PROFESSIONAL INFORMATION

SCHEDDEING STATUS			
1. NAME OF THE MEDICINE			
ATTEZE [™] 10, 10 mg Hard capsules ATTEZE [™] 18, 18 mg Hard capsules			
ATTEZE [™] 18, 18 mg Hard capsules			
ATTEZE [™] 25. 25 mg Hard capsules			
ATTEZE [™] 40, 40 mg Hard capsules ATTEZE [™] 60, 60 mg Hard capsules			
ATTEZE [™] 60, 60 mg Hard capsules			
ATTEZE™ 80, 80 mg Hard capsules			

WARNING

WARNING: SUICIDAL IDEATION IN CHILDREN AND ADOLESCENTS Atomoxetine (contained in ATTEZE) increased the risk of suicidal ideation in short-term studies in children or adolescents with Attention-Deficit/Hyperactivity Disorder (ADHD). Anyone considering the use of ATTEZE in a child or adolescent must balance this risk with the clinical need. Co-morbidities occurring with ADHD may be associated with an increase in the risk of suicidal ideation and/or behaviour, Patients who are started on therapy should be monitored closely for suicidality (suicidal thinking and behaviour), clinical worsening, or unusual changes in behaviour. Families and caregivers should be advised of the need for close observation and communication with the prescriber. ATTEZE is approved for ADHD in paediatric and adult patients. ATTEZE is not approved for major depressive disorder.

2. QUALITATIVE AND QUANTITATIVE COMPOSITION Each hard capsule contains atomoxetine hydrochloride equivalent to 10 mg, 18 mg, 25 mg, 40 mg, 60 mg or 80 mg atomoxetine. Sugar free. For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

3. PHARMACEUTICAL FORM Hard capsules. ATTE2E 10 is presented as a white powder in a hard gelatin capsule of size no. 3, opaque white cap imprinted with '10' and opaque white body imprinted with 'mg'. ATTE2E 18 is presented as white powder in a hard gelatin capsule of size no. 3, opaque rich yellow cap imprinted with '8' and opaque white body imprinted with 'mg'. ATTE2E 25 is presented as white powder in a hard gelatin capsule of size no. 3, opaque rich yellow cap imprinted with '8' and opaque white body imprinted with 'mg'. ATTE2E 40 is presented as white powder in a hard gelatin capsule of size no. 3, opaque blue cap imprinted with '8' and opaque blue body imprinted with 'mg'. ATTE2E 40 is presented as white powder in a hard gelatin capsule of size no. 2, opaque blue cap imprinted with '80' and opaque ich yellow body imprinted with 'mg'. ATTE2E 80 is presented as white powder in a hard gelatin capsule of size no. 2, opaque blue cap imprinted with '80' and opaque ich yellow body imprinted with 'mg'.

4. CLINICAL PARTICULARS 4.1 Therapeutic indications ATTEZE is indicated for the treatment of attention-deficit/hyperactivity disorder (ADHD) in children 6 years of age or older, adolescents and adults.

4.2 Posology and method of administration

Posslogy Treatment must be initiated by or under the supervision of a medical practitioner with appropriate knowledge and experience of childhood and/or adolescent behavioural disorders (for example, paediatrician or child/adolescent psychiatrist) (see section 4.4).

The recommended initial dose and subsequent dosage escalations of ATTEZE should not be exceeded because of potential side effects (see section 4.8).

ATTEZE hard capsules are not intended to be opened. ATTEZE is an eye irritant. See section 6.6 and Method of administration for instructions on what to do if capsule content comes into contact and Method with the eye.

Dosing of children 6 years and older and adolescents up to 70 kg body mass ATTEZE should be initiated at a total daily dose of approximately 0,5 mg/kg. The initial dose should be maintained for a minimum of 7 days prior to upward dose titration according to clinical response and tolerability. The recommended maintenance dose is approximately 1,2 mg/kg/day (depending on the patient's weight and available dosage strengths of ATTEZE). No additional benefit has been demonstrated for doses higher than 1,2 mg/kg/day.

