PRESCRIBING INFORMATION: For the use of a Registered Medical Practitioner or a CYP3A inducers

Ticastro-AS (COMBIKIT OF TICAGRELOR TABLETS 90 mg AND ASPIRIN GASTRO-RESISTANT TABLETS IP 75 mg)

COMPOSITION

- Each Kit Contains: A) 14 Ticagrelor Tablets IP 90 mg Each film coated tablet contains: 90 m
- Ticagrelor IP 90 mg Colours: Ferric Oxide Yellow USP-NF & Titanium Dioxide IP Excipients: Q.S. B) 7 Aspirin Gastro-resistant Tablets IP 75 mg
- Each enteric coated tablet contains
- Aspirin IP 75 mg Colours: Lake of Sunset Yellow FCF & Titanium Dioxide IP Excipients 0.S
- 1 DOSAGE FORM AND STRENGTH: TABLETS
- Ticagrelor Tablets 90 mg
 Aspirin Gastro-resistant Tablets IP 75 mg

2 CLINICAL PARTICULARS

2 CLINICAL PARTICULARS 2.1 Therapeutic indications For the prevention of thrombotic events (cardiovascular death, myocardial infarction and stroke) in patients with acute coronary syndromes (ACS) including patients managed medically, and those who are managed with percutaneous coronary intervention (PCI) or coronary artery by-pass grafting (CABG) where both ticagrelor and aspirin are required. 2.2 Posology and method of administration After an ACS event, administer one tablet of ticagrelor 90 mg twice daily and one tablet of aspirin 75mg once daily. It is for oral use only. Do not crush, cut or chew tablets. Swallow whole. Ticagrelor can be administered with or without food. Aspirin tablets should preferably be taken after meals, with plenty of liquid. Do not administer ticagrelor with another oral P2Y12 platelet inhibitor. 2.3 Contraindications

- Do not administer ticagrelor with another oral P2Y12 platelet inhibitor.
 2.3 Contraindications
 Hypersensitivity to the ticagrelor or acetylsalicylic acid (ASA) or non-steroidal anti-inflammatory drugs (NSAIDs) or analgesics or antipyrics or salicylic acid compounds or prostaglandin synthetase inhibitors (e.g. certain asthma patients who may suffer an attack or faint and certain patients who may suffer from bronchospasm, rhinitis and urticaria) or to any of the excipients.
 Active pathological bleeding.
 Co-administration of ticagrelor with strong CYP3A4 inhibitors (e.g. ketoconazole, clarithromycin, nefazodone, ritonavir and atzaanavir), as co-administration of tieagrelor with strong CYP3A4 inhibitors (e.g. ketoconazole, clarithromycin, nefazodone, ritonavir and atzaanavir), as co-administration of tieagrelor utceration and/or gastric/intestinal haemorrhage, or other kinds of bleeding such as cerebrovascular or intracranial haemorrhages.
 Haemorrhagic diathesis; coagulation disorders such as haemophilia and thrombocytopeniaro concurrent anticoagulant therapy.
 Patients who are suffering from gout.
 Severe renal impairment.
 Do not give to children aged under 16 years, unless specifically indicated (e.g. for Kawasaki's disease).
 Doses >100 mg/day during the third trimester of pregnancy; Methotrexate used at Oses > 150 mg/dayeki.
 24 SpecialWarnings and PrecautionsFor Use <u>Ticagrelor</u>
 Bieeding risk

Traggrebor Ticagrebor Bleeding risk The use of ticagrebor in patients at known increased risk for bleeding should be balanced against the benefit in terms of prevention of atherothrombotic events. If clinically indicated, ticagrebor should be used with caution in the following patient groups:

be balanced against the benefit in terms of prevention of atherothrombotic events. If clinically indicated, ticagrelor should be used with caution in the following patient groups:
Patients with a propensity to bleed (e.g. due to recent trauma, recent surgery, coagulation disorders, active or recent gastrointestinal bleeding). The use of ticagrelor is contraindicated in patients with active pathological bleeding, in those with a history of intracranial haemorrhage, and in patients with severe hepatic impairment.
Patients with concomitant administration of medicinal products that may increase the risk of bleeding (e.g. non-steroidal anti-inflammatory drugs (NSAIDs), oral anticoagulants and/or fibrinolytics) within 24 hours of ticagrelor dosing.
Platelet transfusion did not reverse the antiplatelet effect of ticagrelor in healthy volunteers and is unlikely to be of clinical benefit in patients with descores and is unlikely to be of clinical benefits with other descores the manging clinical bleeding (sum concostais). Antifibrinolytic therapy (aminocaproic acid or tranexamic acid) and/or recombinant factor VIIa therapy may increase haemostasis. Ticagrelor may be resumed after the cause of bleeding has been identified and controlled.

