

04-05-2021 1st Copy

(Analysis and a solution of Alexandra and Indian	Tablets	
(Amlodipine Besylate + Valsartan + Hydro	WARNING: FETAL TOXICITY	
When pregnancy is detected, discontinue as so developing foetus.	oon as possible. Drugs that act directly on the renin-angic	tensin system can cause injury and death to th
QUALITATIVE AND QUANTITATIVE COMPC Onato®-V IIII Tablet 5mg/160mg/12.5mg	OSITION Onato [®] -V IIII Tablet 5mg/160mg/25mg	Onato [®] -V LCCF Tablet 10mg/160mg/1
Each film coated tablet contains:	Each film coated tablet contains:	Each film coated tablet contains:
Amlodipine (as Besylate) Ph. Eur5mg Valsartan USP	Amlodipine (as Besylate) Ph. Eur5mg Valsartan USP160mg	Amlodipine (as Besylate) Ph. Eur
Hydrochlorothiazide BP12.5mg	Hydrochlorothiazide BP	Valsartan USP Hydrochlorothiazide BP1
Onato-V LCD Tablet 10mg/160mg/25mg	Onato®-V LCD Tablet 10mg/320mg/25mg	
Each film coated tablet contains: Amlodipine (as Besylate) Ph. Eur10mg	Each film coated tablet contains: Amlodipine (as Besylate) Ph. Eur10mg	
Valsartan USP160mg Hydrochlorothiazide BP	Valsartan USP320mg Hydrochlorothiazide BP	
PHARMACEUTICAL FORM: Tablet	Hydrochlorothlazide br	
CLINICAL PARTICULARS		
THERAPEUTIC INDICATIONS: Indicated for treatment	t of hypertension as substitution therapy in adults whose bloo taken either as three single-component formulations or as a d	d pressure is adequately controlled on the combine
fixed combination drug is not indicated for the initial the	erapy of hypertension.	au component and a single component formalate
POSOLOGY AND METHOD OF ADMINISTRATION:	y, preferably in the morning. Before switching to 0nato[®]-V	Participate about he controlled on stable door
monocomponents taken at the same time. The dose s	should be based on the doses of the individual components o	f the combination at the time of switching. The ma
recommended dose is 10mg/320mg/25mg.		
Special Population: Renal impairment: No adjustment of the initial dosi	e is required for mild to moderate renal impairment. Contra	indicated in anuria and severe renal impairment
hydrochlorothiazide component. Hepatic impairment: Contraindicated in severe hepat	tic impairment. Not suitable in mild to moderate hepatic impair	ment without cholestasis as the maximum recom
dose is 80mg valsartan. Dose recommendations for a	mlodipine have not been established in patients with mild to m	oderate hepatic impairment. Lowest available dos
	quent monitoring of blood pressure, is recommended, particular	rly at the maximum dose of Onato-V ICI
10mg/320mg/25mg. Paediatric population: No relevant use for the indicati	ion of essential hypertension.	
Heart failure and coronary artery disease: Caution a	advised particularly at the maximum dose; amlodipine/ valsarta	n/hydrochlorothiazide 10mg/320mg/25mg.
Method of Administration: Oral use. Can be taken wi	th or without food. Tablets should be swallowed whole with son	ne water.
CONTRAINDICATIONS:	ulphonamide derivatives, to dihydropyridine derivatives, or to a	ny of the excinients
Second and third trimesters of pregnancy	 Hepatic impairment, biliary cirrhosis or ch 	iolestasis.
 Severe renal impairment (GFR <30 ml/min/1.73 m2) Concomitant use with aliskiren-containing products in), anuria and patients undergoing dialysis. n patients with diabetes mellitus or renal impairment (GFR <60 n	nl/min/1.73 m2). Refractory hypokalaemia, hyponat
hypercalcaemia, and symptomatic hyperuricemia.		,,,
 Severe hypotension. Obstruction of the outflow tract of the left ventricle (etc.) 	 Shock (including cardiogenic shock). e.g. hypertrophic obstructive cardiomyopathy and high grade and 	ortic stenosis).
 Haemodynamically unstable heart failure after acute 		
SPECIAL WARNINGS AND PRECAUTIONS FOR US Sodium-and/or volume-depleted patients: Symptom	E: Safety and efficacy of amlodipine in hypertensive crisis have atic hypotension may occur in sodium-depleted and/or volume-	e not been established.
should be used only after correction of any pre-existing	sodium and/or volume depletion. Treatment can be continued	once blood pressure has been stabilised.
impaired renal function, treatment with other medicinal	f serum electrolytes and potassium should be performed at app products or history of prior electrolyte imbalances.	
Hydrochlorothiazide: Thiazide diuretics can precipita hydrochlorothiazide therapy, discontinue this combinati	te new onset hypokalaemia or exacerbate pre-existing hypoka	alaemia; If hypokalaemia/ hyponatraemia develop:
