylate chewable tablets 50 mg: White to off-white, square shaped biconvex tablets, debossed 'AT' on one side and '50' on the other side. NDC 31722-325-01 nine dimesylate chewable tablets 60 mg: White to off-white, diamond shaped biconvex tablets, debossed 'AT'

on one side and **'60'** on the other side. Bottles of 100 NDC 31722-326-01 **16.2 Storage and Handling**Dispense in a tight, light-resistant container as defined in the USP.

Store at room temperature, 20°C to 25°C (68°F to 77°F). Excursions permitted between 15°C and 30°C (59°F to 86°F) [see USP

17 PATIENT COUNSELING INFORMATION

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

Advise the patient to read the FDA-approved patient labelling (weucauon ourse).

Abuse, Misuse, and Addiction

Educate patients and their families about the risks of abuse, misuse, and addiction of lisdexamfetamine dimesylate chewable tablets, which can lead to overdose and death, and proper disposal of any unused drug [see Warnings and Precautions (5.1), Drug Abuse and Dependence (9.2), Overdosage (10)]. Advise patients to store lisdexamfetamine dimesylate chewable tablets in a safe place, preferably locked, and instruct patients to not give lisdexamfetamine dimesylate chewable tablets to anyone else.

<u>Risks to Patients with Serious Cardiac Disease</u> Advise patients that there are potential risks to patients with serious cardiac disease, including sudden death, with lisdexamfetan dimesylate chewable tablets use. Instruct patients to contact a healthcare provider immediately if they develop symptoms such as exertional chest pain, unexplained syncope, or other symptoms suggestive of cardiac disease [see Warnings and Precautions (5.2)].

be monitored for such effects.

Long-Term Suppression of Growth in Pediatric Patients Advise patients that lisdexamfetamine dimesylate may cause slowing of growth including weight loss [see Warnings and Precautions (5.5)].

Circulation problems in fingers and toes [Peripheral vasculopathy, including Raynaud's phenon

buspirone

Do not start any new medicine during treatment with lisdexamfetamine dimesylate chewable tablets without talking to your healthcare provider first.

to temperature in fingers or toes. Instruct patients to call their physician immediately with any signs of unexplained wounds appearing on fingers or toes while taking lisdexamfetamine dimesylate. Further clinical evaluation (e.g., rheumatology referral) may be appropriate for certain patients [see Warnings and Precautions (5.6)].

Serotonin Syndrome Caution patients about the risk of serotonin syndrome with concomitant use of lisdexamfetamine dimesylate and other serotonergi drugs including SSRIs, SNRIs, triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, St. John's Wort, and with drugs that impair metabolism of serotonin (in particular MAOIs, both those intended to treat psychiatric disorders and also others such as linezolid [see Contraindications (4), Warnings and Precautions (5.7) and Drug Interactions (7.1)]. Advise patients to contact their healthcare provider or report to the emergency room if they experience signs or symptoms of serotonin syndrome.

Motor and Verbal Tics, and Worsening of Tourette's Syndrome
Advise patients that motor and verbal tics and worsening of Tourette's Syndrome may occur during treatment with lisdexamfetamine
dimesylate chewable tablets. Instruct patients to notify their healthcare provider if emergence of new tics or worsening of tics or
Tourette's syndrome occurs [see Warnings and Precautions (5.8)].

<u>Pregnancy</u> Advise patients of the potential fetal effects from the use of lisdexamfetamine dimesylate during pregnancy. Advise patients to notify their healthcare provider if they become pregnant or intend to become pregnant during treatment with lisdexamfetamine dimesylate [see Use in Specific Populations (8.1)].

Advise women not to breastfeed if they are taking lisdexamfetamine dimesylate [see Use in Specific Populations (8.2)]. Administration Instructions

Camber Pharmaceuticals, Inc.

Piscataway, NJ 08854

For more information call Camber Pharmaceuticals, Inc., at 1-866-495-8330.

MEDICATION GUIDE Lisdexamfetamine dimesylate (lis dex" am fet' a meen dye mes' i late)

What is the most important information I should know about lisdexamfetamine dimesylate chewable tablets? Lisdexamfetamine dimesylate chewable tablets may cause serious side effects,

- Abuse, misuse, and addiction. Lisdexamfetamine dimesylate chewable tablets has a high chance for abuse and misuse and may lead to substance use problems, including addiction. Misuse and abuse of lisdexamfetamine dimesylate chewable tablets, other amphetamine containing medicines, and methylphenidate containing medicines, can lead to overdose and death. The risk of overdose and death is increased with higher doses of lisdexamfetamine dimesylate chewable tablets or when it is used in ways that
- Your healthcare provider should check you or your child's risk for abuse, misuse, and addiction before starting treatment with lisdexamfetamine dimesylate chewable tablets
- and will monitor you or your child during treatment. Lisdexamfetamine dimesylate chewable tablets may lead to physical dependence after
- prolonged use, even if taken as directed by your healthcare provider. Do not give lisdexamfetamine dimesylate chewable tablets to anyone else. See "What
- are lisdexamfetamine dimesylate chewable tablets?" for more information Keep lisdexamfetamine dimesylate chewable tablets in a safe place and properly dispose of any unused medicine. See "How should I store lisdexamfetamine dimesylate
- Tell your healthcare provider if you or your child have ever abused or been dependent on
- alcohol, prescription medicines, or street drugs. **Risks for people with serious heart disease.** Sudden death has happened in people who have heart defects or other serious heart disease.

Your healthcare provider should check you or your child carefully for heart problems before starting treatment with lisdexamfetamine dimesylate chewable tablets. Tell your healthcare

Call your healthcare provider right away or go to the nearest hospital emergency room right away if you or your child have any signs of heart problems such as chest pain, shortness of breath, or fainting during treatment with lisdexamfetamine dimesylate chewable tablets.

Increased blood pressure and heart rate.

Your healthcare provider should check you or your child's blood pressure and heart rate regularly during treatment with lisdexamfetamine dimesylate chewable tablets.

Mental (psychiatric) problems, including:

new or worse bipolar illness

• new psychotic symptoms (such as hearing voices, or seeing or believing things that are not real) or new manic symptoms

family history of suicide, bipolar illness, or depression. Call your healthcare provider right away if you or your child have any new or

worsening mental symptoms or problems during treatment with lisdexamfetamine dimesylate chewable tablets, especially hearing voices, seeing or believing things that are not real, or new manic symptoms.

What are lisdexamfetamine dimesylate chewable tablets?

Lisdexamfetamine dimesylate chewable tablets are a central nervous system (CNS) stimulant prescription medicine used for the treatment of:

 Attention Deficit Hyperactivity Disorder (ADHD) in adults and children 6 years of age and older. Lisdexamfetamine dimesylate chewable tablets may help increase attention and decrease impulsiveness and hyperactivity in people with ADHD.

chewable tablets may help reduce the number of binge eating days in people with BED. Lisdexamfetamine dimesylate chewable tablets are not recommended for use in children

It is not known if lisdexamfetamine dimesylate chewable tablets are safe and effective for use

in children with BED. Lisdexamfetamine dimesylate chewable tablets are a federally controlled substance (CII) because it contains lisdexamfetamine dimesylate that can be a target for people who abuse prescription medicines or street drugs. Keep lisdexamfetamine dimesylate chewable tablets in a safe place to protect it from theft. Never give your lisdexamfetamine dimesylate chewable tablets to anyone else because it may cause death or harm them. Selling or giving away lisdexamfetamine dimesylate chewable tablets may harm others and is against the law.

- allergic to amphetamine products or any of the ingredients in lisdexamfetamine dimesylate chewable tablets. See the end of this Medication Guide for a complete list of ingredients in lisdexamfetamine dimesylate chewable tablets.
- taking, or have stopped taking in the last 14 days, a medicine called a Monoamine Oxidase
- provider about all medical conditions, including if you or your child:
- · have heart problems, heart disease, heart defects, or high blood pressure
- have mental problems including psychosis, mania, bipolar illness, or depression or have a
- family history of suicide, bipolar illness, or depression
- history of tics or Tourette's syndrome
- o There is a pregnancy registry for females who are exposed to lisdexamfetamine dimesylate during pregnancy. The purpose of the registry is to collect information about the health of females exposed to lisdexamfetamine dimesvlate and their baby. If you or your child becomes nrennant during treatment with lisdexamfetamine dimesvlate, talk to your healthcare provider
- are breastfeeding or plan to breastfeed. Lisdexamfetamine dimesylate passes into breast milk. You should not breastfeed during treatment with lisdexamfetamine dimesylate. Talk to your healthcare provider about the best way to feed the baby during treatment with

Tell your healthcare provider about all the medicines that you or your child take, including prescription and over-the-counter medicines, vitamins, and herbal supplements

side effects. Sometimes the doses of other medicines will need to be changed while taking lisdexamfetamine dimesylate chewable tablets.

Especially tell your healthcare provider if you or your child take:

inhibitors (SNRIs) medicines used to treat migraine • tricyclic antidepressants

headaches called triptans fentanyl lithium

 tramadol tryptophan St. John's Wort

tablets can be taken with other medicines.