Antifibrinolytic therapy (aminocaproic acid or tranexamic acid) and/or recombinant factor VIIa therapy may increase haemostasis. Ticagrelor may be resumed after the cause of bleeding has been identified and controlled. **Surgery**Patients should be advised to inform physicians and dentists that they are taking ticagrelor before any surgery is scheduled and before any new medicinal product is taken.
In clinical trial with patients undergoing coronary artery bypass grafting (CABG), ticagrelor had more bleeding than clopidogrel when stopped within 1 day prior to surgery ut a similar rate of major bleeds compared to clopidogrel effer stopping therapy 2 or more days before surgery. If a patient is to undergo elective surgery and antiplatelet effect is not desired, ticagrelor should be discontinued 5 days prior to surgery.
Patients with prior ischaemic stroke CA CAC patients with prior ischaemic stroke were not included. Therefore, in the absence of data, treatment beyond one year is not recommended in these patients.
Patients at the for ischaemic stroke can be treated with ticagrelor for up to 12 months.In clinical trial, patients with history of MI with prior ischaemic stroke were not included. Therefore, in the absence of data, treatment beyond one year is not recommended in these patients.
Patients at risk for bradycardic events
Hotter ICG monitoring has shown an increased frequency of mostly asymptomatic ventricular pauses during treatment with ticagrelor compared with clopidogrel. Patients with an increased risk of bradycardic events (e.g. patients with equilar patients.
In addition, caution should be exercised when administering ticagrelor should be used with clopidogrel. Patients with an increase sety and efficacy of ticagrelor. Therefore, due to the limited clinicalexperience, ticagrelor should be used with clopidogrel. Patients with a more readicial.
No did degree AV block or bradycardic experientes with election or bardycardic experients.
In addition, caution should be exercised when administering ticagrelo

Dyspncea was reported in patients treated with ticagrelor. Dyspncea is usually mild to moderate in intensity and oftenresolves without need for treatment discontinuation. Patients with asthmac/thronic obstructive pulmonary disease(COPD) may have an increased absolute risk of experiencing dyspncea with ticagrelor. Ticagrelor should be used withcaution in patients with history of asthma and/or COPD. The mechanism has not been elucidated. If a patient reportsnew, prolonged or worsened dyspncea this should be investigated fully and if not loterated, treatment with ticagrelorshould be stopped.

and if not tolerated, treatment with ticagretorsnouic us support. <u>Creatinine levels may</u> increase during treatment with ticagretor. The mechanism has not been elucidated. Renal functionshould be checked according to routine medical practice. In patients with ACS, it is recommended that renal function isalso checked one month after initiating the treatment with ticagretor, paying special attention to patients ≥ 75 years, patients with moderate/severe renal impairment and those receiving concomitant treatment with an angiotensin receptorblocker (ARB). It is cardid increase

CYP3A inducers Co-administration of rifampicin with ticagrelor decreased ticagrelor C_{max} and AUC by 73% and 86%, respectively. The C_{max} of the active metabolite was unchanged and the AUC was decreased by 46%, respectively. Other CYP3A inducers(e.g. phenytoin, carbamazepine and phenobarbital) would be expected to decrease the exposure to ticagrelor as well. Co-administration of ticagrelor with potent CYP3A inducers may decrease exposure and efficacy of ticagrelor, therefore, their concomitant use with ticaarrelor is discouraged.

exposure and efficacy of tragrelor, therefore, their concomitant use with ticagrelor is discouraged. Cyclosportine (P-gp and CYP3A inhibitor) Co-administration of cyclosporine (600 mg) with ticagrelor increased ticagrelor C_{ma} and AUC equal to 2.3-fold and 2.8-fold, respectively. The AUC of the active metabolite was increased by 32% and C_{ma} was decreased by 15% in thepresence of cyclosporineard moderate CYP3A4 inhibitors (e.g. verapamil, quinidine) that also may increase ticagrelor exposure. If theassociation cannot be avoided, their concomitant use should be made with caution with caution.