Renal impairment: Serum electrolytes should be perio	odically monitored (including potassium), creatinine and uric aci	d serum levels is recommended.
Renal artery stenosis: Should be used with caution in	hepatic impairment without cholestasis, the maximum recomn patients with unilateral or bilateral renal artery stenosis.	
Angioedema: Angioedema, including swelling of the la patients treated with valsartan.	rynx and glottis, causing airway obstruction and/or swelling of	the face, lips, pharynx, and/or tongue, is known to o
Heart failure and coronary artery disease/post-my	yocardial infarction: ACE inhibitors and angiotensin recept	or antagonists has been associated with oliguria
progressive azotaemia and (rarely) with acute renal fail heart failure, as they may increase the risk of future ca	ure and/or death. Calcium channel blockers, including amlodipi rdiovascular events and mortality.	ne, should be used with caution in patients with cor
Aortic and mitral valve stenosis: Special caution is in Primary hyperaldosteronism: Not recommended in the sterior of the ste	ndicated in patients.	
Systemic lupus erythematosus (SLF): Thiazide diure	etics, including hydrochlorothiazide, are known to exacerbate o	
Contraindicated in symptomatic hyperuricaemia.	cluding hydrochlorothiazide may alter glucose tolerance and ra	
Photosensitivity: If photosensitivity reaction occurs du	uring treatment with Onato®-VICOF, it is recommended to str acute angle-closure glaucoma: Hydrochlorothiazide, has be	op the treatment.
choroidal effusion with visual field defect, acute transie nossible	ent myopia and acute angle-closure glaucoma. The primary tre	atment is to discontinue hydrochlorothiazide as ra
Dual blockade of the renin-angiotensin-aldosteron	e system (RAAS): ACE inhibitors and ARBs should not be u	used concomitantly in patients with diabetic nephr
Non-melanoma skin cancer: Basal cell carcinoma (B occur.	SCC) and squamous cell carcinoma (SCC) with increasing curr	nulative dose of hydrochlorothiazide exposure is kr
INTERACTIONS WITH MEDICINAL PRODUCTS AND	OTHER FORMS OF INTERACTIONS: Concomitant use no	t recommended:
 Valsartan/HCT and Lithium: Reversible increases Valsartan/HCT and Potassium-sparing diuretic 	in serum lithium concentrations and toxicity is known to occur. s, potassium supplements, salt substitutes containing	potassium and other substances that may ir
potassium levels: Frequent monitoring of potassiu	um plasma levels is advised.	
Caution required with concomitant use:	nded as bioavailability may be increased in some patients,	
 Amlodipine and CYP3A4 inhibitors (i.e. ketocona adjustment may be required. 	azole, itraconazole, ritonavir): May give rise to significant incr	ease in amlodipine exposure. Clinical monitoring ar
Amlodipine and CYP3A4 inducers (anticonvul-	sant agents [e.g. carbamazepine, phenobarbital, phenyto	oin, fosphenytoin, primidone], rifampicin, Hyp
concomitant medication particularly with strong CYF	tion of amlodipine may vary; blood pressure should be monito 23A4 inducers (e.g. rifampicin, hypericum perforatum).	
 Amlodipine and Simvastatin: If simvastatin is co-a 	administered with amlodipine, do not exceed doses greater that nia; co-administration of calcium channel blockers such as ar	
hyperthermia and in the management of malignant I	hyperthermia.	
 Valsartan/HCT and NSAIDs: May attenuate the ar function at the beginning of the treatment as well as 	ntihypertensive effect. May lead to worsening of renal function adequate hydration recommended.	and an increase in serum potassium; Monitoring
 Valsartan and Inhibitors of the uptake transported 	er (rifampicin, cyclosporin) or efflux transporter (ritonavir):	Systemic exposure of valsartan maybe increased.
 HCT and Alcohol, barbiturates or narcotics: May HCT and Amatadine: May increase the risk of adve 	erse reactions caused by amantadine.	
 HCT and Anticholinergic agents and other medic motility and the stomach emptying rate. 	inal products affecting gastric motility: Bioavailability of thia	zide-type, apparently due to a decrease in gastroin
 HCT and Antidiabetic agents (e.g. insulin and or 	ral antidiabetic agents): Thiazides may alter glucose tolerand	e; dose adjustment of the antidiabetic may be nec
 HCT and Metformin: Metformin should be used wit HCT and Beta blockers and diazoxide: May incre 	th caution.	-
- HOT IO I STORE STORE OF UNIT UNITED AND THE WITCH	neruricaemia and qout-type complications	
 HCT and Cyclosporin: May increase the risk of hyperbolic structure in the second structur	excretion of cytotoxic agents (e.g. cyclophosphamide, methotre	