Dosing of children and adolescents over 70 kg body mass and adults ATTEZE should be initiated at a total daily dose of 40 mg. The initial dose should be maintained for a minimum of 7 days prior to upward dose titration according to clinical response and tolerability. The recommended maintenance dose is 80 mg daily. No additional benefit has been demonstrated for doses higher than 80 mg daily. The maximum recommended total daily dose for adults is 80 mg.

ATTEZE may be discontinued without tapering the dose.

Long-term use No fixed dose dose-response studies have been conducted in adults. The recommended daily dose of 80 mg reflects the optimal daily dose of 1,2 mg/kg/day demonstrated in children and adolescents. No controlled long-term studies have been conducted in adults.

Missing a dose If patients miss a dose, they should take it as soon as possible; however, they should not take more than the prescribed daily amount of ATTEZE in any 24-hour period.

Special populations Elderly population: The use of atomoxetine in patients over 65 years of age has not been systematically evaluated.

Paediatric population under six years of age: The safety and efficacy of atomoxetine in children under 6 years of age have not been established. Therefore, ATTEZE should not be used in children under 6 years of age (see section 4.4).

Hepatic and renal insufficiency For those ADHD patients who have hepatic insufficiency or end-stage renal disease, cautious titration of ATTEZE to the desired clinical response is recommended. ATTEZE clearance may be reduced in patients with hepatic insufficiency. For patients with moderate hepatic insufficiency (Child-Pugh Class B), initial and target doses should be reduced to 50 % of the usual dose. For patients with severe hepatic insufficiency (Child-Pugh Class C), initial dose and target doses should be reduced to 25 % of usual dose (see section 5.2).

ATTEZE may exacerbate hypertension in patients with end-stage renal disease (see section 4.8).

Method of administration

For oral use. ATTEZE hard capsules should not be opened (see section 6.6), but swallowed whole with water. It may be taken with or without food.

- 4.3 Contraindications Hypersensitivity to atomoxetine or to any of the excipients of ATTEZE. ATTEZE should not be used in patients with uncontrolled hypertension or impairment of
- ATTEZE should not be used in patients with uncontrolled hypertension or impairment or liver function. Monoamine oxidase inhibitors: ATTEZE should not be taken in combination with monoamine oxidase inhibitors (MAOI), including linezolid. ATTEZE should not be taken within a minimum of 2 weeks after discontinuing therapy with MAOI. Treatment with MAOI should not be initiated within 2 weeks after discontinuing ATTEZE. Severe cardiovascular disorders: ATTEZE should not be used in patients with severe cardiovascular disorders whose condition would be expected to deteriorate if they experienced increases in blood pressure or not heart rate that could be clinically important (for example 15 to 20 mmHg in blood pressure or 20 beats per minute in heart rate) (see section 4.4 *Cardiovascular effects*). Phaeochromocytoma: ATTEZE should not be used in patients with phaeochromocytoma or a history of phaeochromocytoma (see section 4.4 *Cardiovascular effects*). Narrow angle glaucoma. The use of atomoxetine was associated with an increased incidence of mydriasis, therefore the use of ATTEZE is not recommended in patients with narrow angle ducoma.
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4.4 Special warnings and precautions for use Treatment must only be initiated by or under the supervision of a medical practitioner with appropriate knowledge and experience of childhood and adolescent behaviour disorders (e.g. a paediatrician or child/adolescent psychiatrist).

Suicide-related behaviour, hostility Suicide-related behaviour, hostility and anger) and emotional lability were more frequently observed among patients treated with atomoxetine (as in ATTE2E), compared to those treated with placebo but the differences were not statistically significant. Patients beginning treatment for ADHD should be carefully monitored for the appearance or worsening of suicide-related behaviour, hostility and emotional lability. The possibility of serious psychiatric adverse effects cannot be excluded. There is evidence that the risk of psychiatric adverse events is increased in children with a personal history of mood disorders, or who have a family history of mood disorders.

Sudden death and pre-existing cardiac abnormalities Sudden death has been reported in patients with structural cardiac abnormalities who were taking atomoxetine at usual doses. Although some serious structural cardiac abnormalities alone carry an increased risk of sudden death, ATTEZE should only be used with caution in patients with known serious structural cardiac abnormalities, and in consultation with a cardiac specialist.