How should lisdexamfetamine dimesylate chewable tablets be taken?

- Take lisdexamfetamine dimesylate chewable tablets exactly as prescribed by your healthcare
- Your healthcare provider may change the dose if needed.
- Take lisdexamfetamine dimesylate chewable tablets 1 time each day in the morning with or without food.
- Lisdexamfetamine dimesylate comes in chewable tablets.
- Taking Lisdexamfetamine dimesylate chewable tablets: • Chew lisdexamfetamine dimesylate chewable tablets completely before swallowing. If you or your child take too much lisdexamfetamine dimesylate chewable tablets, call your

What are the possible side effects of lisdexamfetamine dimesylate chewable tablets? Lisdexamfetamine dimesylate chewable tablets may cause serious side effects,

healthcare provider or Poison Help line at 1-800-222-1222 or go to the nearest hospital

- See "What is the most important information I should know about lisdexamfetamine
- dimesylate chewable tablets?" Slowing of growth (height and weight) in children. Children should have their height and weight checked often during treatment with lisdexamfetamine dimesylate chewable tablets. Lisdexamfetamine dimesylate chewable tablets treatment may be stopped if your child is
- Circulation problems in fingers and toes (Peripheral vasculopathy, including Raynaud's
- **phenomenon).** Signs and symptoms may include: o Fingers or toes may feel numb, cool, painful

emergency room right away.

Fingers or toes may change color from pale, to blue, to red

Tell your healthcare provider if you or your child have numbness, pain, skin color change, or sensitivity to temperature in your fingers or toes.

Call your healthcare provider right away if you or your child have any signs of unexplained wounds appearing on fingers or toes during treatment with lisdexamfetamine dimesylate chewable tablets.

- New or worsening tics or worsening Tourette's syndrome. Tell your healthcare provider if you or your child get any new or worsening tics or worsening Tourette's syndrome during treatment with lisdexamfetamine dimesylate chewable tablets.
- Serotonin Syndrome. A potentially life-threatening problem called serotonin syndrome may happen when lisdexamfetamine dimesylate chewable tablets is taken with certain other medicines. Stop taking lisdexamfetamine dimesylate chewable tablets and call your healthcare provider or go to the nearest hospital emergency room right away if you or your child develop any of the following signs and symptoms of serotonin syndrome:

sweating

- agitation fast heartbeat flushing seizures
- loss of coordination o confusion o tremors, stiff muscles, or muscle
- seeing or hearing things that are not real changes in blood pressure (hallucination)
- o nausea, vomiting, diarrhea high body temperature (hyperthermia) The most common side effects of lisdexamfetamine dimesylate chewable tablets in
- children 6 to 17 years old and adults with ADHD include: loss of appetite (anorexia)
- decreased appetite weight loss diarrhea dizziness irritability drv mouth trouble sleeping nausea

o coma

constipation

- stomach pain vomiting The most common side effects of lisdexamfetamine dimesylate chewable tablets in
- adults with BED include: dry mouth trouble sleeping decreased appetite · increased heart rate

 feeling jittery anxiety These are not all the possible side effects of lisdexamfetamine dimesylate chewable tablets. Call your doctor for medical advice about side effects. You may report side effects to FDA at

Store lisdexamfetamine dimesylate chewable tablets in a safe place (like a locked cabinet)

lisdexamfetamine dimesylate chewable tablets with an undesirable, nontoxic substance

such as dirt, cat litter, or used coffee grounds to make it less appealing to children and

How should I store lisdexamfetamine dimesylate chewable tablets?

- and in a tightly closed container at room temperature between 68°F to 77°F (20°C to 25°C). Protect lisdexamfetamine dimesylate chewable tablets from light. Dispose of remaining, unused, or expired lisdexamfetamine dimesylate chewable tablets by a medicine take-back program at a U.S. Drug Enforcement Administration (DEA) authorized collection site. If no take-back program or DEA authorized collector is available, mix
- pets. Place the mixture in a container such as a sealed plastic bag and throw away lisdexamfetamine dimesylate chewable tablets in the household trash. Visit www.fda.gov/ drugdisposal for additional information on disposal of unused medicines. Keep lisdexamfetamine dimesylate chewable tablets and all medicines out of the reach

of children General information about the safe and effective use of lisdexamfetamine dimesylate

chewable tablets. Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use lisdexamfetamine dimesylate for a condition for which it was not prescribed. Do not give lisdexamfetamine dimesylate to other people, even if they have the same symptoms that you have. It may harm them and it is against the law. You can ask your pharmacist or healthcare provider for information about lisdexamfetamine dimesylate that is written for healthcare

professionals. What are the ingredients in lisdexamfetamine dimesylate chewable tablets?

Active ingredient: lisdexamfetamine dimesylate Inactive Ingredients: Microcrystalline cellulose and guar gum, croscarmellose sodium, mannitol, sucralose, natural grape flavor, colloidal silicon dioxide, and magnesium stearate.

Natural grape flavor contains maltodextrin, modified food starch (tapioca/waxy maize), natural

flavor, triglycerides (medium chain), citric acid, tartaric acid and sodium benzoate.

For more information, call Camber Pharmaceuticals, Inc., at 1-866-495-8330. Medication Guide available at https://www.camberpharma.com/medication-quides/

This Medication Guide has been approved by the U.S. Food and Drug Administration.

Manufactured by: Ascent Pharmaceuticals, Inc.

Central Islip, NY 11722

Manufactured for: Camber Pharmaceuticals, Inc. Piscataway, NJ 08854

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Concomitant Medications Advise patients to notify their physicians if they are taking, or plan to take, any prescription or over-the-counter drugs because there is a potential for interactions [see Drug Interactions (7.1)].

<u>Pregnancy Registry</u>
Advise patients that there is a pregnancy exposure registry that monitors pregnancy outcomes in women exposed to lisdexamfetamine dimesylate during pregnancy [see Use in Specific Populations (8.1)].

 Chewable tablets: Advise patients that chewable tablets must be chewed thoroughly before swallowing [see Dosage and Administration (2.2)]. Manufactured by: Ascent Pharmaceuticals Central Islip, NY 11722

Chewable Tablets, CII

- are not approved, such as snorting or injection.
- **chewable tablets?"** for more information.

provider if you or your child have any heart problems, heart disease, or heart defects.

new or worse behavior and thought problems

Tell your healthcare provider about any mental problems you or your child have or about a

Moderate to severe binge eating disorder (BED) in adults. Lisdexamfetamine dimesylate

under 6 years of age with ADHD. Lisdexamfetamine dimesylate chewable tablets are not for weight loss. It is not known if lisdexamfetamine dimesylate chewable tablets are safe and effective for the treatment of

Do not take lisdexamfetamine dimesylate chewable tablets if you or your child are:

- being treated with the antibiotic linezolid or intravenous methylene blue.
- Before taking lisdexamfetamine dimesylate chewable tablets, tell your healthcare
- have circulation problems in fingers and toes have kidney problems have or had repeated movements or sounds (tics) or Tourette's syndrome, or have a family
- are pregnant or plan to become pregnant. Lisdexamfetamine dimesylate may harm the unborn baby.
- about registering with the National Pregnancy Registry for Psychostimulants at 1-866-961-2388 or visit online at https://womensmentalhealth.org/clinical-and-research-programs/ pregnancyregistry/adhd-medications/.

lisdexamfetamine dimesylate.

Lisdexamfetamine dimesylate chewable tablets can affect the way other medicines work and other medicines may affect how lisdexamfetamine dimesylate chewable tablets works. Taking lisdexamfetamine dimesylate chewable tablets with other medicines can cause serious

selective serotonin reuptake serotonin norepinephrine reuptake inhibitors (SNRIs)

Keep a list of all medicines to show your healthcare provider and pharmacist when you get a new medicine. Your healthcare provider will decide if lisdexamfetamine dimesylate chewable

14616 PIL LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS (Ascent-Camber).indd 2

Increased Blood Pressure and Heart Rate Instruct patients that lisdexamfetamine dimesylate can cause elevations of their blood pressure and pulse rate and they should Psychiatric Adverse Reactions dvise patients that lisdexamfetamine dimesylate at recommended doses may cause psychotic or manic symptoms even in patients without prior history of psychotic symptoms or mania [see Warnings and Precautions (5.4)].

Instruct patients beginning treatment with lisdexamfetamine dimesylate about the risk of peripheral vasculopathy, including Raynaud's phenomenon, and associated signs and symptoms: fingers or toes may feel numb, cool, painful, and/or may change from pale, to blue, to red. Instruct patients to report to their physician any new numbness, pain, skin color change, or sensitivity

Increased Blood Pressure

-DOSAGE FORMS AND STRENGTHS

--- CONTRAINDICATIONS

----WARNINGS AND PRECAUTIONS----

Pediatric patients not growing or gaining height or weight as expected may need to have their treatment interrupted. (5.5)

Peripheral Vasculopathy, including Raynaud's phenomenon: Careful observation for digital changes is necessary during lisdexamfetamine dimesylate chewable tablets treatment. Further clinical evaluation (e.g., rheumatology referral) may be

appropriate for patients who develop signs or symptoms of peripheral vasculopathy, (5.6)

Serotonin Syndrome: Increased risk when co-administered with serotonergic agents (e.g., SSRIs, SNRIs, triptans), but also during overdosage situations. If it occurs, discontinue lisdexamfetamine dimesylate chewable tablets and initiate supportive

Motor and Verbal Tics, and Worsening of Tourette's Syndrome: Before initiating lisdexamfetamine dimesylate chewable tablets assess the family history and clinically evaluate nations for tics or Tourette's condesses.