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- arrhythmias. HCT and lotine contrasting agents: There is an increased risk of acute renal failure, especially with high doses of iodine products. Patients should be re-hydrated before the administration. HCT and Medicinal products affecting serum potassium level: Hypokalaemic effect of hydrochlorothiazide may be increased by concomitant administration of kalluretic duretics, conticosteroids, laxatives, adrenocortootropic hormone (ACTH), amphoteriain, carbenoxolone, peniolillin G and salloylic acid derivatives or antiarrhythmics. HCT and Medicinal products affecting serum potassium level: Hypokalaemic effect of hydrochlorothiazide may be increased by concomitant administration of kalluretic duretics, conticosteroids, laxatives, adrenocortootropic hormone (ACTH), amphoteriain, carbenoxolone, peniolillin G and salloylic acid derivatives or antiarrhythmics. HCT and Medicinal products affecting serum sodium level: Hypokalaemic effect of duretics may be intensified by concomitant administration of medicinal products such and fucue torsades de pointes: Due to the risk of hypokalaemia, hydrochlorothiazide should be administered with caution in particular. Class la and Class III antiarrhythmics and some antipsycholics. HCT and Medicinal products used in the treatment of gout (probenecid, sulfinpyrazone and allopurinol): Co-administration of thiazide diuretics, including hydrochlorothiazide, may increase the incidence of hypersensitivity reactions to allopurinol. HCT and Medicinal products used in the treatment of gout (probenecid, sulfinpyrazone and allopurinol): Co-administration of thiazide diuretics, including hydrochlorothiazide, nay increase the incidence of hypersensitivity reactions to allopurinol. HCT and Medicinal products used in the treatment of gout (probenecid, sulfinpyrazone and allopurinol): Co-administration of durate divitives. HCT and Medicinal products is a november of curve erivatives and the antihyneetnesive endous (e.g. quarethides nethynden) and the antihyneetnesive endous (e.g. quarethide