Cardiovascular effects ATTEZE can significantly increase the heart rate and blood pressure. Most patients experience a modest increase in heart rate (mean < 10 bpm) and/or increase in blood pressure (mean < 5 mm Hg)

modest increase in hearf rate (mean < 10 ppm) and/or increase in brown pressure virtual set (see section 4.8). However, combined data from controlled and uncontrolled ADHD clinical trials show that approximately 8-12 % of children and adolescents, and 6-10 % of adults experience more pronounced changes in heart rate (20 beats per minute or greater) and blood pressure (15-20 mmHg or greater). Analysis of these clinical trial data showed that approximately 15-26 % of children and adolescents, and 27-32 % of adults experiencing such changes in blood pressure and heart rate during treatment with atomoxitine had sustained or progressive increases. Long-term sustained changes in blood pressure may potentially contribute to clinical consequences such as myocardial hypertrophy.

Tabulated list of adverse reactions - child and adolescent patients:		
System Organ Class/ Frequency	Adverse reaction	
Infections and infestations Frequent:	Sinusitis	
Immune system disorders Less frequent:	Hypersensitivity reactions, anaphylactic reactions, angioedema	
Metabolism and nutrition disorder Frequent:	r s Decreased appetite, anorexia	
Psychiatric disorders Frequent:	Irritability, mood swings, insomnia, agitation, anxiety, depression and depressed mood, tics (see section 4.4) Suicide-related events, anger, aggression, hostility, emotional lability, psychosis (including hallucinations) (see section 4.4)	
Less frequent:		
Frequency unknown:	Suicidal ideation	
Nervous system disorders Frequent: Less frequent:	Headache, somnolence, sedation, dizziness Syncope, tremor, migraine, paraesthesia, hypoaesthesia, seizure (see section 4.4 and 4.5)	
Eye disorders Frequent: Less frequent:	Mydriasis Vision blurred, conjunctivitis	
Cardiac disorders Less frequent:	Palpitations, sinus tachycardia, QT-interval prolongation (see section 4.4 and 4.5)	
Vascular disorders Less frequent: Frequency unknown:	Raynaud's phenomenon Peripheral vascular instability	
Respiratory, thoracic and mediastinal disorders Less frequent: Dyspncea (see section 4.4)		
Gastrointestinal disorders Frequent:	Abdominal pain, stomach discomfort, abdominal discomfort, epigastric discomfort, vomiting, nausea, constipation, dyspepsia	
Hepatobiliary disorders Less frequent:	Increased blood bilirubin, abnormal/increased liver function tests, jaundice, hepatitis, liver injury, acute hepatic failure (see section 4.4)	
Skin and subcutaneous tissue dis Frequent: Less frequent:	orders Dermatitis, pruritus, rash Hyperhidrosis, allergic reactions	
Renal and urinary disorders Less frequent:	Urinary hesitation, urinary retention	
Reproductive system and breast of Less frequent:	disorders Priapism, male genital pain	
General disorders and administrat Frequent: Less frequent:	tive site conditions Fatigue, lethargy, chest pain (see section 4.4) Asthenia	
Investigations Frequent:	Increased blood pressure, increased heart rate, decreased weight	

CYP2D6 poor metabolisers The following adverse events occurred in at least 2 % of child and adolescent CYP2D6 poor metaboliser [PM] patients: and were statistically significantly more frequent in PM patients compared with CYP2D6 extensive metaboliser [EM] patients: weight decreased, constipation, insomnia, depression, remore, middle insomnia, syncope, conjunctivitis, early morning awakening, mydrasis, sedation. The following event did not meet the above criteria but is noteworthy: generalised anxiety disorder. In addition, in trials lasting up to 10 weeks, weight loss was more pronounced in PM patients.