Most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) in pediatric patients ages 6 to 17 years.

Most common adverse reactions (incidence ≥ 5% and at a rate at least twice placebo) in adults with BED were dry mouth, insomnia.

To report SUSPECTED ADVERSE REACTIONS, contact Camber Pharmaceuticals, Inc., at 1-866-495-8330 or FDA at 1-800-

Acidifying and Alkalinizing Agents: Agents that alter urinary pH can alter blood levels of amphetamine. Acidifying agents decrease amphetamine blood levels, while alkalinizing agents increase amphetamine blood levels. Adjust lisdexamfetamine dimesylate

---DRUG INTERACTIONS---

-- USE IN SPECIFIC POPULATIONS

P450 2D6 (CYP2D6) inhibitors may also increase the risk with increased exposure to the active metabolite of lisdexamfetamine dimesylate (dextroamphetamine). In these situations, consider an alternative non-serotonergic drug or an alternative drug that does not inhibit CYP2D6 [see Drug Interactions (7.1)].

Serotonin syndrome symptoms may include mental status changes (e.g., agitation, hallucinations, delirium, and coma), autonomic instability (e.g., tachycardia, labile blood pressure, dizziness, diaphoresis, flushing, hyperthermia), neuromuscular symptoms (e.g., tremor, rigidity, myoclonus, hyperreflexia, incoordination), seizures, and/or gastrointestinal symptoms (e.g., nausea, vomiting,

Discontinue treatment with lisdexamfetamine dimesylate and any concomitant serotonergic agents immediately if symptoms of serotonin syndrome occur, and initiate supportive symptomatic treatment. If concomitant use of lisdexamfetamine dimesylate with other serotonergic drugs or CYP2D6 inhibitors is clinically warranted, initiate lisdexamfetamine dimesylate with lower doses, monitor patients for the emergence of serotonin syndrome during drug initiation or titration, and inform patients of the increased

CNS stimulants, including amphetamine, have been associated with the onset or exacerbation of motor and verbal tics. Worsening of Tourette's syndrome has also been reported [see Adverse Reactions (6.2]].

Before initiating lisdexamfetamine dimesylate chewable tablets, assess the family history and clinically evaluate patients for tics

Known hypersensitivity to amphetamine products or other ingredients of lisdexamfetamine dimesylate [see Contraindications (4)]
Hypertensive Crisis When Used Concomitantly with Monoamine Oxidase Inhibitors [see Contraindications (4) and Drug

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a

The safety data in this section is based on data from the 4-week controlled parallel-group clinical studies of lisdexamfetamine

drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

Interactions (7.1)]
Abuse, Misuse, and Addiction [see Boxed Warning, Warnings and Precautions (5.1), and Drug Abuse and Dependence (9.2, 9.3)]

Concomitant use of lisdexamfetamine dimesylate with MAOI drugs is contraindicated [see Contraindications (4)]

rette's syndrome. Regularly monitor lisdexamfetamine dimesylate chewable tablets-treated pat ning of tics or Tourette's syndrome, and discontinue treatment if clinically appropriate.

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

Robes, insides, and volunturing see booker warming, warmings and Precautions (5-7); and brug A Risks to Patients with Serious Cardiac Disease [see Warmings and Precautions (5-2)] Increased Blood Pressure and Heart Rate [see Warmings and Precautions (5-3)] Psychiatric Adverse Reactions [see Warmings and Precautions (5-4)] Long-Term Suppression of Growth in Pediatric Patients [see Warmings and Precautions (5-5)]

Peripheral Vasculopathy, including Raynaud's phenomenon [see Warnings and Precautions (5.6)] Serotonin Syndrome [see Warnings and Precautions (5.7)]

Motor and Verbal Tics, and Worsening of Tourette's Syndrome Isee Warnings and Precautions (5.8)

assess the family history and clinically evaluate patients for tics or Tourette's syndrome. Regularly monito emergence or worsening of tics or Tourette's syndrome. Discontinue treatment if clinically appropriate. (5.8)

reased appetite, increased heart rate, constipation, feeling jittery, and anxiety. (6.1)

---ADVERSE REACTIONS----

and/or adults with ADHD were anorexia, anxiety, decreased appetite, decreased weight, diarrhea, dizziness, dry mouth, irrital insomnia, nausea, upper abdominal pain, and vomiting. (6.1)

Known hypersensitivity to amphetamine products or other ingredients in lisdexamfetamine dimesylate (4) Use with monoamine oxidase (MAO) inhibitor, or within 14 days of the last MAO inhibitor dose (4, 7.1)

Chewable tablets: 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg (3)

.625"

.625"

1.375"H x 1.375"W

Revised: 10/2025

HIGHLIGHTS OF PRESCRIBING INFORMATION These highlights do not include all the information needed to use LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS safely and effectively. See full prescribing information for LISDEXAMFETAMINE DIMESYLATE CHEWABLE TABLETS. LISDEXAMFETAMINE DIMESYLATE chewable tablets, for oral use, CII

WARNING: ABUSE, MISUSE, AND ADDICTION

See full prescribing information for complete boxed warning.

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse, which can lead to the development of a substance use disorder, including addiction. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death (5.1, 9.2, 10):

Before prescribing lisdexamfetamine dimesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction

before prescribing indexamine uninesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction.

Educate patients and their families about these risks, proper storage of the drug, and proper disposal of any unused drug.

Throughout treatment, reassess each patient's risk and frequently monitor for signs and symptoms of abuse, misuse, and addiction. ... ients and their families about these risks, proper storage of the drug, and proper disposal of any

--RECENT MAJOR CHANGES---Indications and Usage (1) Warnings and Precautions (5.5) 09/2025 ---INDICATIONS AND USAGE---

Lisdexamfetamine dimesylate chewable tablets are a central nervous system (CNS) stimulant indicated for the treatment of (1):

Attention Deficit Hyperactivity Disorder (ADHD) in adults and pediatric patients 6 years and older

Moderate to severe binge eating disorder (BED) in adults

The use of lisdexamfetamine dimesylate chewable tablets are not recommended in pediatric patients younger than 6 years of age because they had higher plasma exposure and a higher incidence of adverse reactions (e.g., weight loss) than patients 6 years and older at the same dosage (5.5, 8.4)
 Lisdexamfetamine dimesylate are not indicated for weight loss. Use of other sympathomimetic drugs for weight loss has been associated with serious cardiovascular adverse events. The safety and effectiveness of lisdexamfetamine dimesylate for the treatment of obesity have not been established (5.2)

	DUSAC	AE AND ADMINISTRATION	V	
Indicated Population	Initial Dose	Titration Schedule	Recommended Dose	Maximum Dose
ADHD (Adults and pediatric patients 6 years and older) (2.2)	30 mg every morning	10 mg or 20 mg weekly	30 mg to 70 mg per day	70 mg per day
BED (Adults) (2.3)	30 mg every morning	20 mg weekly	50 mg to 70 mg per day	70 mg per day

Prior to treatment, assess for presence of cardiac disease (2.4) Severe renal impairment: Maximum dose is 50 mg/day (2.5)
 End stage renal disease (ESRD): Maximum dose is 30 mg/day (2.5)

ARNING: ABUSE, MISUSE, AND ADDICTION INDICATIONS AND USAGE DOSAGE AND ADMINISTRATION

FULL PRESCRIBING INFORMATION: CONTENTS*

Width: 17.0" **Length: 22.0"**

Fold: 1.375" x 1.375"

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2.2 General Administration Information
2.3 Dosage for Treatment of ADHD
2.4 Dosage for Treatment of Moderate to Severe BED in Adults
2.5 Dosage in Patients with Renal Impairment
3.6 Dosage in Midfinistions with Renal Impairment
4.7 Dosage in Midfinistions with Renal Impairment
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WARNINGS AND PRECAUTIONS
5.1 Abuse, Misuse, and Addiction
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5.1 Clinical Trials Experience 7 DRUG INTERACTIONS

7.1 Drugs Having Clinically Important Interactions with Amphetamines
7.2 Drugs Having No Clinically Important Interactions with Lisdexamfetamine Dimesylate

8 LISE IN SPECIFIC POPULATIONS 8.1 Pregnancy 8.2 Lactation

FDA-1088 or www.fda.gov/medwatch.

