



ATORVASTATIN

AVASTM

10 mg Film-Coated Tablet 20 mg Film-Coated Tablet 40 mg Film-Coated Tablet **ANTIHYPERLIPIDAEMIC**

PRODUCT DESCRIPTION:

Atorvastatin Tablets 10 mg - Brownish orange coloured, circular, biconvex, film coated tablets with plain on both surfaces

Atorvastatin Tablets 20 mg - Brownish orange coloured, circular, biconvex, film coated tablets with a breakline on one surface

 $A torvastatin \, Tablets \, 40 \, mg - White, circular, biconvex, film \, coated \, tablets \, with \, a \, breakline \, on \, one \, surface \, and \, breakline \, on \, one \, surface \, and \, breakline \, on \, one \, surface \, and \, breakline \, on \, one \, surface \, and \, breakline \, on \, one \, surface \, and \, breakline \, on \, one \, surface \, and \, breakline \, one \, one \, surfac$ plain on other

FORMULATION/COMPOSITION:

Each film coated tablet contains Atorvastatin (as calcium)..... ...10/20/40 ma

PHARMACODYNAMICS/PHARMACOKINETICS:

Atorvastatin is a selective, competitive inhibitor of HMG-CoA reductase, the rate-limiting enzyme responsible for the conversion of 3-hydroxy-3-methyl-glutaryl-coenzyme A to mevalonate, a precursor of sterols, including cholesterol. Triglycerides and cholesterol in the liver are incorporated into very low-density lipoproteins (VLDL) and released into the plasma for delivery to peripheral tissues. Low-density lipoprotein (LDL) is formed from VLDL and is catabolized primarily through the receptor with high affinity to LDL (LDL

Atorvastatin lowers plasma cholesterol and lipoprotein serum concentrations by inhibiting HMG-CoA $reductase \ and \ subsequently \ cholesterol \ biosynthesis \ in \ the \ liver \ and \ increases \ the \ number \ of \ hepatic \ LDL \ receptors \ on \ the \ cell \ surface \ for \ enhanced \ uptake \ and \ catabolism \ of \ LDL.$

Atorvastatin reduces LDL production and the number of LDL particles. Atorvastatin produces a profound and sustained increase in LDL receptor activity coupled with a beneficial change in the quality of circulating LDL particles. Atorvastatin is effective in reducing LDL-C in patients with homozygous familial hypercholesterolemia, a population that has not usually responded to lipid-lowering medicinal products.

Absorption: Atorvastatin is rapidly absorbed after oral administration; maximum plasma concentrations (C_{mn}) occur within 1 to 2 hours. Extent of absorption increases in proportion to atorvastatin dose. After oral dministration, atorvastatin film-coated tablets are 95% to 99% bioavailable compared to the oral solution. The absolute bioavailability of atorvastatin is approximately 12% and the systemic availability of HMG-CoA reductase inhibitory activity is approximately 30%. The low systemic availability is attributed to presystemic clearance in gastrointestinal mucosa and/or hepatic first-pass metabolism

Distribution: Mean volume of distribution of atorvastatin is approximately 381 l. Atorvastatin is ≥ 98% bound to plasma proteins.

Biotransformation: Atorvastatin is metabolized by cytochrome P450 3A4 to ortho- and parahydroxylated derivatives and various beta-oxidation products. Apart from other pathways these products are further $metabolized \ via \ glucuronidation. \ In \ vitro, inhibition of \ HMG-CoA \ reductase \ by \ or tho- \ and \ parahydroxylated \ metabolites is equivalent to that of a torva statin. Approximately 70% of circulating inhibitory activity for HMG-coal \ reductase \ by \ or tho- \ and \ parahydroxylated \ metabolites is equivalent to that of a torva statin. Approximately 70% of circulating inhibitory activity for HMG-coal \ reductase \ by \ or tho- \ and \ parahydroxylated \ metabolites is equivalent to that of a torva statin. Approximately 70% of circulating inhibitory activity for HMG-coal \ reductase \ by \ or tho- \ and \ parahydroxylated \ reductase \ by \ or tho- \ and \ parahydroxylated \ reductase \ by \ or tho- \ and \ parahydroxylated \ reductase \ by \ or \ reductase \ by \ or \ reductase \$ CoA reductase is attributed to active metabolites.