Investigations Frequent:

4 9 Overdose

Management of overdose

Special populations

6. PHARMACEUTICAL PARTICULARS 6.1 List of excipients Capsules content Pregelatinized maize starch (Starch 1500) Silica, colloidal anhydrous Dimeticone (350) Capsule shell

ATTEZE 10 mg hard capsules

ATTEZE 25 mg hard capsules Gelatin Sodium lauryl sulphate (E487) Titanium dioxide (E171) Indigo carmine (E132)

ATTEZE 40 mg hard capsules Gelatin Sodium lauryl sulphate (E487) Titanium dioxide (E171) Indigo carmine (E132)

ATTEZE 60 mg hard capsules Gelatin Sodium lauryl sulphate (E487) Titanium dioxide (E171) Indigo carmine (E132) Iron oxide yellow (E172)

ATTEZE 80 mg hard capsules

6.2 Incompatibilities Not applicable.

6.3 Shelf life 36 months

Al TE2E of mg hard capsules Gelatin Sodium lawyl sulphate (E487) Titanium dioxide [E171) Iron oxide yellow (E172) Iron oxide yellow (E172) Printing ink (black) Shellac Glaze-45 % (20 % esterified) in ethanol Iron oxide black (E172) Propylene glycol

Adults: Adults: Summary of the safety profile Summary and the safety profile adverse events during treatment with atomoxetine: gastrointestinal, nervous system and psychiatric disorders. The most frequent adverse events reported were decreased appetite, insomnia, headache. dy mouth and nausea. The majority of these events were mained in severity and the events most frequently reported as severe were nausea, insomnia, fatigue and headache. A complaint of uninary retention or uninary hesitancy in adults should be considered potentially related to atomoxetine. The following table of underlabel fetchs is based on adverse event reporting and laboratory in the base of the post-marketing spontaneous reports in adults:

Tabulated list of adverse reactions - adult patients:		
System Organ Class/ Frequency	Adverse reaction	
Infections and infestations Frequent:	Sinusitis	
Immune system disorders Less frequent:	Allergic reactions, anaphylactic reactions, angioedema	
Metabolism and nutrition disorder Frequent:	s Decreased appetite	
Psychiatric disorders Frequent:	Insomnia, agitation, libido decreased, sleep disorders,	
Less frequent:	depression and depressed mood, anxiety (see section 4.4) Suicide-related events, suicidal ideation, aggression, anger, hostility, emotional lability, restessness, psychosis (including hallucinations) (see section 4.4)	
Nervous system disorders Frequent:	Headache, dizziness, dysgeusia, paraesthesia, sedation, tremor	
Less frequent:	Syncope, migraine, hypoaesthesia, seizures (see section 4.4 and 4.5)	
Eye disorders Less frequent:	Vision blurred	
Cardiac disorders Frequent: Less frequent:	Palpitations, tachycardia QT-interval prolongation, stroke, myocardial infarction, sudden death (see section 4.4 and 4.5)	
Vascular disorders Frequent: Less frequent: Frequency unknown:	Flushing, hot flushes Raynaud's phenomenon, peripheral coldness Peripheral vascular instability	
Respiratory, thoracic and mediastinal disorders Less frequent: Dyspnoea (see section 4.4), rhinorrhoea		
Gastrointestinal disorders Frequent:	Dry mouth, nausea, abdominal pain, abdominal discomfort, epigastric discomfort, vomiting, constipation, dyspepsia, flatulence	
Hepatobiliary disorders Less frequent:	Increased blood bilirubin, abnormal/increased liver function tests, jaundice, hepatitis, liver injury, acute hepatic failure (see section 4.4)	
Skin and subcutaneous tissue disc Frequent: Less frequent:	orders Dermatitis, hyperhidrosis, rash Allergic reactions and angioneurotic oedema, urticaria, pruritus	
Musculoskeletal and connective tissue disorders Less frequent: Muscle spasms		
Renal and urinary disorders Frequent: Less frequent:	Dysuria, pollakiuria, urinary hesitation, urinary retention Micturition urgency	
Reproductive system and breast of Frequent:	Dysmenorrhoea, ejaculation disorders, erectile dysfunction,	
Less frequent:	prostatitis, male genital pain Priapism, ejaculation failure, irregular menstruation, abnormal orgasm	
Our well discussion and a desiration of the sensitivity of		

General disorders and administrative site conditions Frequent: Asthenia, fatigue, lethargy, chills, feeling jittery, irritability, thirst Feeling cold, chest pain (see