Pregnancy: May cause fetal harm (8.1)
 Lactation: Breastfeeding not recommended (8.2)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide

dosage accordingly. (2.6, 7.1)

9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance 9.2 Abuse 11 DESCRIPTION

12 CLINICAL PHARMACOLOGY 12.1 Mechanism of Action 12.2 Pharmacodynamics 13 NONCLINICAL TOXICOLOGY

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

Table 2

Attention Deficit Hyperactivity Disorder

13.1 Carcinogenesis, Mutagenesis, and Impairment of Fertility
13.2 Animal Toxicology and/or Pharmacology 14 CLINICAL STUDIES

14.1 Attention Deficit Hyperactivity Disorder (ADHD)
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16 HOW SUPPLIED/STORAGE AND HANDLING

6.2 Storage and Handling

17 PATIENT COUNSELING INFORMATION

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

5.8 Motor and Verbal Tics, and Worsening of Tourette's Syndrome

FULL PRESCRIBING INFORMATION

WARNING: ABUSE, MISUSE, AND ADDICTION

Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse, which can lead to the development of a substance use disorder, including addiction. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death [see Overdosage (10)], and this risk is increased with higher doses or unapproved methods of administration, such as snorting or injection.

Before prescribing lisdexamfetamine dimesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction. Educate patients and their families about these risks, proper storage of the drug, and proper disposal of any unused drug. Throughout lisdexamfetamine dimesylate chewable tablets treatment, reassess each patient's risk of abuse, misuse, and addiction and frequently monitor for signs and symptoms of abuse, misuse, and addiction [see Warnings and Precautions (5.1), Drug Abuse and Dependence (9.2)].

1. INDICATIONS AND USAGE

Lisdexamfetamine dimesylate chewable tablets are indicated for the treatment of:

 Attention Deficit Hyperactivity Disorder (ADHD) in adults and pediatric patients 6 years and older [see Clinical Studies (14.1)]
 Moderate to severe binge eating disorder (BED) in adults [see Clinical Studies (14.2)]. Limitations of Use:

 The use of lisdexamfetamine dimesylate chewable tablets are not recommended in pediatric patients younger than 6 years of The use of lisoexamieramine dimesylate chewaole tables are not recommended in pediatric patients younger than 6 years or age because they had higher plasma exposure and a higher incidence of adverse reactions (e.g., weight loss) than patients 6 years and older at the same dosage [see Warnings and Precautions (5.5), Use in Specific Populations (8.4)]. Lisdexamfetamine dimesylate are not indicated or recommended for weight loss. Use of other sympathomimetic drugs for weight loss has been associated with serious cardiovascular adverse events. The safety and effectiveness of lisdexamfetamine dimesylate for the treatment of obesity have not been established [see Warnings and Precautions (5.2)].

2. DOSAGE AND ADMINISTRATION 2.1 Pretreatment Screening

Prior to treating patients with lisdexamfetamine dimesylate chewable tablets, assess:

• for the presence of cardiac disease (i.e., perform a careful history, family history of sudden death or ventricular arrhythmia, and physical exam) [see Warnings and Precautions (5.2)]. the family history and clinically evaluate patients for motor or verbal tics or Tourette's syndrome before initiating lisdexamfetamine dimesylate chewable tablets [see Warnings and Precautions (5.8)].

Take lisdexamfetamine dimesylate orally in the morning with or without food; avoid afternoon doses because of the potential for insomnia. Lisdexamfetamine dimesylate may be administered in one of the following ways:

Information for lisdexamfetamine dimesylate chewable tablets: Lisdexamfetamine dimesvlate chewable tablets must be chewed thoroughly before swallowing

Lisdexamfetamine dimesylate capsules can be substituted with lisdexamfetamine dimesylate chewable tablets on a unit per unit/ mg per mg basis (for example, 30 mg capsules for 30 mg chewable tablet) [see Clinical Pharmacology (12.3)]. Do not take anything less than one capsule or chewable tablet per day. A single dose should not be divided.

2.3 Dosage for Treatment of ADHD ended starting dosage in adults and pediatric patients 6 years and older is 30 mg once daily in the morning. Dosage

may be adjusted in increments of 10 mg or 20 mg at approximately weekly intervals up to maximum recommended dosage of 70 mg once daily Isee Clinical Studies (14.1)] 2.4 Dosage for Treatment of Moderate to Severe BED in Adults

The recommended starting dosage in adults is 30 mg once daily to be titrated in increments of 20 mg at approximately weekly intervals to achieve the recommended target dose of 50 mg to 170 mg once daily. The maximum recommended dosage is 70 mg once daily see Clinical Studies (14.2)]. Discontinue lisdexamfetamine dimesylate if binge eating does not improve.

2.5 Dosage in Patients with Renal Impairment
In patients with severe renal impairment (GFR 15 to <30 mL/min/1.73 m²), the maximum dosage should not exceed 50 mg once daily. In patients with end stage renal disease (ESRD, GFR <15 mL/min/1,73 m²), the maximum recommended dosage is 30 mg

once daily Isee Use in Specific Populations (8.6)1. 2.6 Dosage Modifications due to Drug Interactions

Agents that after urinary pH can impact urinary excretion and after blood levels of amphetamine. Acidifying agents (e.g., ascorbic acid) decrease blood levels, while alkalinizing agents (e.g., sodium bicarbonate) increase blood levels. Adjust lisdexamfetamine dimesylate dosage accordingly [see Drug Interactions (7.1)].

3 DOSAGE FORMS AND STRENGTHS Lisdexamfetamine dimesvlate chewable tablets:

Chewable tablets 10 mg: White to off-white, round biconvex tablets, debossed 'AT' on one side and '10' on the other side. . Chewable tablets 20 mg: White to off-white, hexagon shaped biconvex tablets, debossed 'AT' on one side and '20' on the

Chewable tablets 30 mg: White to off-white, triangle shaped biconvex tablets, debossed 'AT' on one side and '30' on the

able tablets 40 mg: White to off-white, modified capsule shaped biconvex tablets, debossed 'AT' on one side and '40' Chewable tablets 50 mg: White to off-white, square shaped biconvex tablets, debossed 'AT' on one side and '50' on the other

• Chewable tablets 60 mg: White to off-white, diamond shaped biconvex tablets, debossed 'AT' on one side and '60' on the

4 CONTRAINDICATIONS Lisdexamfetamine dimesylate chewable tablets are contraindicated in patients with:

Known hypersensitivity to amphetamine products or other ingredients of lisdexamfetamine dimesylate. Anaphylactic reactions, Stevens-Johnson Syndrome, angioedema, and urticaria have been observed in postmarketing reports [see Adverse Reactions]

Patients taking monoamine oxidase inhibitors (MAOIs), or within 14 days of stopping MAOIs (including MAOIs such as linezolid
or intravenous methylene blue), because of an increased risk of hypertensive crisis [see Warnings and Precautions (5.7) and
Drug Interactions (7.1)].

5 WARNINGS AND PRECAUTIONS

5.1 Abuse, Misuse, and Addiction Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse. The use of lisdexamfetamine dimesylate Edwardinetamine dimesyrate chewable tablets has a night potential not adules and insuse, in the use of insubstantealment mineralment miner

Before prescribing lisdexamfetamine dimesylate chewable tablets, assess each patient's risk for abuse, misuse, and addiction. Educate patients and their families about these risks and proper disposal of any unused drug. Advise patients to store lisdexamfetamine dimesylate chewable tablets in a safe place, preferably locked, and instruct patients to not give lisdexamfetamine dimesylate chewable tablets to anyone else. Throughout lisdexamfetamine dimesylate chewable tablets treatment, reassess each patient's risk of abuse, misuse, and addiction and frequently monitor for signs and symptoms of abuse, misuse, and addiction. 5.2 Risks to Patients with Serious Cardiac Disease

treated with CNS stimulants at the recommended ADHD dosage. Avoid lisdexamfetamine dimesylate chewable tablets use in patients with known structural cardiac abnormalities, cardiomyopathy, serious cardiac arrhythmia, coronary artery disease, o other serious cardiac disease. Sudden death has been reported in patients with structural cardiac abnormalities or other serious cardiac disease who were

5.3 Increased Blood Pressure and Heart Rate CNS stimulants cause an increase in blood pressure (mean increase about 2 to 4 mm Hg) and heart rate (mean increase about 3

to 6 bpm). Some patients may have larger increases. Monitor all lisdexamfetamine dimesylate chewable tablets-treated patients for potential tachycardia and hypertension. 5.4 Psychiatric Adverse Reactions

Exacerbation of Pre-existing Psychosis

esvlate chewable tablets.

CNS stimulants may exacerbate symptoms of behavior disturbance and thought disorder in patients with a pre-existing psychotic

Induction of a Manic Episode in Patients with Bipolar Disorder

CNS stimulants may induce a manic or mixed episode. Prior to initiating lisdexamfetamine dimesylate chewable tablets treatment, een patients for risk factors for developing a manic episode (e.g., comorbid or history of depressive symptoms or a family history

of suicide, bipolar disorder, and depression

New Psychotic or Manic Symptoms CNS stimulants, at the recommended dosage, may cause psychotic or manic symptoms (e.g., hallucinations, delusional thinking, or mania) in patients without a prior history of psychotic illness or mania. In a pooled analysis of multiple short-term, placebo-controlled studies of CNS stimulants, psychotic or manic symptoms occurred in approximately 0.1% of CNS stimulant-treated patients compared to 0% of placebo-treated patients. If such symptoms occur, consider discontinuing lisdexamfetamine

5.5 Long-Term Suppression of Growth in Pediatric Patients Lisdexamfetamine dimesylate chewable tablets are not approved for use and are not recommended in pediatric patients below 6 years of age [see Use in Specific Populations (8.4)].