Elimination: Atorvastatin is eliminated primarily in bile following hepatic and/or extra hepatic metabolism.

However, atorvastatin does not appear to undergo significant enterohepatic recirculation. Mean plasma elimination half-life of atorvastatin in humans is approximately 14 hours. The half-life of inhibitory activity for HMG-CoA reductase is approximately 20 to 30 hours due to the contribution of active metabolites

Atorvastatin is used to reduce LDL-cholesterol, apolipoprotein B, and triglycerides, and to increase HDLcholesterol in the treatment of hyperlipidaemias, including hypercholesterolaemias and combined (mixed) hyperlipidaemia (type IIa or IIb hyperlipidaemias), hypertriglyceridaemias (type IV), and dysbetalipoproteinaemias (type III); can also be effective as adjunctive therapy in patients with homozygous familial hypercholesterolemia who have some LDL-receptor function.

DOSAGE AND MODEL ROUTE OF ADMINISTRATION:

Posology
The patient should be placed on a standard cholesterol-lowering diet before receiving Atorvastatin and should continue on this diet during treatment with Atorvastatin.

The dose should be individualized according to baseline LDL-C levels, the goal of therapy, and patient

The usual starting dose is 10 mg once a day. Adjustment of dose should be made at intervals of 4 weeks or

more. The maximum dose is 80 mg once a day.

Primary hypercholesterolemia and combined (mixed) hyperlipidemia

The majority of patients are controlled with Atorvastatin 10 mg once a day. A therapeutic response is evident within 2 weeks, and the maximum therapeutic response is usually achieved within 4 weeks. The response is maintained during chronic therapy. Heterozygous familial hypercholesterolemia

Patients should be started with Atorvastatin 10 mg daily. Doses should be individualized and adjusted every 4 weeks to 40 mg daily. Thereafter, either the dose may be increased to a maximum of 80 mg daily or a bile acid sequestrants may be combined with 40 mg atorvastatin once daily. Homozygous familial hypercholesterolemia

Only limited data are available.

The dose of atorvastatin in patients with homozygous familial hypercholesterolemia is 10 to 80 mg daily. Atorvastatin should be used as an adjunct to other lipid-lowering treatments (e.g. LDL apheresis) in these patients or if such treatments are unavailable.

Prevention of cardiovascular disease

In the primary prevention trials the dose was 10 mg/day. Higher doses may be necessary in order to attain (LDL-) cholesterol levels according to current guidelines Patients with renal impairment

No adjustment of dose is required. Patients with hepatic impairment

A torva statin should be used with caution in patients with hepatic impairment. A torva statin is contraindicated in patients with active liver disease.

Use in the elderly

Efficacy and safety in patients older than 70 using recommended doses are similar to those seen in the general population.
Paediatric use

Hypercholesterolemia

Paediatric use should only be carried out by physicians experienced in the treatment of paediatric

hyperlipidemia and patients should be re-evaluated on a regular basis to assess progress. For patients aged 10 years and above, the recommended starting dose of atorvastatin is 10 mg per day with titration up to 20 mg per day. Titration should be conducted according to the individual response and tolerability in paediatric patients. Safety information for paediatric patients treated with doses above 20 mg,

corresponding to about 0.5 mg/kg, is limited.
There is limited experience in children between 6-10 years of age. Atorvastatin is not indicated in the treatment of patients below the age of 10 years.

Other pharmaceutical forms/strengths may be more appropriate for this population.

Method of administration: Atorvastatin is for oral administration. Each daily dose of atorvastatin is given all at once and may be given at any time of day with or without food.

