TELDAY Plus

(Manufacturer's Specs.)

Telmisartan + Amlodipine 40/5mg, 40/10mg & 80/5mg film coated tablets

TELDAY PLUS 40/5 mg tablets: Each film coated tablet contains: Telmisartan...40mg

Amlodipine as Besylate...5mg
TELDAY PLUS 40/10 mg tablets: Each film coated tablet contains: Telmisartan... Amlodipine as Besylate_10mg

TELDAY PLUS 80/5 mg tablets: Each film coated tablet contains: Telmisartan...80mg Amlodipine as Besylate_5mg

DESCRIPTION
TFI DAY PLUS is a fixed dose combin angiotensin II receptor blocker (ARB) antagonist and amlodipine is a dihydropyridine calcium channel blocker. MECHANISM OF ACTION

Angiotensian II is formed from angiotensian I in a reaction catalyzed by angiotensin-converting enzyme (ACE, kininose II) Angiotensian II is the principal pressor agent of the reinit-angiotensian system, with effects that include vacoconstriction, stimulation, and synthesis and release at diadosterone, cordiac stimulation, and renal reabsorption of sodium. Telmisartan blocks the vasoconstrictor and aldosterone-secreting effects of angiotensia II by selectively blocking the binding of angiotensian II to the AIT receptor in many tissues, such as vascular smooth muscle and the adrenal gland. Its action is therefore independent of the pothways for angiotensian II synthesis. Telmisartan has much greater affinity (13,000 fold) for the AIT receptor than for the AIZ receptor. Blockade the renin-angiotensian system with ACE inhibitors, which highlit the big openess of angiotensian II from angiotensian II, is widely used in the treatment of hypertensian. ACE. Because telmisartan does not inhibit the degradation of bradykinia, a reaction also catalyzed by ACE. Because telmisartan does not inhibit ace degradation of bradykinia, a reaction also catalyzed by ACE. Because telmisartan does not inhibit ace degradation of bradykinia, a reaction also catalyzed by ACE. Because telmisartan does not inhibit ace degradation of bradykinia, a reaction also catalyzed by ACE account the ace and a supplication in the account of the control of the control feedback of angiotensian II no renin secretion, but the resulting increased pleamar renin activity and angiotensian II are control overcome the effect of telmisartan an Angiotensin II is formed from angiotensin I in a reaction catalyzed by angiotensin activity and angiotensin II circulating levels do not overcome the effect of telmisartan on

blood pressure. Ambadipine is a dihydropyridine calcium channel blocker that inhibits the transmembrane influx of calcium inos into vascular smooth muscle and cardioc muscle. The contractile processes of cardiac muscle and vascular smooth muscle are dependent upon the movement of extracellular calcium ions into these cells through specific ion channels. Ambadipine inhibits calcium ion influx across cell membranes selectively, with a greater effect on vascular smooth muscle cells than on cardiac muscle cells. Ambadipine is a peripheral arterial vasculator that acts after the vascular smooth muscle to cause a reduction in peripheral vascular resistance and reduction in

PHARMACOKINETICS

Telmisartan:

Telmisorton: Telmisorton is rapidly obsorbed from the gastrointestinal tract. The absolute thioxoxilability is dose dependent and is about 42% after a 40 mg dose and 58% after a 1 fill 50 mg dose People planne concentration of telmisortan reached about 0.5 to thour after an oral dose. Telmisortan is over 95% bound to plasma proteins. It is excreted dimost entirely in the via bile, mainly as unchanged drug. The terminal elimination altifle is obout 24 hours.

Ambdigines:

Ambdigines

Ambdigines

Ambdigines

Ambdigines is well absorbed after oral doses and peak blood concentration occurs after 6 to 12 hours. The homosphality variates but is excretely about 0.55%, Ambdigines is well absorbed after oral doses and peak blood concentration occurs after 6 to 12 hours. The homosphality variates but it is usually about 50 to 55%, Ambdigines is well absorbed after oral doses and peak blood concentration occurs after 6 to 12 hours. The homosphality variates but it is used.