CNS stimulants have been associated with weight loss and slowing of growth rate in pediatric patients. In a 4-week, placebo-controlled trial of lisdexamfetamine dimesylate chewable tablets in pediatric patients ages 6 to 12 years old with ADHD, there was a dose-related decrease in weight in the lisdexamfetamine dimesylate chewable tablets groups compared to weight gain in the placebo group. Additionally, in studies of another stimulant, there was slowing of the increase in height [see Adverse Reactions in 11].

Closely monitor growth (weight and height) in lisdexamfetamine dimesylate chewable tablets-treated pediatric patients. Patients who are not growing or gaining height or weight as expected may need to have their treatment interrupted.

5.6 Peripheral Vasculopathy, including Raynaud's Phenomenon

CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, used to treat ADHD are associated with peripheral vasculopathy, including Raynaud's phenomenon. Signs and symptoms are usually intermittent and mild', however, sequelae have included digital ulceration and/or soft tissue breakdown. Effects of peripheral vasculopathy, including Raynaud's phenomenon, were observed in post-marketing reports and at the therapeutic dosages of CNS stimulants in all age groups throughout the course of treatment. Signs and symptoms generally improved after dosage reduction or discontinuation of the CNS stimulant.

Careful observation for digital changes is necessary during lisdexamfetamine dimesylate chewable tablets treatment. Further clinical evaluation (e.g., rheumatology referral) may be appropriate for lisdexamfetamine dimesylate chewable tablets-treated patients who develop signs or symptoms of peripheral vasculopathy.

S-7. Serotonin Syndrome
Serotonin Syndrome
Serotonin syndrome
Serotonin syndrome, a potentially life-threatening reaction, may occur when amphetamines are used in combination with other drugs that affect the serotonergic neurotransmitter systems such as monoamine oxidase inhibitors (MAOIs), selective serotonin reuptake inhibitors (SRIs), serotonin norepinephrine reuptake inhibitors (SRIs), triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, and St. John's Wort [see Drug Interactions (7.1)]. The co-administration with cytochrome

Hyperhidrosis 0% 3% 0% Restlessness creased Weigh 0% 2% 0% Dyspnea ncreased Heart Rate 2% 0% 2% 0% Palpitations 2% 0%

In addition, in the adult population erectile dysfunction was observed in 2.6% of males on lisdexamfetamine dimes placebo; decreased libido was observed in 1.4% of subjects on lisdexamfetamine dimesylate and 0% on placebo Weight Loss and Slowing Growth Rate in Pediatric Patients with ADHD

weight. Loss and sowing brown hate in reulaut, ratiens with normal in a controlled trial of lisdexamfetamine dimesylate in pediatric patients ages 6 to 12 years (Study 1), mean weight loss from baseline after 4 weeks of therapy was -0.9, -1.9, and -2.5 pounds, respectively, for patients receiving 30 mg, 50 mg, and 70 mg of lisdexamfetamine dimesylate, compared to a 1 pound weight gain for patients receiving placebo. Higher doses were associated with greater weight loss with 4 weeks of treatment. Careful follow-up for weight in pediatric patients ages 6 to 12 years who received lisdexamfetamine dimesylate over 12 months suggests that consistently medicated pediatric patients (i.e., treatment for 7 days per week throughout the year) have a slowing in growth rate, measured by body weight as demonstrated by an age- and ex-normalized mean change from baseline in percentile, of -13.4 over 1 year (average percentiles at baseline and 12 months were 60.9 and 47.2, respectively). In a 4-week controlled trial of lisdexamfetamine dimesylate in pediatric patients ages 13 to 17 years, mean weight loss from baseline to endpoint was -2.7, -4.3, and -4.8 lbs., respectively, for patients receiving 30 mg, 50 mg, and 70 ng of lisdexamfetamine dimesylate, compared to a 2.0 pound weight gain for patients receiving placebo.

Careful follow-up of weight and height in pediatric patients ages 7 to 10 years who were randomized to either methylphenidate Careful follow-up of weight and height in pediatric patients ages 7 to 10 years who were randomized to either methylphenidate or non-medication treatment groups over 14 months, as well as in naturalistic subgroups of newly methylphenidate-treated and non-medication treated pediatric patients over 36 months (to the ages of 10 to 13 years), suggests that consistently medicated pediatric patients ages 7 to 13 years (i.e., treatment for 7 days per week throughout the year) have a temporary slowing in growth rate (on average, a total of about 2 cm less growth in height and 2.7 kg less growth in weight over 3 years), without evidence of growth rebound during this period of development. In a controlled trial of amphetamine (d- to I-enantiomer ratio of 3:1) in pediatric patients ages 13 to 17 years, mean weight change from baseline within the initial 4 weeks of therapy was -1.1 pounds and -2.8 pounds, respectively, for patients receiving 10 mg and 20 mg of amphetamine. Higher doses were associated with greater weight loss within the initial 4 weeks of treatment [see Warnings and Precautions (5.5)].

Weight Loss in Adults with ADHD In the controlled adult trial (Study 7), mean weight loss after 4 weeks of therapy was 2.8 pounds, 3.1 pounds, and 4.3 pounds, for patients receiving final doses of 30 mg, 50 mg, and 70 mg of lisdexamfetamine dimesylate, respectively, compared to a mean weight gain of 0.5 pounds for patients receiving placebo.

Binge Eating Disorder The safety data in this section is based on data from two 12-week parallel group, flexible-dose, placebo-controlled studies in adults with BED [see Clinical Studies 14.2]. Patients with cardiovascular risk factors other than obesity and smoking were excluded.

Adverse Reactions Associated with Discontinuation of Treatment in RED Clinical Trials In controlled trials of patients ages 18 to 55 years, 5.1% (19/373) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 2.4% (9/372) of placebo-treated patients. No single adverse reaction led to discontinuation in 1% or more of lisdexamfetamine dimesylate-treated patients. Less commonly reported adverse reactions (less than 1% or less than twice rate of placebo) included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rash, insomnia, irritability, fedical size of the placebo included increased heart rate, headache, abdominal pain upper, dyspnea, rath, insomnia, irritability, fedical size of the placebo increased heart rate, headache, abdominal pain upper, dyspnea, rath, insomnia, irritability, fedical size of the placebo increased heart rath, insomnia, irritability, fedical size of the placebo increased

Adverse Reactions Occurring at an Incidence of 5% or More and At Least Twice Placebo Among Lisdexamfetamine Dimesylate Treated Patients with BED in Clinical Trials

The most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) reported in adults were dry mouth, insomnia, decreased appetite, increased heart rate, constipation, feeling jittery, and anxiety.

Adverse Reactions Occurring at an Incidence of 2% or More and At Least Twice Placebo Among Lisdexamfetamine Dimesylate Treated Patients with BED in Clinical Trials Adverse reactions reported in the pooled controlled trials in adult patients (Study 11 and 12) treated with lisdexamfetamine dimesylate or placebo are presented in Table 4 below.

Adverse Reactions Reported by 2% or More of Adult Patients with BED Taking Lisdexamfetamine
Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo in 12-Week Clinical
Trials (Study 11 and 12)

Iriais (Study 11 and 12)				
	Lisdexamfetamine dimesylate (N=373)	Placebo (N=372)		
Dry Mouth	36%	7%		
Insomnia ¹	20%	8%		
Decreased Appetite	8%	2%		
Increased Heart Rate ²	7%	1%		
Feeling Jittery	6%	1%		
Constipation	6%	1%		
Anxiety	5%	1%		
Diarrhea	4%	2%		
Decreased Weight	4%	0%		
Hyperhidrosis	4%	0%		
Vomiting	2%	1%		
Gastroenteritis	2%	1%		
Paresthesia	2%	1%		
Pruritus	2%	1%		
Upper Abdominal Pain	2%	0%		
Energy Increased	2%	0%		
Urinary Tract Infection	2%	0%		
Nightmare	2%	0%		
Restlessness	2%	0%		
Oropharyngeal Pain	2%	0%		

1 Includes all preferred terms containing the word "insomnia Includes the preferred terms "heart rate increased" and "tachycardia 6.2 Postmarketing Experience

The following adverse reactions have been identified during post-approval use of lisdexamfetamine dimesylate. 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. These events are as follows: cardiomyopathy, mydriasis, diplopia, difficulties with visual accommodation, blurred vision, eosinophilic hepatitis, anaphylactic reaction, hypersensitivity, dyskinesia, dysgeusia, motor and verbal tics, bruxism, depression, dermatillomania, alopecia, aggression, Stevens-Johnson Syndrome, chest pain, angioedema, urticaria, seizures, libido changes, frequent or prolonged erections, constipation, rhabdomyolysis, and intestinal ischemia.