CONTRAINDICATIONS & PRECAUTION(S), WARNING(S)

- Atorvastatin is contraindicated in patients:

 with hypersensitivity to the active substance or to any of the excipients
- with active liver disease or unexplained persistent elevations of serum transaminases exceeding 3 times the upper limit of normal
- $\frac{\cdot \cdot \cdot}{\text{during pregnancy, while breast-feeding and in women of child-bearing potential not using appropriate}$ contraceptive measure

PRECAUTIONS & WARNINGS:

Liver function tests should be performed before the initiation of treatment and periodically thereafter. Patients who develop any signs or symptoms suggestive of liver injury should have liver function tests performed. Patients who develop increased transaminase levels should be monitored until the abnormality(ies) resolve. Should an increase in transaminases of greater than 3 times the upper limit of normal (ULN) persist, reduction of dose or withdrawal of Atorvastatin is recommended.

Atorvastatin should be used with caution in patients who consume substantial quantities of alcohol and/or have a history of liver disease.

 $Stroke\ Prevention\ by\ Aggressive\ Reduction\ in\ Cholesterol\ Levels\ (SPARCL)$

In a post-hoc analysis of stroke subtypes in patients without coronary heart disease (CHD) who had a recent stroke or transient ischemic attack (TIA) there was a higher incidence of hemorrhagic stroke in patients initiated on atorvastatin 80 mg compared to placebo. The increased risk was particularly noted in patients with prior hemorrhagic stroke or lacunar infarct at study entry. For patients with prior hemorrhagic stroke or lacunar infarct, the balance of risks and benefits of atorvastatin 80 mg is uncertain, and the potential risk of hemorrhagic stroke should be carefully considered before initiating treatment.

Skeletal muscle effects Atorvastatin, like other HMG-CoA reductase inhibitors, may in rare occasions affect the skeletal muscle and cause myalgia, myositis, and myopathy that may progress to rhabdomyolysis, a potentially life-threatening condition characterized by markedly elevated creatine kinase (CK) levels (> 10 times ULN), myoglobinaemia and myoglobinuria which may lead to renal failure.

Before the treatment Atorvastatin should be prescribed with caution in patients with pre-disposing factors for rhabdomyolysis. A CK level should be measured before starting statin treatment in the following situations

- Renal impairment
- Hypothyroidism Personal or familial history of hereditary muscular disorders
- Previous history of muscular toxicity with a statin or fibrate
 Previous history of liver disease and/or where substantial quantities of alcohol are consumed
- In elderly (age > 70 years), the necessity of such measurement should be considered, according to the presence of other predisposing factors for rhabdomyolysis

Situations where an increase in plasma levels may occur, such as interactions and special populations including genetic subpopulations

In such situations, the risk of treatment should be considered in relation to possible benefit, and clinical monitoring is recommended.

If CK levels are significantly elevated (> 5 times ULN) at baseline, treatment should not be started

Creatine kinase measurement

 $Creatine\ kinase\ (CK)\ should not be\ measured\ following\ strenuous\ exercise\ or\ in\ the\ presence\ of\ any\ plausible\ alternative\ cause\ of\ CK\ increase\ as\ this\ makes\ value\ interpretation\ difficult.\ If\ CK\ levels\ are\ significantly\ described by\ the constraints of\ the\ constraints of\ the$ elevated at baseline (> 5 times ULN), levels should be premeasured within 5 to 7 days later to confirm the

Whilst on treatment

- Patients must be asked to promptly report muscle pain, cramps, or weakness especially if accompanied by malaise or fever
- If such symptoms occur whilst a patient is receiving treatment with atorvastatin, their CK levels should be measured. If these levels are found to be significantly elevated (> 5 times ULN), treatment should be stopped.
- If muscular symptoms are severe and cause daily discomfort, even if the CK levels are elevated to \leq 5 x ULN, treatment discontinuation should be considered.
- If symptoms resolve and CK levels return to normal, then re-introduction of atorvastatin or introduction of an alternative statin may be considered at the lowest dose and with close monitoring.
- Atorvastatin must be discontinued if clinically significant elevation of CK levels (> 10 x ULN) occur, or if rhabdomyolysis is diagnosed or suspected.