Amiodipine is well absorbed after oral doses and peak blood concentrations cours date? 5 to 12 hours. The biovalidability varies but is usually about 80 to 85%. Amiodipine is a reported to be about 95% bound to plasma proteins. If has a prolongatal terminal elimination half lief of \$55 to 50 hours and steady-state plasma concentrations are not achieved until after 7 to 8 days of use. Amiodipine is extensively metabolized in the liver, metabolites are mostly excreted in unine, with less than 10% of a dose so unchanged drug.

Amlodipine is not removed by dialysis. INDICATIONS AND USAGE

Ambidgines in the terrobe organization of the Montanization of M daily. TELDAY PLUS tablets may be used to provide additional blood pressure lowering for potients not adequately controlled with amidatipine (or enother disrytopyrdine aclaims channel blocker) atlane or with telmisartan (or another angiotensin receptor blocker) alone. The usual starting dose of TELDAY PLUS is 40/5 mg once daily. Patients requiring larger blood pressure reductions may be started on Misra AM 80/5 mg once daily. Patients treated with 10 mg anothogine who experience any dose-limiting adverse reactions such as edema, may be switched to TELDAY PLUS 40/5 mg tablets once daily, reducing the dose of amidatiphe without reducing the voveral expected antihypertensive response. Initial therapy with TELDAY PLUS is not recommended in patients > 75 years old or with hepatic importance.

ADVERSEREACTIONS

verse events are peripheral edema, dizziness, back pain, edema (othe than peripheral edema), hypotension, and syncope. Peripheral edema is a known, dosed ependent adverse reaction of amlodipine, but not of telmisartan.

Terminarran:

The reported adverse events of the telminartan are upper respiratory tract infection, back pain, sinustis, diarrhea, pharyngitis, influenza-like symneys, syspepsia, mydgla, unlary tact lifection, abdominal grain, headache, lagranes, pain, followe, hypertension, chest pain, nausea, cough and peripheral elema. These are also reported events includes headache, dizzinese, atthenia, edema, face edema, jower limb eleman. includes headache, diziness, asthenia, adema, face edema, lower limb edema, angioneurotic edema, utriacria, hyperensitivity, swedting increased, rephema, chest pain, strial fibrillation, congestive heart failure, myocardial infarction, blood pressure increased, hypertension aggravated, hypotension (including postural hypotension), hyperkalemia, syncope, urinary tract infection, erectile dysfunction, muscle cramps (including leg carmps), bradycardia, essinpolifial, thrombocytopenia, uric acid increased, abnormal hepatic function/liver disorder, renal impairment including acute renal failure, anemia, and increased CPK, anaphylozic reaction, tendop pain (including tendonitis, tenosynovitis), drug eruption (e.g., toxic skin eruption mostly reported as toxicoderma, crash, and urticariori), hypoglycerviai (in diabetic potients), and angioodema (with fatal outcome). In rare cases of fhobdomyohysis have been reported in patients receiving angiotensin il receptor blockers, including termisartian and occasional elevations of liver chemistries occurred in patients treated with telmisartan.

occasional elevations of liver chemistries occurred in patients treated with telmisartan.
Amiodipine:

The most common side effects were beadache, dizziness, flushing, palpitations, edema, fedigue, nausea, obdominal poin and somnolence. The date reported events of amiodipine are cardiac failure, pulse irregularity, extrasystoles, skin discolaration, uniforaria, skin dryness, alapsein, dermatilist, muscle weakness, witching, attasi, hypertonia, migraine, cold and clammy skin, apathy, agitation, amnesia, agatritis, increased appetite, loses stolos, coughing, hinitisk, dysurula, polyuria, parorsania, taste perversion, abnormal visual accommodation, and serophthorimia. The events where a causal relationship is uncertain; they are listed to elet the physician to a possible relationship. Arrhythmia (including ventricular tachycardia and atrial fibrillistion), bradycardia, chest pain, hypotension, peripheral schemia, synoope, tachycardia, postural dizziness, postural hypotension, vasculitis, hypoesthesia, neuropotthy peripheral, paresthesia, trenor, veriba, anarosia, constipation, dyspepsia, dysphogal, peripheral, paresthesia, trenor, veriba, anarosia, constipation, dyspepsia, dysphogal. postural dizziness, postural hypotension, vasculitis, hypoesthesia, neuropathy peripheral, paresthesia, trenor, verilica, ancersia, constipation, dyspepsia, dysphagia, diarrhea, flatulence, poncreatitis, vantiling, gingival hyperplasia, change of bowel habit, allergic reaction, asthenia, book poin, hat flushes, modies, pain, ispors, weight gain, weight decrease, arthralgia, arthrosis, muscle cramps, myalgia, sexual dysfunction, insormia, nervousness, depression, obnormal dreams, anistly, depersonalization, mood change, dyspnee, epistaxis, angioederma, erythema multiforme, prurlus, rash, rash erythematous, rash moculopaquiar, abnormal vision, conjunctivitis, diaplosia, eye pain, tinnitus, micturition frequency, micturition disorder, nacturia, dry mouth, sweding increased, hyperglycemia, thrist, leukopenia, purpura, thromboeytopenia gynecomastia, hepatic enzyme elevation and extrapyramidal disorder.

gynecomdsua, ireproduction. <u>DRUG INTERACTIONS</u>

The pharmacokinetics of amlodipine and telmisartan are not altered when the drugs are armacokinetics of amiourpric ministered. nteractions with Telmisartan

co-administered.

Trug Interactions with Telmisartan

Aliskiren: Do not co-administer aliskiren with TELDAY PLUS in patients with diabetes.

Avoid use of aliskiren with TELDAY PLUS in patients with renal impairment (GFR <60 ml/min).

Digoxin: Monitor digoxin levels when initiating, adjusting, and discontinuing telmisartan for the purpose of keeping the digoxin level within the therapeutic range.

purpose of keeping the uppart event which are the control of the c

Non-Steroidal Anti-Inflammatory Agents including Selective Cycloorygenesse-1 hibilitors (CV2-2inhibitors).

In patients who are elderly, volume-depleted (including those on diuretic therapy), or with compromised renaf function, co-administration of NSADs, including selective CV2-2inhibitors, with angiotensin it receptor antagonists, including telmisortan, may result in deterioration of renaf function, including possible ocute renaf failure. These effects are usually reversible. Monitor renaf function periodically in patients receiving telmisortan and NSADI breropy, attenuated by NSADIs including selective CV2-2 inhibitors. Ramipial and Ramipilate.

Ramipila and Ramipilate.

Co-administration of telmisortan and ramipril is not recommended. When co-administering telmisortan and ramipril is the response may be greater because of the his increased all opposure to married the increased as posure to married and ramiprilate in the presence of telmisortan. Other Drugs.

Co-administration for telmisortan did not result in a clinically significant interaction with acetaminophen, amidalpine, glyburide, simvastatin, hydrochlorothiazide, warforin, or illuprofen. Telmisortan is not expected to interact with drugs metabolized by the Vytochome PA50 enzymes, it is also not expected to interact with drugs metabolized by cytochome PA50 enzymes; it is ont on the presence of the interaction with a decomposition of telmisortan in the receival drugs of drugs metabolized by cytochome PA50 enzymes; it is also not expected to interact with drugs metabolized by cytochome PA50 enzymes; it is also not expected to interact with drugs metabolized by cytochome PA50 enzymes; it is also not expected to interact with drugs metabolized by cytochome PA50 enzymes. Drugs interactions with Amiodipine Amiodipine has been safely administered with drugs metabolized by cytochome PA50 enzymes, except for possible inhibition of the metabolized of drugs metabolized by CYP2CID.

Drug interactions with Amiodipine advantagement of drugs metabolized and very co

samostum in puteris ori of innouprite to zoring dusty, immunisospipessurus, zamodipule more) increase the systemic sure, of cyclosporine or toccollimus when co-ordinistented. Frequent exposure monitoring of trough blood levels of cyclosporine and tocciolimus is recommended and odjust the dose when appropriate. The following have no clinically relevant effects on the pharmacokinetics of amidalipine: cimetidine, grapefruit juice, magnesium and aluminum hydroxide antacid, sillaente.

magnesum and authinium interviews.