Others Clinical pharmacology interaction studies showed that co-administration of Clinical pharmacology interaction studies showed that co-administration of ticagreior with heparin, enoxaparin and ASAor desmopressin did not have any effect on the pharmacokinetics of ficagreior or the active metabolite or on ADPinducedplatelate aggregation compared with ticagreior alone. If clinically indicated, medicinal products that alterhaemostasis should be used with caution in combination with ticagreior. A delayed and decreased exposure to oral P2Y12 inhibitors, including ticagrefor and its active metabolite, has beenobserved in patients with ACS treated with morphine (35% reduction in ticagreior exposure). This interaction may berelated to reduced gastrointestinal mobility and apply to other opioids. The clinical relevance is unknown, but dataindicate the potential for educed ticagreior efficacy in patients co-administered ticagreior Others

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Effects of ticagrelor on other medicinal products Medicinal products metabolised by CYP3A4

Effects of ticagrelor on other meancinal products
 Medicinal products metabolised by CYP3A4
 Simvastatin – Co-administration of ticagrelor with simvastatin increased simvastatin acid C_m by 64% and AUC by 55% and increases equal to 2- to 3-fold. Coadministration of ticagrelor with doses of simvastatin and should be weighed against potential benefits. There was no effect of simvastatin. The concomitant use of ticagrelor may have similar effect on lovastatin. The concomitant use of ticagrelor may have similar effect on lovastatin acid C_m by 63% and AUC by 55% and AUC by 55% some individual increases and the should be weighed against potential benefits. There was no effect of simvastatin on ticagrelor plasmalevels. Ticagrelor may have similar effect on lovastatin greater than 40 mg is not recommended.
 Atorvastatin acid C_m by 23% and AUC by 35%. Similar increases in AUC and C_m were observed for allatorvastatin acid metabolites. These increases are notonsidered clinically significant.
 A similar effect on other statins metabolised by CYP3A4 cannot be excluded. Patients inPLATO receiving ticagrelorok a variety of statins, with no concern of an association with statin safety among the 93% of the PLATO cohort takingthese medicinal products.

With the concern of all absolution with status allery entropy the 30% of the PLATC cohort taking these medicinal products. Treagretor is a mild CYP3A4 inhibitor. Co-administration of ticagretor and CYP3A4 substrates with narrow therapeuticindices (i.e. cisapride or ergot alkaloids) is not recommended, asticagretor may increase the exposure to

Alkaloids) is not recommended, asticagelor may increase the exposure to these medicinal products. *P-gp substrates (including digoxin, cyclosporine)* Concomitant administration of ticagrelor increased the digoxin C by 75% and AUC by 26%. The mean trough digoxinlevels were increased about 30% with ticagrelor co-administration with some individual maximum increases to 2 fold. Inthe presence of digoxin, the C and AUC of ticagrelor and its active metabolite were not affected. Therefore appropriate dimical and/or tiboratory monitoring is recommended when giving narrow therapeutic index P-gp dependentmedicinal products like digoxin concomitantly with ticagrelor or the P-gp substrates has not beenstudied. *Medicinal products metabolises dby CY2C9* Co-administration of ticagrelor on cyclosporine blood levels. Effect of ticagrelor on other P-gp substrates has not beenstudied. *Medicinal products metabolised by CY2C9* Co-administration of ticagrelor and unlikely to after the CYP2C9 module metabolism of medicinal products like warfarin and tolbutamide. *Creat CyP2C9* Co-administration of ticagrelor and unlikely to after the CYP2C9 mediated metabolism of medicinal products like warfarin and tolbutamide. *Creat CyP2C9*

Co-administration of ticagrelor and levonorgestrel and ethinyl estradio

Co-administration of ticagrelor and levonorgestrel and ethinyl estradiol increased ethinyl estradiol exposureapproximately 20% but did not alter the pharmacokinetics of levonorgestrel. No clinically relevant effect on oralcontraceptive efficacy is expected when levonorgestrel and ethinyl estradiol are co-administered with ticagrelor. *Medicinal products known to induce bradycardia* Due to observations of mostly asymptomatic ventricular pauses and bradycardia, caution should be exercised whenadministering ticagrelor concomitantly with medicinal products known to induce bradycardia. However,no evidence of clinically significant adverse reactions was observed in the PLATO trial after concomitant administrationwith one or more medicinal products known to induce bradycardia (e.g. 96%, beta blockers, 33% calcium channelblockers dilitazem and verapamil and 4% digoxin). *Other concomitant therapy*