Concomitant treatment with other medicinal products
Risk of rhabdomyolysis is increased when atorvastatin is administered concomitantly with certain medicinal products that may increase the plasma concentration of atorvastatin such as potent inhibitors of CYP3A4 or transport proteins (e.g. cyclosporine, telithromycin, clarithromycin, delavirdine, stiripentol, ketoconazole, voriconazole, itraconazole, posaconazole and HIV protease inhibitors including ritonavir, lopinavir, Atazanavir, indinavir, darunavir, etc). The risk of myopathy may also be increased with the concomitant use of gemfibrozil and other fibric acid derivates, boceprevir, erythromycin, niacin, Ezetimibe, Telaprevir, or the combination of Tipranavir/ritonavir. If possible, alternative (non-interacting) therapies should be considered

instead of these medicinal products.

There have been very rare reports of an immune-mediated necrotizing myopathy (IMNM) during or after $treatment\ with\ some\ statins.\ IMNM\ is\ clinically\ characterized\ by\ persistent\ proximal\ musc fe\ weakness\ and\ elevated\ serum\ creatine\ kinase,\ which\ persist\ despite\ discontinuation\ of\ statin\ treatment.$

In cases where co-administration of these medicinal products with atorvastatin is necessary, the benefit and the risk of concurrent treatment should be carefully considered. When patients are receiving medicinal products that increase the plasma concentration of atorvastatin, a lower maximum dose of atorvastatin is recommended. In addition, in the case of potent CYP3A4 inhibitors, a lower starting dose of atorvastatin should be considered and appropriate clinical monitoring of these patients is recommended. The concurrent use of atorvastatin and fusidic acid is not recommended, therefore, temporary suspension of

atorvastatin may be considered during fusidic acid therapy.

Paediatric use

Developmental safety in the paediatric population has not been established.

Interstitial lung disease

 $Exceptional \ cases \ of interstitial lung\ disease\ have\ been\ reported\ with\ some\ statins,\ especially\ with\ long\ term\ therapy.\ Presenting\ features\ can include\ Dyspnoea,\ non-productive\ cough\ and\ deterioration\ in\ general\ health$ (fatigue, weight loss and fever). If it is suspected a patient has developed interstitial lung disease, statin therapy should be discontinued.

Diabetes Mellitus

Some evidence suggests that statins as a class raise blood glucose and in some patients, at high risk of future diabetes, may produce a level of hyperglycemia where formal diabetes care is appropriate. This risk, however, is outweighed by the reduction in vascular risk with statins and therefore should not be a reason for stopping statin treatment. Patients at risk (fasting glucose 5.6 to 6.9 mmol/L, BMI>30kg/m², raised triglycerides, hypertension) should be monitored both clinically and biochemically according to national

Atorvastatin contains lactose. Patients with rare hereditary problems of galactose intolerance, Lapp lactose deficiency or glucose-galactose malabsorption should not take this medicine

PREGNANCY AND LACTATION:

Women of childbearing potential

Size: 210 x 280 mm



Women of child-bearing potential should use appropriate contraceptive measures during treatment

Pregnancy
Atorvastatin is contraindicated during pregnancy. Safety in pregnant women has not been established. No controlled clinical trials with atorvastatin have been conducted in pregnant women. Rare reports of congenital anomalies following intrauterine exposure to HMG-CoA reductase inhibitors have been received. Animal studies have shown toxicity to reproduction.