Amilodipine has no clinically relevant effects on the pharmacokinetics or pharmacokynamics of the following: atorvastatin, digoxin, warfarin. CVP3A4 Inhibitors: Strong inhibitors of CVP3A2 (e.g., ketoconazole, itraconazole, itraconazole, interviews or plasma concentrations of amilogine to a genetic extent. Monitor for symptoms of hypotension and ederent when amilodipine is co-administered with CVP3A4 inhibitors. CVP3A4 inducers: CONTRAINDIACTIONS

TELON PRUS to Diets are continuitional produced in additional produced in the component of this conaphylase or angiedemna) to letinisaration, amilodipine, or any other component of this

product.
 Do not co-administer aliskiren with TELDAY PLUS in patients with diabetes.

USEIN SPECIFIC POPULATIONS

JISEINSPECIFIC POPULATIONS

Pregnancy

Pregnancy Observed the drugs that act on the renin-angiotensin system during the second and third trimesters of pregnancy reduces fetal renal function and increases fetal and neonatal morbidity and death. Resulting oligohydramnios can be associated with fetal fung hypoplasia, arunia, hypotension, renal failure, and death. When pregnancy is detected, discontinue TEIDAY PLUS as soon as possible. These adverse outcomes are usually associated with use of these drugs in the second and third trimester of pregnancy, in the unusual case that there is no appropriate alternative to therapy with drugs affecting the renin-angiotensin system for a particular potent, apprise the mother of the potential risk to the fetus. Perform serial ultrasound examinations to assess the intro-aminatic environment. If Gliophydramnios is observed, discontinue Misor AM. of the potential risk to the fetus. Perform serial ultraoound examinations to assess the intro-aminotic environment. If oligophytamnios is observed, discontinus Miser AM, unless it is considered lifesoving for the mother. Fetal testing may be appropriate, based on the week of pregnancy, Petients and physicians should be aware, however, that oligophytamnios may not appear until after the fetus has sustained irreversible injury. Closely observe infants with histories of in utero exposure to TELDAY PLUS for hypotension, oliguria, and hyperkalemia. Warring Mothers

Because of the potential for adverse effects on the nursing infant, decide whether to discontinue nursing or discontinue the drug toking into account the importance of the drug to the mother. It is not known whether excreted in human milk. It is not known whether amidolighios is excreted in human milk. It is not known whether excreted in human milk. It is not, it is recommended to discontinue nursing while amidoliphios is excreted in human milk. It is not, it is recommended to discontinue nursing while amidoliphios is accommended to discontinue nursing while amidoliphios is active.

Pediatric Use
Safety and effectiveness of telmisartan / amlodipine in pediatric patients have not been salety und effective so tremisation of minimum en personare powers to twee to the seatblished. If aligituria or hypotension occurs, direct attention toward support of blood pressure and renal perfusion. Exchange transfusions or dialysis may be required as a means of reversing hypotension and/or substituting for disordered renal function. Geriatric Use

Geriatric Use
In general, dose selection for an elderity patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal or cardiac function, and of concentional disease or other drug therapy. Bledry patients have decreased clearance of amilodipine with a resulting increase of AUC of approximately 40% to 50%, and a lower initial dose may be required.

Hepatic insufficiency
Monitor carefully and up-titates slowly in patients with billiary obstructive disorders or hepatic insufficiency Since patients with hepatic impairment have decreased clearance of amilodipine.

of amlodipine. WARNINGS AND PRECAUTIONS

Fetal Toxicity
Avoid fetal or neonatal exposure.

Avoid fetal or neonatal exposure. Hypotensian
In patients with an activated renin-angiotensis system, such as volume- or salldepleted patients (e.g. those being treated with high doses of diuretics), symptomatic
hypotension may occur after initiation of therapy with TELDAY PLUS tablets. Either correct
this condition prior to administration of TELDAY PLUS tablets, or start treatment under
close medical supervision with a reduced dose.