7.1 Drugs Having Clinically Important Interactions with Amphetamine Table 5 Drugs having clinically important interactions with amphetamines.

MAO Inhibitors (MAOI)		
Clinical Impact	MAOI antidepressants slow amphetamine metabolism, increasing amphetamines effect or the release of norepinephrine and other monoamines from adrenergic nerve endings causing headaches and other signs of hypertensive crisis. Toxic neurological effects and malignant hyperpyrexia can occur, sometimes with fatal results.	
Intervention	Do not administer lisdexamfetamine dimesylate during or within 14 days following the administration of MAOI [see Contraindications (4)].	
Serotonergic Drugs		
Clinical Impact	The concomitant use of lisdexamfetamine dimesylate and serotonergic drugs increases the risk of serotonin syndrome.	
Intervention	Initiate with lower doses and monitor patients for signs and symptoms of serotonin syndrome particularly during lisdexamfetamine dimesylate initiation or dosage increase. If serotonin syndrome occurs, discontinue lisdexamfetamine dimesylate chewable tablets and the concomitant serotonergic drug(s) [see Warnings and Precautions (5.7)].	
CYP2D6 Inhibitors		
Clinical Impact	The concomitant use of lisdexamfetamine dimesylate and CYP2D6 inhibitors may increase the exposure of dextroamphetamine, the active metabolite of lisdexamfetamine dimesylate compared to the use of the drug alone and increase the risk of serotonin syndrome.	
Intervention	Initiate with lower doses and monitor patients for signs and symptoms of serotonin syndrome particularly during lisdexamfetamine dimesylate initiation and after a dosage increase. It serotonin syndrome occurs, discontinue lisdexamfetamine dimesylate and the CYP2D6 inhibitor [see Warnings and Precautions (5.7) and Overdosage (10)].	
Alkalinizing Agents		
Clinical Impact	Urinary alkalinizing agents can increase blood levels and potentiate the action of amphetamine.	
Intervention	Co-administration of lisdexamfetamine dimesylate and urinary alkalinizing agents should be avoided.	
Acidifying Agents		
Clinical Impact	Urinary acidifying agents can lower blood levels and efficacy of amphetamines.	
Intervention	Increase dose based on clinical response.	

	potentiated.		
Intervention	Monitor frequently and adjust or use alternative therapy based on clinical response.		
7.2 Drugs Having No Clinically Important Interactions with Lisdexamfetamine Dimesylate From a pharmacokinetic perspective, no dose adjustment of lisdexamfetamine dimesylate is necessary when lisdexamfetamine dimesylate is co-administered with guanfacine, venlafaxine, or omeprazole. In addition, no dose adjustment of guanfacine venlafaxine is needed when lisdexamfetamine dimesylate is co-administered [see Clinical Pharmacology (12.3)].			
	pective, no dose adjustment for drugs that are substrates of CYP1A2 (e.g., theophylline, duloxetine, omoxetine, desipramine, venlafaxine), CYP2C19 (e.g., omeprazole, lansoprazole, clobazam), and		

May enhance the activity of tricyclic or sympathomimetic agents causing striking and sustained increases in the concentration of d-amphetamine in the brain; cardiovascular effects can be

CYP3A4 (e.g., midazolam, pimozide, simvastatin) is necessary when lisdexamfetamine dimesylate is co-administered [see Clinical

8 USE IN SPECIFIC POPULATIONS 8.1 Pregnancy

Tricvclic Antidea

Clinical Impact

8.1 Pregnancy
Pregnancy Exposure Registry
There is a pregnancy exposure registry that monitors pregnancy outcomes in women exposed to ADHD medications during pregnancy. Healthcare providers are encouraged to register patients by calling the National Pregnancy Registry for Psychostimulants at 1-866-961-2388 or visiting online at https://womensmentalhealth.org/clinical-and-research-programs/pregnancyregistry/ adhd-medications/.

Risk Summary
The limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant in literature and postmarketing reports on use of lisdexamfetamine dimesylate in literature and postmarketing reports on use of lisdexamfetamine dimesylate in literature and postmarketing reports on use of lisdexamfetamine dimesylate in literature and postmarketing reports on use of lisdexamfetamine dimesylate in literature and postmarketing reports on use of listerature and listeratur The limited available data from published literature and postmarketing reports on use of lisdexamfetamine dimesylate in pregnant women are not sufficient to inform a drug-associated risk for major birth defects and miscarriage. Adverse pregnancy outcomes, including premature delivery and low birth weight, have been seen in infants born to mothers dependent on amphetamines [see Clinical Considerations]. In animal reproduction studies, lisdexamfetamine dimesylate (a prodrug of d-amphetamine) had no effects on embryo-fetal morphological development or survival when administered orally to pregnant rad rabbits throughout the period of organogenesis. Pre- and postnatal studies were not conducted with lisdexamfetamine dimesylate. However, amphetamine (d- to I-ratio of 3:1) administration to pregnant rats during gestation and lactation caused a decrease in pup survival and a delay in developmental landmarks at clinically relevant doses of amphetamine. In addition, adverse effects on reproductive performance were observed in pups whose mothers were treated with amphetamine. Long-term neurochemical and behavioral effects have also been reported in animal developmental studies using clinically relevant doses of amphetamine [see Data]. amphetamine [see Data].

The estimated background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnan have a background risk of birth defect, loss or other adverse outcomes. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2-4% and 15-20%, respectively. Clinical Considerations etal/Neonatal Adverse Reactions

Amphetamines, such as lisedexamfetamine dimesylate, cause vasoconstriction and thereby may decrease placental perfusion. In addition, amphetamines can stimulate uterine contractions increasing the risk of premature delivery. Infants born to amphetaminedependent mothers have an increased risk of premature delivery and low birth weight. Monitor infants born to mothers taking amphetamines for symptoms of withdrawal such as feeding difficulties, irritability, agitation,

Lisdexamfetamine dimesylate had no apparent effects on embryo-fetal morphological development or survival when administered corally to pregnant rats and rabbits throughout the period of organogenesis at doses of up to 40 and 120 mg/kg/day, respectively. These doses are approximately 5.5 and 33 times, respectively, the maximum recommended human dose (MRHD) of 70 mg/day given to adults, on a mg/m² body surface area basis.

A study was conducted with amphetamine (d- to I-enantiomer ratio of 3:1) in which pregnant rats received daily oral doses of 2, 6, and 10 mg/kg from gestation day 6 to lactation day 20. All doses caused hyperactivity and decreased weight gain in the dams o, and to highking from gestation day 6 to lactation day 2.0. All obesic causes in pipe lactivity and decreases on up survival was seen at 18 and 10 mg/kg, which correlated with delays in developmental landmarks, such as preputial separation and vaginal opening. Increased pup locomotor activity was seen at 10 mg/kg on day 22 postpartum but not at 5 weeks postweaning. When pups were tested for reproductive performance at maturation, gestational weight gain, number of implantations, and number of delivered pups were decreased in the group whose mothers had been given 10 mg/kg.

A number of studies from the literature in rodents indicate that prenatal or early postnatal exposure to amphetamine (d- or d, l-) at doses similar to those used clinically can result in long-term neurochemical and behavioral alterations. Reported behavioral effects include learning and memory deficits, altered locomotor activity, and changes in sexual function.

. nine is a pro-drug of dextroamphetamine. Based on limited case reports in published literature, amphetamine (d- or Lisbexammeration is a pro-drug or dextorampleatine. Based on infinited scale reports in published interface, antipricial fine and (1-) is present in human milk, at relative infant doses of 2% to 13.8% of the material weight-adjusted dosage and a milk/plasma ratio ranging between 1.9 and 7.5. There are no reports of adverse effects on the breastfed infant. Long-term neurodevelopmental effects on infants from ampheratinine exposure are unknown. It is possible that large dosages of dextroamphetamine might interfere with milk production, especially in women whose lactation is not well established. Because of the potential for serious adverse reactions in nursing infants, including serious cardiovascular reactions, blood pressure and heart rate increase, suppression of growth, and peripheral vasculopathy, advise patients that breastfeeding is not recommended during treatment with listdexamfetamine dimesvalae. 8.4 Pediatric Use

ост сыпаль use
The safety and effectiveness of lisdexamfetamine dimesylate chewable tablets have not been established in pediatric patients below the age of 6 years.

Safety and effectiveness of lisdexamfetamine dimesylate have been established in pediatric patients with ADHD ages 6 to 17 years [see Dosage and Administration (2.3), Adverse Reactions (6.1), Clinical Pharmacology (12.3), and Clinical Studies (14.1)]. Safety and efficacy of lisdexamfetamine dimesylate were evaluated in a double-blind, randomized, parallel-group, placebo-controlled, fixed-dose study in pediatric patients ages 4 to 5 years with ADHD, followed by a 1-year open-label extension study. In these studies, patients experienced elevated rates of adverse reactions, including weight loss, decreased BMI, decreased appetite insomnia, infections (upper respiratory and nasopharyngitis), irritability, and affect lability.