Maternal treatment with atorvastatin may reduce the fetal levels of mevalonate which is a precursor of cholesterol biosynthesis. Atherosclerosis is a chronic process, and ordinarily discontinuation of lipid-lowering medicinal products during pregnancy should have little impact on the long-term risk associated with primary hypercholesterolemia

For these reasons. Atorvastatin should not be used in women who are pregnant, trying to become pregnant or suspect they are pregnant. Treatment with Atorvastatin should be suspended for the duration of pregnancy or until it has been determined that the woman is not pregnant

Breastfeeding

It is not known whether atorvastatin or its metabolites are excreted in human milk. In rats, plasma concentrations of atorvastatin and its active metabolites are similar to those in milk. Because of the potential for serious adverse reactions, women taking Atorvastatin should not breast-feed their infants. Atorvastatin is contraindicated during breastfeeding.

INTERACTIONS:

Effect of co-administered medicinal products on atorvastatin

Atorvastatin is metabolized by cyrochrome P450 3A4 (CYP3A4) and is a substrate to transport proteins e.g. the hepatic uptake transporter OATP1B1. Concomitant administration of medicinal products that are inhibitors of CYP3A4 or transport proteins may lead to increased plasma concentrations of atorvastatin and an increased risk of myopathy. The risk might also be increased at concomitant administration of atorvastatin with other medicinal products that have a potential to induce myopathy, such as fibric acid derivates and Ezetimibe.

CYP3A4 inhibitors
Potent CYP3A4 inhibitors have been shown to lead to markedly increased concentrations of atorvastatin. Coadministration of potent CYP3A4 inhibitors (e.g. ciclosporin, telithromycin, clarithromycin, delavirdine, stiripentol, ketoconazole, voriconazole, itraconazole, posaconazole and HIV protease inhibitors including ritonavir, lopinavir, Atazanavir, indinavir, darunavir, etc.) should be avoided if possible. In cases where co-administration of these medicinal products with atorvastatin cannot be avoided lower starting and maximum doses of atorvastatin should be considered and appropriate clinical monitoring of the patient is recommended

Moderate CYP3A4 inhibitors (e.g. erythromycin, Diltiazem, verapamil and fluconazole) may increase plasma concentrations of atorvastatin. An increased risk of myopathy has been observed with the use of erythromycin in combination with statins. Interaction studies evaluating the effects of Amiodarone or verapamil on atorvastatin have not been conducted. Both Amiodarone and verapamil are known to inhibit CYP3A4 activity and co-administration with atorvastatin may result in increased exposure to atorvastatin. Therefore, a lower maximum dose of atorvastatin should be considered and appropriate clinical monitoring of the patient is recommended when concomitantly used with moderate CYP3A4 inhibitors. Appropriate clinical monitoring is recommended after initiation or following dose adjustments of the inhibitor. CYP3A4 inducers

Concomitant administration of atorvastatin with inducers of cytochrome P450 3A (e.g. efavirenz, rifampin, St. John's Wort) can lead to variable reductions in plasma concentrations of atorvastatin. Due to the dual interaction mechanism of rifampin, (cytochrome P450 3A induction and inhibition of hepatocyte uptake transporter OATP1B1), simultaneous co-administration of atorvastatin with rifampin is recommended, as delayed administration of atorvastatin after administration of rifampin has been associated with a significant reduction in atorvastatin plasma concentrations. The effect of rifampin on atorvastatin concentrations in hepatocytes is, however, unknown and if concomitant administration cannot be avoided, patients should be carefully monitored for efficacy.

Transport protein inhibitors

Inhibitors of transport proteins (e.g. ciclosporin) can increase the systemic exposure of atorvastatin. The effect of inhibition of hepatic uptake transporters on atorvastatin concentrations in hepatocytes is unknown. If concomitant administration cannot be avoided, a dose reduction and clinical monitoring for efficacy is recommended.

Gemfibrozil/fibric acid derivatives
The use of fibrates alone is occasionally associated with muscle related events, including rhabdomyolysis. The risk of these events may be increased with the concomitant use of fibric acid derivatives and atorvastatin. If concomitant administration cannot be avoided, the lowest dose of atorvastatin to achieve the therapeutic objective should be used and the patients should be appropriately monitored.