- HCT and Mon-depolarising skeletal muscle relaxants (e.g. tubocurarine): Thiazides, including HCT, potentiate the action of curare derivatives. HCT and Other anti-hypertensive medicinal products: Thiazides potentiate the antihypertensive action of other antihypertensive drugs (e.g. guanethidine, methyldopa, beta-blockers, vasoilators, actionum channel blockers, ACB shall break Reinn Inhibitors (DRIs). HCT and Pressor amines (e.g. noradrenaline, adrenaline): HCT may reduce the response to pressor amines such as noradrenaline; clinical significance of this effect is uportain and a to efficient b powolide their uso.
- In C1 and pressor attimes (e.g. nordiarename, arrename): PC1 may reduce the response to pressor attimes such as noraderiante, cancal significance of this einert is uncertain and not sufficient to preclude their us obtaining. The line of the pressor attimes to an ordiarename, cancal significance of this einert is uncertain and not sufficient to preclude their us obtained in the significance of the pressor attimust such as noraderiante, cancel and the pressor attimust and the pressor attimust and the pressor attimust and the pressor attimust and decreased renal faultion (normal faulties) compared to the use of a single RAAS-acting agent.

FERTILITY PREGNANCY AND LACTATION.

FERTILITY, PREGNANCY AND LACIAIUM: Fertility: There is no clinical studies on fertility with amlodipine/valsartan/hydrochlorothiazide. Pregnancy: Pregnancy Category D: Not recommended during first trimester and contraindicated during the second and third trimester of pregnancy. Lactation: Amlodipine and hydrochlorothiazide is excreted in human milk. Use of this medicinal product during breast-feeding is not recommended.

EFFECTS ON ABILITY TO DRIVE AND USE MACHINES: Amlodipine can have mild or moderate influence on the ability to drive and use machines. If patients taking medicinal products containing amlodipine suffer from dizziness, headache, fatigue or nausea, the ability to react may be impaired.

UNDESIRABLE EFFECTS: The following additional adverse reactions have been reported in post marketing experience: Amologine: With amidolipine, gynecomastia has been reported infrequently and a causal relationship is uncertain. Jaundice and hepatic enzyme elevations (mostly consistent with cholestais or hepatitis), in some cases severe enough to require hospitalization, have been reported in association with use of amidolipine. Valsartan or valsartan/hydrochlorothiazide: The following additional adverse reactions have been reported in post-marketing experience with valsartan or valsartan/ hydrochlorothizaride. drochlorothiazide:

- Elood and tymphatic: Decrease in heemoglobin, decrease in heematocit, neutropenia Hypersensitivity: There are rare reports of angioedema. Some of these patients previously experience angioedema with other drugs including ACE inhibitors, Omatic'-UTDF should not be re-edministered to patients who have had angioedema. Renal: Impaired renal function, renal failure
 Dermatologic: Alopecia
 Nervous System: Syncope
 sis II recent plackers
 - Digestive: Elevated liver enzymes and very rare reports of hepatitis Clinical Laboratory Tests: Hyperkalaemia
- Vascular: Vasculitis Nervous System: Rare cases of rhabdomyolysis have been reported in patients receiving angiotensin II receptor blockers.

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OVERDOSE:

210mm

Amodipine: If ingestion is recent, induction of vomiting or gastric lavage may be considered. Administration of activated charcoal to healthy volunteers immediately or up to two hours after ingestion of amoldipine has been shown to significantly decrease amlodipine absorption. Amlodipine is unlikely to be removed by haemodialysis. Valsartan: Valsartan is unlikely to be removed by haemodialysis. Valsartan: Hydrochlordthazide: Overlose with hydrochlordthiazide is associated with electrolyte depletion (hypokalaemia, hypochloraemia) and hypovolaemia resulting from excessive diversis. The degree to which hydrochlorothiazide is removed by haemodialysis has not been established.