CYP2D6 poor metabolisers (PM) The following adverse events occurred in at least 2 % of adult CYP2D6 poor metaboliser (PM) patients and were statistically significantly more frequent in PM patients compared to CYP2D6 extensive metaboliser (EM) patients: vision blurred; dry mouth; constipation; feeling jittery; decreased appetire; tremor; insomnia; sleep diorder; middle insomnia; terminal insomnia; urinnal insomnia; urinnal insomnia; urinnal insomnia; urinnal insomnia; urinnal insomnia; terminal insomnia; urinnal insomnia; terminal insomnia; urinnal insomnia; ur

Reporting of suspected adverse reactions Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring of the benefit/risk balance of the medicine. Healthcare providers are asked to report any suspected adverse reactions to SAHPRA via the ***6.04** Adverse Drug Reactions **Reporting Form**^{*}, found online under SAHPRA's publications: https://www.sahpra.org.za/Publications/Index/8.

4.9 Overdose Signs and symptoms There have been post-marketing reports of non-fatal acute and chronic overdoses of atomoxetine (as in ATTEZE) alone. The most commonly reported symptoms accompanying acute and chronic overdoses were gastrointestinal symptoms, somnolence, dizziness, tremor, and ahormal behaviour. Hyperactivity and agitation have also been reported. Signs and symptoms consistent with mild to moderate sympathetic nervous system activation (e.g. tachycardia, increased blood pressure, mydriasis, dry mouth) were also observed. In some cases of overdose involving atomoxetine, seizures and less frequently QT prolongation have been reported (see section 5.1). There have also been reports of fatal, acute overdoses involving a mixed ingestion of atomoxetine and at least one other medicine.

wanagement or overcose An airway should be established. Monitoring of cardiac and vital signs is recommended, along with appropriate symptomatic and supportive measures. The patient should be observed for a minimum of 6 hours. Activated charcoal may be useful in limiting absorption if the patient presents within one hour of ingestion. Because ATTEZE is highly protein-bound, dialysis is not likely to be useful in the treatment of overdose.

5. PHARMACOLOGICAL PROPERTIES 5.1 Pharmacodynamic properties A 1.2 Psychoanaleptics Pharmacotherapeutic group: Psychoanaleptics, centrally acting sympathomimetics, ATC code: No6BA09

Mechanism of action Atomoxetine is a selective inhibitor of the pre-synaptic norepinephrine (noradrenaline) transporter, without directly affecting the serotonin or dopamine transporters. Atomoxetine has minimal affinity for other noradrenergic receptors, or for other neurotransmitter transporters or receptors.

5.2 Pharmacokinetic properties The pharmacokinetics of atomoxetine in children and adolescents are similar to those in adults. The pharmacokinetics of atomoxetine have not been evaluated in children under six years of age.

Absorption Atomoxetine is well absorbed after oral administration. The mean maximal observed plasma concentration $(C_{\rm max})$ is reached within 1 to 2 hours after dosing. Atomoxetine can be taken with or without food.

Distribution Atomoxetine is widely distributed and is extensively bound to plasma proteins, primarily albumin.

Biotransformation Atomoxetine is mainly metabolised through the cytochrome P450 2D6 (CYP2D6) enzymatic pathway. Individuals with reduced activity of this pathway (poor metabolisers) represent about 7 % of the Caucasian population and have higher plasma concentrations of atomoxetine compared with people with normal activity (extensive metabolisers). For poor metabolisers, AUC of atomoxetine is approximately 10-fold greater and C_{mm} is about 5-fold greater than extensive metabolisers. The major oxidative metabolite formed is 4-hydroxyatomoxetine, that is glucuronidated 4-Hydroxyatomoxetine is equipotent to atomoxetine but circulates in plasma at much lower concentrations. Although 4-hydroxyatomoxetine can be formed by CYP2D6 in individuals that lack CYP2D6 activity, 4-hydroxyatomoxetine does not inhibit or induce the CYP2D6 pathway.

Other Cytochrome P450 Enzymes: Atomoxetine did not cause clinically significant inhibition or induction of other cytochrome P450 enzymes, including CYP1A2, CYP3A, and CYP2C9.

Elimination The mean elimination half-life of atomoxetine after oral administration is 3,6 hours in extensive metabolisers and 21 hours in poor metabolisers. Atomoxetine is excreted mainly in the urine, primarily as 4-hydroxyatomoxetine-O-glucuronide.

-Linearity/non-linearity Pharmacokinetics of atomoxetine is linear over the range of doses studied in both extensive and poor metabolisers.