33% calcum channelolockers dilazem and verapamil and 4% algoxin). Other concomitant therapy In clinical studies, ticagrelor was commonly administered with ASA, proton pump inhibitors, statins, beta-blockers, angiotensin converting enzyme (ACE) inhibitors and angiotensin receptor blockers as needed for concomitant conditionsfor long-term and also heparin, low molecular weight heparin and intravenous Gplib/IIIa inhibitors for short durations. No evidence diclinically intravenous GplIb/IIIa inhibitors for short durations. No evidence otclinically significant adverse interactions with these medicinal products was observed. Co-administration of ticagrelor with heparin, enoxaparin or desmopressin had no effect on activated partialthromboplastin time (aPTT), activated coagulation time (ACT) or factor Xa assays. However, due to potentialpharmacodynamic interactions, caution should be exercised with the concomitant administration of ticagrelor withmedicinal products known to alter haemstasis.

auet nearmostasis. Due to reports of cutaneous bleeding abnormalities with SSRIs (e.g. parxxetine, sertraline and citalopram), caution isadvised when administering SSRIs with ticagrelor as this may increase the risk of bleeding.

Aspirin Contraindicated combinations Methotrexate (used at doses >15 mg/week):

memotrexate (used at doses >15 mg/week): The combined drugs, methotrexate and acetylsalicylic acid, enhance haematological toxicity of methotrexate due to the decreased renal clearance of methotrexate by acetylsalicylic acid. Therefore, the concomitant use of methotrexate (at doses >15 mg/week) with Aspirin 75 mg tablets is contraindicated.

Writercommended combinations Not recommended combinations Uricosuric agents, e.g. probenecid and sulfinpyrazone: Salicylates reverse the effect of probenecid and sulfinpyrazone. The combination should be auricled combination should be avoided

combination should be avoided. Combinations requiring precautions for use or to be taken into account Anticoagulants e.g. coursain, heparin, warfarin and phenindione: Increased risk of bleeding due to inhibited thrombocyte function, injury of the duodenal mucosa and displacement of oral anticoagulants from their plasma protein binding sites. The bleeding time should be monitored. Anti-platelet agents (e.g. clopidogrel and dipyridamole) and selective serotonin re-uptake inhibitors (SSR)s; such as setraline or paroxetine): Increased risk of gastrointestinal bleeding. Antidiabetics, e.g. sulphonylureas: Salicylics may increase the hypoglycaemic effect of sulphonylureas. Digoxin and lithium:

Digoxin and lithium:

Digoxin and lithium: Acetysalicylic acid impairs the renal excretion of digoxin and lithium, resulting in increased plasma concentrations. Monitoring of plasma concentrations of digoxin and lithium is recommended when initiating and terminating treatment with acetylsalicylic acid. Dose adjustment may be necessary. Diuretics and antihypertensives: NSAIDs may decrease the antihypertensive effects of diuretics and other antihypertensive agents. Patients with hypertension should be carefully monitored. As for other NSAIDs concomitant administration with ACE-inhibitors increases the risk of acute renal insufficiency. Diuretics: Risk of acute renal failure due to the decreased glomerular filtration via decreased renal prostaglandin synthesis. Hydrating the patient and monitoring renal function at the start of the treatment is recommended. Other non-steroidal anti-inflammatory drugs (NSAIDs):

Other non-steroidal anti-inflammatory drugs (NSAIDS): Concurrent administration can increase side effects. Use of two or more

NSAIDs increases risk of gastrointestinal haem Ibuprofer

Experimental data suggest that ibuprofen may inhibit the effect of low dose Experimental data suggest that human the entry of the suggest of t