With the same lisdexamfetamine dimesylate dose, mean steady state exposure of dextroamphetamine was approximately 44% higher in pediatric patients ages 4 to 5 years compared to the pediatric patients ages 6 to 11 years.

<u>BED</u> Safety and effectiveness of lisdexamfetamine dimesylate have not been established in pediatric patients with BED less than 18

<u>Growth Suppression</u>
Growth should be monitored during treatment with stimulants, including lisdexamfetamine dimesylate, and pediatric patients who are not growing or gaining weight as expected may need to have their treatment interrupted [see Warnings and Precautions (5.5) and Adverse Reactions (6.1)].

<u>Juvenile Animal Data</u>
Studies conducted in juvenile rats and dogs at clinically relevant doses showed growth suppression that partially or fully reversed in dogs and female rats but not in male rats after a four-week drug-free recovery period.

A study was conducted in which juvenile rats received oral doses of 4, 10, or 40 mg/kg/day of lisdexamfetamine dimesylate from day 7 to day 63 of age. These doses are approximately 0.3, 0.7, and 3 times the maximum recommended human daily dose of 70 mg on a mg/m² basis for a child. Dose-related decreases in food consumption, bodyweight gain, and crown-rump length were seen; after a four-week drug-free recovery period, bodyweights and crown-rump lengths had significantly recovered in females but were still substantially reduced in males. Time to vaginal opening was delayed in females at the highest dose, but there were no drug effects on fertility when the animals were mated beginning on day 85 of age.

In a study in which juvenile dogs received lisdexamfetamine dimensivate for 6 months beginning at 10 weeks of age, decreas bodyweight gain was seen at all doses tested (2, 5, and 12 mg/kg/day, which are approximately 0.5, 1, and 3 times the maximurecommended human daily dose on a mg/m² basis for a child). This effect partially or fully reversed during a four-week drug-fr recovery period.

8.5 Geriatric Use
Clinical studies of lisdexamfetamine dimesylate did not include sufficient numbers of subjects aged 65 and over to determine the force of the control of whether they respond differently from younger subjects. Other reported clinical experience and pharmacokinetic data [see Clinical Pharmacology (12.3)] have not identified differences in responses between the elderly and younger patients. In general, dose selection for an elderly patient should start 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.

Due to reduced clearance in patients with severe renal impairment (GFR 15 to <30 mL/min/1.73 m²), the maximum dose should not exceed 50 mg/day. The maximum recommended dose in ESRD (GFR <15 mL/min/1.73 m²) patients is 30 mg/day [see Clinical Pharmacology (12.3)].

Lisdexamfetamine and d-amphetamine are not dialyzable 9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance
Lisdexamfetamine dimesylate chewable tablets contains lisdexamfetamine, a prodrug of amphetamine, a Schedule II controlled

9.2 Abuse Lisdexamfetamine dimesylate chewable tablets has a high potential for abuse and misuse which can lead to the development of a substance use disorder, including addiction [see Warnings and Precautions (5.1)]. Lisdexamfetamine direcan be diverted for non-medical use into illicit channels or distribution.

Abuse is the intentional non-therapeutic use of a drug, even once, to achieve a desired psychological or physiological effect. Misuse is the intentional use, for therapeutic purposes, of a drug by an individual in a way other than prescribed by a health care provider or for whom it was not prescribed. Drug addiction is a cluster of behavioral, cognitive, and physiological phenomena that may include a strong desire to take the drug, difficulties in controlling drug use (e.g., continuing drug use (e.g., continuing drug use (e.g., continuing drug use) a higher priority to drug use than other activities and obligations), and possible tolerance or physical dependence.

Misuse and abuse of lisdexamfetamine, a prodrug of amphetamine, may cause increased heart rate, respiratory rate, or blood pressure; sweating; dilated pupils; hyperactivity; restlessness; insomnia; decreased appetite; loss of coordination; tremors; flushed skin; vomiting; and/or abdominal pain. Anxiety, psychosis, hostility, aggression, and suicidal or homicidal ideation have also been observed with CNS stimulants abuse and/or misuse. Misuse and abuse of CNS stimulants, including lisdexamfetamine dimesylate chewable tablets, can result in overdose and death [see Overdosage (10)], and this risk is increased with higher doses or unapproved methods of administration, such as snorting or injection. Studies of Lisdexamfetamine Dimesylate in Drug Abusers

A randomized, double-blind, placebo-control, cross-over, abuse liability study in 38 patients with a history of drug abuse was conducted with single-doses of 50, 100, or 150 mg of lisdexamfetamine dimesylate, 40 mg of immediate-release d-amphetamine sulphate (a controlled II substance). Lisdexamfetamine dimesylate 100 mg produced significantly less "Drug Liking Effects" as measured by the Drug Rating Questionnaire-Subject soore, "In the Control of the Cont

compared to d-amphetamine 40 mg; and 150 mg of lisdexamfetamine dimesylate demonstrated similar "Drug-Liking Effects" compared to 40 mg of d-amphetamine and 200 mg of diethylpropion. Intravenous administration of 50 mg lisdexamfetamine dimesylate to individuals with a history of drug abuse produced positive subjective responses on scales measuring "Drug Liking", "Euphoria", "Amphetamine Effects", and "Benzedrine Effects" that were greater than placebo but less than those produced by an equivalent dose (20 mg) of intravenous d-amphetamine.

9.3 Dependence Physical Dependence Lisdexamfetamine dim

amine dimesylate chewable tablets may produce physical dependence. Physical dependence is a state that develops Lisbexaminetamine dimesyrate chewable tablets may produce physical dependence. Physical dependence is a state that develops as a result of physiological adaptation in response to repeated drug use, manifested by withdrawal signs and symptoms after abrupt discontinuation or a significant dose reduction of a drug. Withdrawal signs and symptoms after abrupt discontinuation or dose reduction following prolonged use of CNS stimulants including lisdexamfetamine dimesylate chewable tablets include dysphoric mood; depression; fatigue; vivid, unpleasant dreams; insomnia or hypersomnia; increased appetite; and psychomotor retardation or agitation.

<u>Folerance</u> Lisdexamfetamine dimesylate chewable tablets may produce tolerance. Tolerance is a physiological state characterized by a reduced response to a drug after repeated administration (i.e., a higher dose of a drug is required to produce the same effect that was once obtained at a lower dose). 10 OVERDOSAGE

Clinical Effects of Overdose

Overdose of CNS stimulants is characterized by the following sympathomimetic effects: Overdose or CNS sumulants is characterized by the following sympathominetic effects:
 Cardiovascular effects including tachyarrhythmias, and hypertension or hypotension. Vasospasm, myocardial infarction, or aortic dissection may precipitate sudden cardiac death. Takotsubo cardiomyopathy may develop.
 CNS effects including psychomotor agitation, confusion, and hallucinations. Serotonin syndrome, seizures, cerebral vascular accidents, and coma may occur.
 Life-threatening hyperthermia (temperatures greater than 104°F) and rhabdomyolysis may develop.

Overdose Management Consider the possibility of multiple drug ingestion. The pharmacokinetic profile of lisdexamfetamine dimesulate should be

considered when treating patients with overd ose. Lisdexamfetamine and d-amphetamine are not dialyzable. Consider contacting 11 DESCRIPTION Lisdexamfetamine dimesylate, a CNS stimulant, is for once-a-day oral administration. The chemical designation for lisdexamfetamine dimesylate is (2S)-2,6-diamino-*N*-[(1S)-1-methyl-2-phenylethyl]hexanamide dimethanesulfonate. The molecular formula is C₁,H_x,N₄,O₇S_x, which corresponds to a molecular weight of 455.59. The chemical structure is:

Lisdexamfetamine dimesylate is a white to off-white powder that is soluble in water (986 mg/mL) Lisdexamfetamine dimesylate chewable tablets contain 10 mg, 20 mg, 30 mg, 40 mg, 50 mg, and 60 mg of lisdexamfetamine dimesylate (equivalent to 5.8 mg, 11.6 mg, 17.3 mg, 23.1 mg, 28.9 mg, and 34.7 mg of lisdexamfetamine). Inactive ingredients: Microcrystalline cellulose and guar gum, croscarmellose sodium, mannitol, sucralose, natural grape flavor, colloidal silicon dioxide, and magnesium stearate. Natural grape flavor contains maltodextrin, modified food starch (tapioca/waxy maize), natural flavor, triglycerides (medium chain), citric acid, tartaric acid and sodium benzoate.

12 CLINICAL PHARMACOLOGY 12.1 Mechanism of Action

equivalent.