Hepatic'impairment results in a reduced atomoxetine clearance, increased atomoxetine exposure (AUC can increase 2-fold in moderate impairment and 4-fold in severe impairment) and a prolonged half-life of the parent substance. In patients with moderate to severe hepatic impairment (Child Pugh Class B and C) initial and target doses should be adjusted (see section 4.2).

Renal impairment Atomoxétine mean plasma concentrations for end-stage renal disease patients are generally higher than the mean for healthy persons. After adjustment for body weight, the differences between the two groups may be minimised and dose adjustment may not be required. See section 4.2.

Increased blood pressure, increased heart rate, decreased weight

As a result of these findings, patients who are being considered for treatment with ATTEZE should have a careful history and physical exam to assess for the presence of cardiac disease and should receive further specialist cardiac evaluation if initial findings suggest such history or disease. It is recommended that heart rate and blood pressure be measured and recorded before treatment is started and, during treatment, after each adjustment of dose and then at least every 6 months to detect possible clinically important increases. For paediatric patients the use of a centile chart is recommended. For adults, current reference guidelines for hypertension should be followed.

ATTEZE should not be used in patients with severe cardiovascular or cerebrovascular disorders (see section 4.3). Severe cardiovascular disorders may include severe hypertension, heart railure, arterial occlusive disease, angina, haemodynamically significant congenital heart disease, cardiomyopathies, myocardial infarction, potentially life-threatening dysrhythmias and channelopathies (disorders caused by the dysfunction of ion channels). Severe cerebrovascular disorders may include cerebral aneurysm or stroke.

ATTEZE should be used with caution in patients whose underlying medical conditions could be worsened by increases in blood pressure and heart rate, such as patients with hypertension, tachycardia, or cardiovascular or cerebrovascular disease. Patients who develop symptoms such as patipations, exertional chest pain, unexplained syncope, dyspnoea or other symptoms suggestive of cardiac disease during treatment with ATTEZE should undergo a prompt specialist cardiac evaluation.

ATTEZE should also be used with caution in patients with congenital or acquired long QT or a family history of QT prolongation (see sections 4.5 and 4.8). As orthostatic hypotension has also been reported, ATTEZE should be used with caution in any condition that may predispose patients to hypotension or conditions associated with abrupt heart rate or blood pressure changes.

Cerebrovascular effects Patients with additional risk factors for cerebrovascular conditions (such as a history of cardiovascular disease, concomitant medications that elevate blood pressure) should be assessed at every visit for neurological signs and symptoms after initiating treatment with ATTEZE.

Hepatic effects Spontaneous reports of liver injury, manifested by elevated hepatic enzymes and bilirubin with jaundice, have been reported, in some cases associated with severe liver injury, including acute liver failure, have also been reported. ATTE2E should be discontinued in patients with jaundice or laboratory evidence of liver injury and it should not be restarted.

Psychotic or manic symptoms Treatment-emergent psychotic or manic symptoms, e.g., hallucinations, delusional thinking, mania or agitation in patients without a prior history of psychotic illness or mania can be caused by ATTEZE at usual doses. If such symptoms occur, consideration should be given to a possible causal role of ATTEZE, and discontinuation of treatment should be considered. The possibility that ATTEZE will cause the exacerbation of pre-existing psychotic or manic symptoms cannot be excluded.

Aggressive behaviour, hostility or emotional lability Hostility (predominantly aggression, oppositional behaviour and anger) was more frequently observed in clinical trials among children, adolescents and adults treated with atomoxetine (contained in ATTEZE) compared to those treated with placebo. Emotional lability was more frequently observed in clinical trials among children treated with atomoxetine compared to those treated with placebo. Patients should be closely monitored for the appearance or worsening of aggressive behaviour, hostility or emotional lability.

Possible allergic events Allergic reactions, including anaphylactic reactions, rash, angioedema and urticaria have been reported in patients taking atomoxetine (as in ATTEZE) (see section 4.8).

Selzures are a potential risk with atomoxetine. ATTEZE should be introduced with caution in patients with a history of selzure. Discontation of ATTEZE should be considered in any patient developing a selzure or if there is an increase in selzure frequency where no other cause is identified.