the Treatment with no concomitant treatment with an angiotensin receptorblocker (ARB). <u>Uric acid increase</u> hyperuricaemia may occur during treatment with ticagrelor. Caution is advised in patients with historyof hyperuricaemia or gouty arthritis. As precautionary measure, the use of ticagrelor. Caution is advised in patients with historyof hyperuricaemia or gouty arthritis. As precautionary measure, the use of ticagrelor in patients with uric acidnephropathy is discouraged. <u>Thrombotic Thrombocytopenic Purpura (TTP)</u> Thrombotic Thrombocytopenic Purpura (TTP) has been reported very rarely with the use of ticagrelor. It is characterized by thrombocytopenia arease of concomitant use of NSAIDs and ciclospor microangiopathic haemolytic anaemia associated with either neurological findings, renaidysfunction or fever. TTP is a potentially fatal condition thrombocytopenia (HIT) In the heparin induced platelet activation (HIPA) test used to diagnose heparin induced thrombocytopenia (HIT) False negative results in a platelet function tests. to diagnose heparin. False negative results in a platelet function tests (to include, but may not be limited to the HIPA test by ticagrelor in the patients serapliansi foromation on concomtant treatment with ticagrelor is required to anorplatelets in the tests by ticagrelor in the patients seraplication in patients who have devoloped HIT, the benefit-risk of continued treatment with ticagrelor. This is related to inhibition of the P2Y12-receptor on the heatthis formation on concomtant treatment with ticagrelor is required to and releveloped HIT. In patients who have devoloped HIT, the benefit-risk of continued treatment with ticagrelor should be assessed, taking both the prothrombotic state of HIT and the increased risk of bleeding with concomitant anticoagulant and ticagrelor treatment into consideration. **Durine** Based on a relationship observed in clinical trial between maintenance ASA

Citagrelor treatment into consideration. Other Based on a relationship observed in clinical trial between maintenance ASA dose and relative efficacy of ticagrelor compared to clopidogrel, co-administration of ticagrelor and high maintenance dose ASA (>300 mg) is an accommended.

Premature discontinuation with any antiplatelet therapy could result in an increased risk of cardiovascular (CV) death, MI or stroke due to the patient's underlying disease. Therefore, premature discontinuation of treatment should be avoided.

Aspirin Aspirin 75 mg tablets are not suitable for use as an anti-inflammatory/

Caption or mig tablets are not suitable for use as an anti-inflammatory/ analgesic/antipyretic. Caution should be exercised in patients with allergic disease, impairment of hepatic or renal function (avoid if severe) and dehydration, since the use of NSAIDs may result in deterioration of renal function. Liver function tests should be performed regularly in patients presenting slight or moderate hepatic insufficiency.

Novices the performed regularly in patients presenting slight or moderate hepatic insufficiency. Asprin may also precipitate bronchospasm or induce attacks of asthma in susceptible subjects or promote other hypersensitivity reactions. Risk factors are existing asthma, hay fever, nasal polyps or chronic respiratory diseases. The same applies for patients who also show allergic reaction to other substances (e.g. with skin reactions, itching or urticaria). Serious skin reactions, including Steven-Johnsons syndrome, have rarely been reported in association with the use of acetylsalicylic acid. Aspirin Tablets should be discontinued at the first appearance of skin rash, mucosal lesions, or any other sign of hypersensitivity. The elderly may be more susceptible to the toxic effects of salicylates. Continuous prolonged use of aspirin should be avoided in the elderly because of the risk of gastrointestinal bleeding and perforation which may be fatal. Where prolonged therapy is required, patients should be orce. Aspirin 75 mg tablets is not recommended during menorhagia where it may increase menstrual bleeding the morthagis approximation and therefore it should be discontinued several days before scheduled surgical procedures. Haematological and haemorrhagis defices can occur, and may be severe. Les with caution before surgery, including tooth extraction. Patients should be the surgical procedures. Haematological and haemorrhagic offects can occur, and may be severe.

Interfolde it should be discontinued several days bucket sensitive days procedures. Haematological and haemornkagic effects can occur, and may be severe. Use with caution before surgery, including tooth extraction. Patients should report any unusual bleeding symptoms to their physician. Care is advised when stopping antiplatelet therapy after stent insertion either after a fixed period of time or in preparation for a planned surgical procedure, as the balance between stent thrombosis and excessive bleeding has to be carefully assessed. There is a possible association between aspirin and Reye's Syndrome when given to children. Reye's syndrome is a very rare disease, which affects the brain and liver, and can be fatal. For this reason aspirin should (e.g. for Kawasaki's disease). Aspirin is to be used with cautions of hypertension and patients with a stomach uber or a history of stomach ulcers or duodenal ulcer or haemorrhagic episodes or undergoing therapy with anticoagulants. Patients should report any unusual bleeding symptoms to their physicain. If gastrointestinal bleeding or ulceration occurs the treatment should be withdrawn. Before commencing long term aspirin therapy for the management of cardiovascular or cerebrovascular disease patients should consult their doctor who can advise on the relative benefits versus the risks for the individual patient. Concomitant treatment with Aspirin and other drugs that alter haemostasis fig. a mirroaqulants such as warfarin thrombolytic an antigatelet agents.