PHARMACOLOGICAL PROPERTIES PHARMACODYNAMIC PROPERTIES

Pharmacotherapeutic group: Agents acting on the renin-angiotensin system, angiotensin II antagonists, other combinations, ATC code: C09DX01

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PHARMACOKINETIC PROPERTIES

PHARMACOKINETIC PROPERTIES: Amiodipine Absorption, Distribution, Biotransformation, Elimination: Peak plasma concentrations of amiodipine are reached in 6-12 hours. Absolute bioavailability has been calculated as between 64% and 80%. Volume of distribution is approximately 21 l/kg. Amiodipine is extensively (approximately 90%) metabolised in the liver to inactive metabolites. Elimination from plasma is biphasic, with a terminal elimination half-life of approximately 30 to 30 hours. Sheady-state plasma levels are reached after continuous administration for 7-5 days. 10% or original amiodipine and 60% or olimidation diversity of approximately 30 to 30 hours. Sheady-state plasma levels are reached after continuous administration for 7-5 days. 10% original amiodipine and 60% or olimidations of valsartan and the intervenous administration is about to low associations of valsartan are reached in 24 hours. Mean absolue bioavaitability is 25%. The steady-state volume of distribution of valsartan after intravenous administration is about 71 lites, indicating flat valsartan does not distribute into tissues extensively. Valsartan is highly bound to serum proteins (94-37%), mainy serum albumin. Valsartan is not transformed to a high extent as only about 20% of does is recovered as metabolites. Valsardan is primarily eliminated in faces (about 35% of doe) and urine (about 13% of total clearance). The half-lite of valsartan is Polouxing intravenous administration, plasma chearance of valsartan is about 21 hand is renal clearance is 0.62 l/h (about 30% of total clearance). The half-lite of valsartan is bound.

p nous: Hydrochlorothiazide Absorption, Distribution, Biotransformation, Elimination: The absorption of hydrochlorothiazide, after an oral dose, is rapid (Tmax about 2 hours). The increase in mean AUC is linear and dose proportional in the therapeutic range. The effect of food on hydrochlorothiazide absorption, if any, has little clinical significance. Absolute bioavailability of hydrochlorothiazide is 70% after oral administration. The apparent volume of distribution is 4.8 Hgc. Circulaing hydrochlorothiazide is bound to serum proteins (40-70%), mainly serum albumin. Hydrochlorothiazide also accumulates in erythrocytes at approximately 3 times the level in plasma. Hydrochlorothiazide is eliminated madominarelly as unchanged onescuend. predominantly as unchanged compound.

SHELF LIFE: ee expiry on the pack

AVAILABILITY

AVAILABILIT Quate²VIEW tablet 5mg/160mg/12.5mg in a pack of 28's Duate²VIEW tablet 5mg/160mg/25mg in a pack of 28's Duate²VIEW tablet 10mg/160mg/12.5mg in a pack of 28's Duate²VIEW tablet 10mg/160mg/12.5mg in a pack of 28's mato -V LOW tablet 10mg/320mg/25mg in a pack of 14's

INSTRUCTIONS

Desage: As advised by the physician. To be sold on the prescription of registered medical practitioner. Keep out of reach of children. Avoid exposure to heat, light and humidity. Store between 15 to 30°C. Improper storage may deteriorate the medicine.

Full Prescribing Information available on www.samipharmapk.com



أنالو-وى اتكامانى ليبلط (ايملو ڏينين بيسيليٺ + دالسارڻن + پائنڈ روکلو روتھا ئيز ائنڈ)

خوراک: ڈاکٹر کی ہدایت کے مطابق استعال کریں۔ صرف دجٹرڈ ڈاکٹر کے نسخ کے مطابق فروخت کریں۔ بچوں کی پینچ سے دوررکھیں۔

. دواکوگرمی، روشنی اورنمی ہے محفوظ ۵ اسے • ۳ ڈ گری سینٹی گریڈ کے درمیان میں رکھیں ورنہ دواخراب ہوجا ئیگی۔ R N-01/NA/05/2021

120mm