Growth and development Weight gain and longitudinal growth should be monitored during treatment with ATTEZE. Reportedly, paediatric patients freated with atomoxetine in ADHD clinical trials had a mean initial decrease in weight and height gain. Subsequently, over the long-term period, patients recovered to the mean weight and height predicted by group baseline data.

The amount of available long-term data is limited. Therefore, patients requiring long-term therapy should be carefully monitored.

Effects on micturition In adult ADHD context trains, the rates of urinary retention and urinary hesitation were increased among the patients given atomoxetine, compared with patients on placebo. A complaint of urinary retention or urinary hesitancy should be considered potentially related to ATTEZE.

Raynaud's phenomenon ATTEZE should not be used in patients with Raynaud's phenomenon.

New-onset or worsening of co-morbid depression, anxiety and tics ATTEZE has been used in patients with ADHD without deterioration of conditions of motor tics, Tourette syndrome (children), co-morbid major depressive disorder (adolescents) and anxiety disorders (adults and children).

There have less frequently been reports of anxiety, depression or depressed mood and tics (see section 4.8). Patients who are being treated for ADHD with ATTEZE should be monitored for the appearance or worsening of anxiety symptoms, depressed mood and depression or tics.

Special populations Paediatric population under six years of age ATTEZE should not be used in patients less than six years of age as efficacy and safety have not been established in this age group.

Elderly patients (65 years and older) The safety and efficacy of ATTEZE in elderly persons have not been established.

4.5 Interaction with other medicines and other forms of interaction Effects of other medicines on ATTEZE MAOIs Concomitant use of ATTEZE and MAOIs is contraindicated (see section 4.3).

CYP2D6 inhibitors (SSRIs (e.g., fluoxetine, paroxetine), quinicine, terbinafine) In patients receiving these medicines, atomoxetine exposure may be 6-to 8-fold increased and Csama 3 to 4 times higher, because it is metabolised by the CYP2D6 pathway. Slower titration and final lower dosage of ATTEZE may be necessary in patients who are already taking CYP2D6 inhibitors. If a CYP2D6 inhibitor is prescribed or discontinued after titration to the appropriate ATTEZE dose has occurred, the clinical response and tolerability should be re-evaluated for that patient, to determine if dose adjustment is needed.

Caution is advised when combining ATTEZE with potent inhibitors of cytochrome P450 enzymes other than CYP2DB in patients who are poor CYP2D6 metabolisers, as the risk of clinically relevant increases in atomoxetine exposure *in vivo* is unknown.

Attention should be paid to monitoring heart rate and blood pressure, and dose adjustments may be justified for either ATTEZE or salbutamol (or other beta2-agonists) in the event of significant increases in heart rate and blood pressure during co-administration of these medicines.

Medicines that may increase prolonged QT-interval There is a potential for an increased risk of QT-interval prolongation when ATTEZE is administered with other QT prolonging medicines (such as neuroloptics, class IA and III anti-dysrhythmic medicines, moxifloxacin, erythromycin, methadone, metloquine, tricyclic antidepressants, lithium, or cisapride), medicines that cause electrolyte imbalance (such as thiazide diuretics), and medicines that inhibit CYP2D6.

Medicines that may lower the seizure threshold Seizures are a potential risk with ATTEZE. Caution is advised with concomitant use of medicines which are known to lower the seizure threshold (such as tricyclic antidepressants, selective serotonin reuptake inhibitors (SSRIs), neuroleptics, phenothiazines, butyrophenone, mefloquine, chloroquine, butyropion or tramadol - see section 4.4). Caution is also advised when stopping concomitant treatment with benzodiazepines, due to potential withdrawal seizures.

Anti-hypertensive medicines ATTEZE should be used cautiously with anti-hypertensive medicines. Because of a possible increase in blood pressure, ATTEZE may decrease the effectiveness of anti-hypertensive medicines. Attention should be paid to monitoring of blood pressure and review of treatment of ATTEZE or anti-hypertensive medicines may be justified in the case of significant changes of blood pressure

Pressor substances or madicines that increase blood pressure Because of possible increase in effects on blood pressure, ATTEZE should be used cautiously with pressor substances or medicines that may increase blood pressure. Blood pressure should be monitored. A review of treatment for either ATTEZE or pressor substances may be justified in the case of significant change in blood pressure.