Hyperkalemia
Hyperkalemia may occur in patients on ARBS, particularly in patients with advanced
renal impairment, heart failure, on renal replacement therapy, or on potassiumsupplements, potassium-sporting adit substitutions of serum
electrolytes to detect to assible electrolyte imbolances, particularly in potients at risk. electrolytes to detect possible electrolyte imbalances, particularly in patients at risk Impaired Hepatic and Renal Function Caution should be exercised in hepatic and renal Impaired Hepotic and Renal Function Caution should be exercised in hepotic and renal impairment potients. Titted solviny in haptic and renal impairment potients. Patients with billiary obstructive disorders or hepotic insufficiency can be expected to have reduced clearance. Inhibiting the renin-angloteath-acidosterone system, anticipate changes in renal function in susceptible individuals. Dual Blockade of the Renin-Angloteanis-Alosterone System boul blockade of the RAS with angloteanis-receptor blockers, ACE inhibitors, or diskinen associated with increased risks of hypotension, hyperkalemia, and changes in renal function (including outser ernal fallure) compared to monotherapy, general, avoid combined use of RAS inhibitors. Closely monitor blood pressure, transit function and electrolytes in patients on TELDAY PLUS and other agents that offset the RAS.

Do not co-administer aliskiren with TELDAY PLUS in patients with diabetes

Risk of Myocardial infarction or Increased Angina

Worsening angina and acute myocardial infarction can develop after starting or increasing the dose of amlodipine, particularly in patients with severe obstructive coronary artery disease Heart Failure

Neartrailure
Closely monitor patients with heart failure.

OVEROSAGE
The most likely monifestations of overdosage with telmisartan tablets would be hypotension, dizziness, and tachycardia; bradycardia could occur from parasympathetic (vagal) stimulation. If symptomatic hypotension should occur, supportive treatment should be instituted. Telmisartan is not removed by hemodicilysis. The amiodipine overdosage might be expected to cause excessive peripheral vasadilation with marked hypotension and possibly a reflex torkycardia. If massive overdose should occur, initiate active cardiac and respiratory monitoring. Frequent Island pressure measurements are essential. Should hypotension accur, provide overdose should occur, initiate active cardiac and respiratory monitoring. Frequent blood pressure measurements are essential. Should hypotension occur, provide cardiovascular support including elevation of the extremities and the judicious administration of fluids. If hypotension remains unresponsive to these conservative measures, consider administration of vasopressors (such as phenylephrine) with attention to circulating volume and urine output. As amlodipine is highly protein bound; hemodalrysis is not likely to be of benefit.



DOSAGE & INSTRUCTIONS:

DOSAGE AINSTRUCTIONS:
Use as directed by the physician. For details, see enclosed leaflet. To be sold on the prescription of a registered medical practitioner only. Keep all medicines out of the reach of children. Store at 20°C-28°C, Protect from light and moisture.

(excursions permitted to 15°C-30°C).

PACK SIZE
TELDAY PLUS 40/5mg tablets: Blister Pack of 14's.
TELDAY PLUS 40/10mg tablets: Blister Pack of 14's.
TELDAY PLUS 80/5mg tablets: Blister Pack of 14's.

TO BE SOLD ON THE PRESCRIPTION OF A REGISTERED MEDICAL PRACTITIONER ONLY. KEEP ALL MEDICINES OUT OF THE REACH OF CHILDREN.

Lactose & Gluten Free

ٹیلڈے پلس ثيلميسارتن + املودپائن 40/5 ملى گرام, 40/10 ملى گرام اور 80/5 ملى گرام فلم كوندٌ گوليان

ڈاکٹر کی بدایات کےمطابق استعمال کریں۔ صرف متند ڈاکٹر کے نسخہ کے مطابق ہی دوافروخت کی جائے۔ تمام ادویات بچوں کی گئی ہے دور رکھیں۔ دواكو°C-20°C درجة حرارت برخي اور روشني سے تفوظ ركھيں۔ (روح ارت کا مین 15°C در 30°C در 30°C در 15°C مین ا