The use of Ezetimibe alone is associated with muscle related events, including rhabdomyolysis. The risk of these events may therefore be increased with concomitant use of Ezetimibe and atorvastatin. Appropriate $clinical\,monitoring\,of\,these\,patients\,is\,recommended.$

Colestipol

Plasma concentrations of atorvastatin and its active metabolites were lower (by approx. 25%) when colestipol was co-administered with Atorvastatin. However, lipid effects were greater when Atorvastatin and colestipol were co-administered than when either medicinal product was given alone

Fusidic acid Interaction studies with atorvastatin and fusidic acid have not been conducted. As with other statins, muscle related events, including rhabdomyolysis, have been reported in post-marketing experience with atorvastatin and fusidic acid given concurrently. The mechanism of this interaction is not known. Patients should be closely monitored and temporary suspension of atorvastatin treatment may be appropriate.

Although interaction studies with atorvastatin and colchicine have not been conducted, cases of myopathy have been reported with atorvastatin co-administered with colchicine, and caution should be exercised when prescribing atorvastatin with colchicine.

. Effect of atorvastatin on co-administered medicinal products

When multiple doses of digoxin and 10 mg atorvastatin were co-administered, steady-state digoxin concentrations increased slightly. Patients taking digoxin should be monitored appropriately.

Oral contraceptives

Co-administration of Atorvastatin with an oral contraceptive produced increases in plasma concentrations of norethindrone and ethinyl estradiol

In a clinical study in patients receiving chronic warfarin therapy, Coadministration of atorvastatin 80 mg daily with warfarin caused a small decrease of about 1.7 seconds in prothrombin time during the first 4 days of dosing which returned to normal within 15 days of atorvastatin treatment. Although only very rare cases of clinically significant anticoagulant interactions have been reported, prothrombin time should be determined before starting atorvastatin in patients taking coumarin anticoagulants and frequently enough during early therapy to ensure that no significant alteration of prothrombin time occurs. Once a stable prothrombin time has been documented, prothrombin times can be monitored at the intervals usually recommended for patients on coumarin anticoagulants. If the dose of atorvastatin is changed or discontinued, the same procedure should be repeated. Atorvastatin therapy has not been associated with bleeding or with changes in prothrombin time in patients not taking anticoagulants.

Paediatric population

Drug-drug interaction studies have only been performed in adults. The extent of interactions in the paediatric oulation is not known. The above mentioned interactions for adults and the warnings in section 4.4 should be taken into account for the paediatric population.

ADVERSE EFFECTS:

Infections and infestations Common: nasopharyngitis. Blood and lymphatic system disorders Rare: thrombocytopenia. Immune system disorders

Common: allergic reactions.

Very rare: anaphylaxis. Metabolism and nutrition disorders

Common: hyperglycemia

Uncommon: hypoglycemia, weight gain, anorexia

Psychiatric disorders

Uncommon: nightmare, insomnia

Nervous system disorders Common: headache.

Uncommon: dizziness, paraesthesia, hypoesthesia, dysgeusia, amnesia

Rare: peripheral neuropathy.

Eye disorders

Uncommon: vision blurred

Rare: visual disturbance. Ear and labyrinth disorders

Uncommon: tinnitus

Very rare: hearing loss

Respiratory, thoracic and mediastinal disorders Common: Pharyngolaryngeal pain, epistaxis.

Gastrointestinal disorders

Common: constipation, flatulence, dyspepsia, nausea, diarrhoea.

Uncommon: vomiting, abdominal pain upper and lower, eructation, pancreatitis. Hepatobiliary disorders

Uncommon: hepatitis.

Rare: cholestasis

Very rare: hepatic failure

Skin and subcutaneous tissue disorders

Uncommon: urticaria, skin rash, pruritus, alopecia.
Rare: angioneurotic oedema, dermatitis bullous including erythema multiform, Stevens-Johnson syndrome

and toxic epidermal necrolysis. Musculoskeletal and connective tissue disorders

Common: myalgia, arthralgia, pain in extremity, muscle spasms, joint swelling, back pain. Uncommon: neck pain, muscle fatigue.