Medicines that affect norepinephrine (noradrenaline) Medicines that affect norepinephrine should be used cautiously when co-administered with ATEZE because of the potential for additive or synergistic pharmacological effects. Examples include antidepressants, such as impramine, venlataxine, and mirtazapine, or the decongestants pseudoephedinine or phenylephrine.

Methylphenidate Co-administration of methylphenidate with ATTEZE did not increase cardiovascular effects beyond those seen with methylphenidate administration alone. Medicinal products that affect gastric pH Medicines that elevate gastric pH (magnesium hydroxide/aluminium hydroxide, omeprazole) have no effect on atomoxetine bioavailability.

Salbutamol (or other beta-adrenergic receptor agonists) ATTEZ should be administered with caution to patients treated with high dose inhaled, nebulised or systemically administered salbutamol (or other beta2-agonists) because the action of salbutamol on the cardiovascular effects can be potentiated.

Gelatin Sodium lauryl sulphate (E487) Titanium dioxide (E171) ATTEZE 18 mg hard capsules Gelatin Sodium lauryl sulphate (E487) Titanium dioxide (E171) Iron oxide yellow (E172)

In vitro medicine-displacement studies with atomoxetine and other highly-bound medicines at therapeutic concentrations showed that warfarin, acetylsalicylic acid, phenytoin, or diazepam do not affect the binding of atomoxetine to human albumin. Similarly, atomoxetine does not affect the binding of these compounds to human albumin.

Midazolam Co-administration of 60 mg atomoxetine twice daily for 12 days with midazolam, a model compound for CYP3A4 metabolised medicines (single dose of 5 mg), resulted in 15 % increase in AUC of midazolam. No dose adjustment is recommended for medicines metabolised by CYP3A.

4.6 Fertility, pregnancy and lactation

Medicines highly bound to plasma protein

Pregnancy, program of the second pregnancies are limited for atomoxetine. Such data are insufficient to indicate either an association or a lack of association between atomoxetine and adverse pregnancy outcomes. ATTEZE should not be used during pregnancy.

Atomoxetine and/or its metabolites are excreted in the milk of rats. It is not known if atomoxetine is excreted in human milk. Because of the lack of data, ATTEZE should be avoided during breastfeeding.

Fertility There is no data on the effect of ATTEZE on fertility available.

4.7 Effects on ability to drive and use machines ATTEZE may cause fatigue, somnolence and dizziness. Patients should be advised to use caution when driving a car or operating hazardous machinery until they are reasonably certain that their performance is not affected by ATTEZE.

4.8 Undesirable effects Paediatric population: Summary of the safety profile In paediatric rials, headache, abdominal pain and decreased appetite are the adverse events most commonly associated with atomoxetime but seldom lead to discontinuation of the medicine. Abdominal pain and decreased appetite are usually transient. Associated with decreased appetite are usually transient. Associated with decreased appetite are usually transient. Masses and the safety of the safety

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HOLDER OF REGISTRATION CERTIFICATES

8. REGISTRATION NUMBER (S) ATTEZE 10: 51/1 2/10/4

ATTEZE 10: 51/1.2/1045 ATTEZE 18: 51/1.2/1045 ATTEZE 25: 51/1.2/1046 ATTEZE 40: 51/1.2/1047 ATTEZE 60: 51/1.2/1048 ATTEZE 80: 51/1.2/1049

9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION 09 February 2021

6.4 Special precautions for storage Store at or below 25 °C, in the original packaging. Keep blisters in the carton until required for use.

6.5 Nature and contents of container A cardboard box containing transparent PVC/PE/PCTFE-aluminium foil blisters or PA/AL/PVC-aluminium foil blisters. Packs of 7, 14, 28 or 30 hard capsules. Not all pack sizes are necessarily marketed at any one time.

6.6 Special precautions for disposal and other handling The capsules are not intended to be opened. Atomoxetine is an ocular irritant. In the event of the capsules content coming in contact with the eye, the affected eye should be flushed immediately with water, and medical advice obtained. Hands and any potentially contaminated surfaces should be washed as soon as possible.

10. DATE OF REVISION OF THE TEXT