Chewable Tablet formulation

Lisdexamfetamine is a prodrug of dextroamphetamine. Amphetamines are non-catecholamine sympathomimetic amines with CNS stimulant activity. The exact mode of therapeutic action in ADHD and BED is not known. 12.2 Pharmacodynamics

Amphetamines block the reuptake of norepinephrine and dopamine into the presynaptic neuron and increase the release of these monoamines into the extraneuronal space. The parent drug, lisdexamfetamine, does not bind to the sites responsible for the reuptake of norepinephrine and dopamine in vitro. 12.3 Pharmacokinetics nacokinetic studies after oral administration of lisdexamfetamine dimesylate have been conducted in healthy adult (capsule

Priamacokinetic studies are of variabilinistration of insidexamileralinite diniesylate have been conducted in reading datific (apstule and chewable tablet formulations) and pediatric (6 to 12 years) patients with ADHD (capsule formulation). After single dose administration of lisdexamfetamine dimesylate, pharmacokinetics of dextroamphetamine was found to be linear between 30 mg and 70 mg in a pediatric study (6 to 12 years), and between 50 mg and 250 mg in an adult study. Dextroamphetamine pharmacokinetic parameters following administration of lisdexamfetamine dimesylate in adults exhibited low inter-subject (<25%) and intra-subject (<8%) variability. There is no accumulation of lisdexamfetamine and dextroamphetamine at steady state in healthy adults.

Following Single-dose oral administration of lisdexamfetamine dimesylate capsule (30 mg, 50 mg, or 70 mg) in patients ages 6 to 12 years with ADHD under fasted conditions, T_{max} of lisdexamfetamine and dextroamphetamine was reached at approximately 1 hour and 3.5 hours post dose, respectively. Weight/Dose normalized 4UC and C_{max} values were the same in pediatric patients ages 6 to 12 years as the adults following single doses of 30 mg to 70 mg lisdexamfetamine dimesylate capsule. Effect of food on capsule formulation Neither food (a high fat meal or yogurt) nor orange juice affects the observed AUC and C_{max} of dextroamphetamine in healthy adults after single-dose oral administration of 70 mg of lisdexamfetamine dimesylate capsules. Food prolongs T_{max} by approximately 1 hour (from 3.8 hours at fasted state to 4.7 hours after a high fat meal or to 4.2 hours with yogurt). After an 8-hour fast, the AUC

for dextroamphetamine following oral administration of lisdexamfetamine dimesylate in solution and as intact capsules were

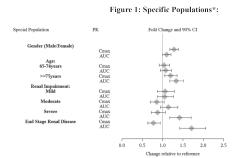
After a single dose administration of 60 mg lisdexamfetamine dimesylate chewable tablet in healthy subjects under fasted conditions, T_{\max} of lisdexamfetamine and dextroamphetamine was reached at approximately 1 hour and 4.4 hours post dose, respectively. Compared to 60 mg lisdexamfetamine dimesylate capsule, exposure (C_{\max} and AUC) to lisdexamfetamine was about 15% lower. The exposure (C_{max} and AUC_{int}) of dextroamphetamine is similar between lisdexamfetamine dimesylate chewable tablet and lisdexamfetamine dimesylate capsule Effect of food on tablet formulation stration of 60 mg lisdexamfetamine dimesylate chewable tablet with food (a high-fat meal) decreases the exposure (C,,,

and AUC_m) of dextroamphetamine by about 5% to 7%, and prolongs mean T_{max} by approximately 1 hour (from 3.9 hours at fasted Elimination

Plasma concentrations of unconverted lisdexamfetamine are low and transient, generally becoming non-quantifiable by 8 hours after administration. The plasma elimination half-life of lisdexamfetamine typically averaged less than one hour in volunteers ages 6 years and older. The plasma elimination half-life of dextroamphetamine was approximately 8.6 to 9.5 hours in pediatric patients 6 to 13 years and 10 to 11.7 between the hours of the plasma elimination half-life of dextroamphetamine was approximately 8.6 to 9.5 hours in pediatric patients 6 to 12 years and 10 to 11.3 hours in healthy adults Metabolism Lisdexamfetamine is converted to dextroamphetamine and I-lysine primarily in blood due to the hydrolytic activity of red blood cells after oral administration of lisdexamfetamine dimesylate. In vitro data demonstrated that red blood cells have a high capacity for metabolism of lisdexamfetamine; substantial hydrolysis occurred even at low hematocrit levels (33% of normal). Lisdexamfetamine is not metabolized by cytochrome P450 enzymes.

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Following oral administration of a 70 mg dose of radiolabeled lisdexamfetamine dimesylate to 6 healthy subjects, approximately 96% of the oral dose radioactivity was recovered in the urine and only 0.3% recovered in the feces over a period of 120 hours. Of the radioactivity recovered in the urine, 42% of the dose was related to amphetamine, 25% to hippuric acid, and 2% to intact lighter perfections.

troamphetamine in specific populations are summarized in Figure 1.



*Figure 1 shows the geometric mean ratios and the 90% confidence limits for C_{max} and AUC of d-amphetamine. Comparison for gender uses males as the reference. Comparison for age uses 55-64 years as the reference. Drug Interaction Studies Effects of other drugs on the exposures of dextroamphetamine are summarized in Figure 2.

dimesylate in pediatric and adult patients with ADHD [see Clinical Studies (14.1)] Adverse Reactions Associated with Discontinuation of Treatment in ADHD Clinical Trials In the controlled trial in pediatric patients ages 6 to 12 years (Study 1), 8% (18/218) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 0% (0/72) of placebo-treated patients. The most frequently reported adverse reactions (1% or more and twice rate of placebo) were ECG voltage criteria for ventricular hypertrophy, tic, vomiting, psychomotor hyperactivity, insomnia, decreased appetite and rash [2 instances for each adverse reaction, i.e., 2/218 (1%)]. Less frequently reported adverse reactions (less than 1% or less than twice rate of placebo) included abdominal pain upper, dry mouth weight decreased, dizziness, somnolence, logorrhea, chest pain, anger and hypertension

In the controlled trial in pediatric patients ages 13 to 17 years (Study 4), 3% (7/233) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 1% (1/77) of placebo-treated patients. The most frequently reported adverse reactions (1% or more and twice rate of placebo) were decreased appetite (2/233: 1%) and insomnia (2/233: 1%). Less requently reported adverse reactions (less than 1% or less than twice rate of placebo) included irritability, dermatillomania, moo In the controlled adult trial (Study 7), 6% (21/358) of lisdexamfetamine dimesylate-treated patients discontinued due to adverse reactions compared to 2% (1/62) of placebo-treated patients. The most frequently reported adverse reactions (1% or more and twice rate of placebo) were insomnia (8/358; 2%), tachycardia (3/358; 1%), irritability (2/358; 1%), hypertension (4/358; 1%), headache (2/358; 1%), and vyspona (3/358; 1%). Less frequently reported adverse reactions (less than 1% or less than twice rate of placebo) included palpitations, diarrhea, nausea, decreased appetite, dizziness, agitation, depression,

Adverse Reactions Occurring at an Incidence of ≥5% or More Among Lisdexamfetamine Dimesylate Treated Patients with ADHD The most common adverse reactions (incidence ≥5% and at a rate at least twice placebo) reported in pediatric patients ages 6 to 17 years, and/or adults were anorexia, anxiety, decreased appetite, decreased weight, diarrhea, dizziness, dry mouth, irritability, insomnia, nausea, upper abdominal pain, and vomiting.

Adverse Reactions Occurring at an Incidence of 2% or More Among Lisdexamfetamine Dimesylate Treated Patients with ADHD in Adverse reactions reported in the controlled trials in pediatric patients ages, 6 to 12 years (Study 1), pediatric patients ages 13 to 17 years (Study 4), and adult patients (Study 7) treated with lisdexamfetamine dimesylate or placebo are presented in Tables 1, 2 and 3 belo

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	Adverse Reactions Reported by 2% or More of Pediatric Patients Ages 6 to 12 Years with ADHD Taking Lisdexamfetamine Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo
	in a 4-Week Clinical Trial (Study 1)

	Lisdexamfetamine dimesylate (n=218)	Placebo (n=72)
Decreased Appetite	39%	4%
Insomnia	22%	3%
Abdominal Pain Upper	12%	6%
Irritability	10%	0%
Vomiting	9%	4%
Weight Decreased	9%	1%
Nausea	6%	3%
Dry Mouth	5%	0%
Dizziness	5%	0%
Affect lability	3%	0%
Rash	3%	0%
Pyrexia	2%	1%
Somnolence	2%	1%
Tic	2%	0%
Anorexia	2%	0%

Adverse Reactions Reported by 2% or More of Pediatric Patients Ages 13 to 17 Years with ADHD Taking Lisdexamfetamine Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placeb in a 4-Week Clinical Trial (Study 4)

	Lisdexamfetamine dimesylate (n=233)	Placebo (n=77)
Decreased Appetite	34%	3%
Insomnia	13%	4%
Weight Decreased	9%	0%
Dry Mouth	4%	1%
Palpitations	2%	1%
Anorexia	2%	0%
Tremor	2%	0%

Adverse Reactions Reported by 2% or More of Adult Patients with ADHD Taking Lisdexa Dimesylate and Greater than or Equal to Twice the Incidence in Patients Taking Placebo in a 4-Week Clinical Trial (Study 7) Lisdexamfetamine dimesylate

	(n=358)	(n=62)
Decreased Appetite	27%	2%
Insomnia	27%	8%
Dry Mouth	26%	3%
Diarrhea	7%	0%
Nausea	7%	0%
Anxiety	6%	0%
Anorexia	5%	0%
Feeling Jittery	4%	0%
Agitation	3%	0%