Rare: myopathy, myositis, rhabdomyolysis, Tendinopathy, sometimes complicated by rupture. Not known: immune-mediated necrotizing myopathy.

Reproductive system and breast disorders

Very rare: gynaecomastia.

General disorders and administration site conditions
Uncommon: malaise, asthenia, chest pain, peripheral oedema, fatigue, pyrexia.

Investigations
Common: liver function test abnormal, blood creatine kinase increased.

Uncommon: white blood cells urine positive. Paediatric Population

The clinical safety database includes safety data for 249 paediatric patients who received atorvastatin, among which 7 patients were < 6 years old, 14 patients were in the age range of 6 to 9, and 228 patients were in

the age range of 10 to 17. Nervous system disorders

Common: Headache Gastrointestinal disorders

Common: Abdominal pain

Investigations

Common: Alanine aminotransferase increased, blood creatine phosphokinase increased

Based on the data available, frequency, type and severity of adverse reactions in children are expected to be the same as in adults. There is currently limited experience with respect to long-term safety in the paediatric population.

The following adverse events have been reported with some statins:

Sexual dysfunction

Exceptional cases of interstitial lung disease, especially with long term therapy

OVERDOSAGE AND TREATMENT:

Specific treatment is not available for Atorvastatin overdose. Should an overdose occur, the patient should be treated symptomatically and supportive measures instituted, as required. Liver function tests should be performed and serum CK levels should be monitored. Due to extensive atorvastatin binding to plasma proteins, hemodialysis is not expected to significantly enhance atorvastatin clearance

STORAGE CONDITION:

ore at temperatures not exceeding 30°C

DOSAGE FORMS AND PACKAGING AVAILABLE:

Atorvastatin Tablets 10/20/40 mg (Avas – 10/20/40) are available in Alu-Alu Blister pack of 10's (Box of 30's)

INSTRUCTIONS AND SPECIAL PRECAUTIONS FOR HANDLING AND DISPOSAL (IF APPLICABLE):

NAME AND ADDRESS OF MARKETING AUTHORIZATION HOLDER:

Marketing Authorization Holder

Brown & Burk Philippines Inc U-501, 5/F., SEDCCO 1 Bldg., 120 Rada cor.

Legaspi Sts., Legaspi Village, Makati City, Philippines

NAME AND ADDRESS OF MANUFACTURERS

MICRO LABS LIMITED

92, Sipcot Industrial Complex Hosur – 635 126, India.

CAUTION STATEMENT:

FOODS, DRUGS, DEVICES, AND COSMETICS ACT PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

ADR REPORTING STATEMENT:

"FOR SUSPECTED ADVERSE DRUG REACTION, REPORT TO THE FDA: www.fda.gov.ph Seek medical attention immediately at the first sigh of Adverse Drug Reaction

REGISTRATION NUMBER:

AVAS 10: DRP-7057 AVAS 20: DRP-7056 AVAS 40 : DR - XY42852

DATE OF FIRST AUTHORIZATION:

AVAS 10-17th OCT. 2012 AVAS 20-2nd OCT. 2012 AVAS 40-23rd OCT, 2013

DATE OF REVISION OF PACKAGE INSERT:

EXG-ML01I-1223/A

Size: 210 x 280 mm

MICRO LABS LIMITED, BANGALORE, INDIA							
1	Product Name		Avas-10/20/40			Colours Used	
2	Strength		10 mg, 20 mg & 40 mg			■ BLACK	
3	Component		Leaflet				
4	Category		Export - Philippines				
5	Dimension		210 x 280 mm				
6	Artwork Code		EXG-ML01I-1223/A				
7	Pharma Code		N/A				
8	Reason for Change		Size, New Regulation and Reg. No. changed				
		Dronored	Checked	Approved by			
		Prepared by (DTP)	by (PD)	Head CQA	Head Production/ Packing (Site)	Head QC (Site)	Head QA (Site)
Sign		Kantharaju L.					
Date		16-07-2019					