Ticagrelor is primarily a CYP3A4 substrate and a mild inhibitor of CYP3A4. Ticagrelor is slos a P-glycoprotein (P-gp)substrate and a weak P-gp inhibitor and may increase the exposure of P-gp substrates. Effects of medicinal and other products on ticagrelor CYP3A4 inhibitors

- Effects of medicinal and other products on ticagrelor
 CYP3A4 inhibitors
 Strong CYP3A4 inhibitors Co-administration of ketoconazole with ticagrelor increased the ticagrelor C_m and AUCequal to 2.4-fold and 7.3-fold, respectively. The C_m and AUCequal to 2.4-fold and to have similar effects and therefore concominant use of strong CYP3A4 (anhibitors with ticagrelor is contraindicated.
 Moderate CYP3A4 inhibitors Co-administration of diltizazem biana levels.
 Consequently, acetylsalicylic acid at doses of 100 mg/day and higher is contraindicated during the third trimester of pregnancy.
 Brastfeeding
 A sapirin is excreted in breast milk, Aspirin should not be taken by patients who are breast-feeding, as there is a rak of Reye's syndrome in the infant. High metanal doses may impair platelet function in the infant.
 Terrewas no effect of chargerior o is contraindicated.
 Moderate CYP3A4 inhibitors Co-administration of diltizazem biana levels.
 There was no effect of ticagrelor on diltizazem biana levels.
 A 2-fold increase of ticagrelor exposure was observed after daily consumption of largequentities of grapefruit juice(3200 ml). The most commonly reported (very common [≥1/10] and common [≥1/100 to <1/10] and and/or clinically relevant treatment-lealed adverse drug reactions (ADRs) were blood disorder bleedings, hyperuricemia, gout/gouty

to be likely tor occasional louprolen use. Ciclospoin, tacrolimus: Concomitant use of NSAIDs and ciclosporin or tacrolimus may increase the nephrotoxic effect of ciclosporin and tacrolimus. The renal function should be monitored in case of concomitant use of these agents and acetylsalicylic acid.

Include the case of concomitant use of these agents and acetylsalicylic acid. Systemic Corticosteroids: The risk of gastrointestinal bleeding and ulceration is increased when acetylsalicylic acid and corticostetoids are coadministered. Corticosteroids reduce the plasma salicylate concentration and salicylate toxicity may occur following withdrawal of corticosteroids. Methotrexate (used at doses <15 mg/week): The combined drugs, methotrexate ad acetylsalicylic acid, may increase haematological toxicity of methotrexate due to decreased renal clearance of methotrexate by acetylsalicylic acid. Weekly blood count checks should be done during the first weeks of the combination. Enhanced monitoring should take place in the presence of even mildly impaired renal function, as well, as in elderly. *Carbonic anhydrase inhibitors*: Reduced excretion of acetazolamide; salicylate intoxication has occurred in patients on high dose salicylate rendes and carbonic anhydrase inhibitors.

Reduced excellent of acetazolarinde, sancyate intoxication has occured in patients on high dose salicylate regimes and carbonic anhydrase inhibitors. Concurrent administration of carbonic anhydrase inhibitors such as acetazolaride and salicylates may result in severe acidosis and increased

The excretion of aspirin is increased in alkaline urine; kaolin possibly reduces absorption. Antacids will reduce the effect of aspirin. Principle incompatibilities are iron salts, carbonates and alkali hydroxides. Mifepristone:

The manufacturer of mifepristone recommends that aspirin should be avoided until eight to twelve days after mifepristone has be Alcohol

Concomitant administration of alcohol and acetylsalicylic acid increases the risk of gastrointestinal bleeding. Antie etics:

Metoclopramide enhances the effects of aspirin by increasing the rate of absorption

absorption. Anti-epileptics: Salicylate diminishes the binding of phenytoin to plasma albumin. This may lead to decreased total phenytoin levels in plasma, but increased free phenytoin fraction. The unbound concentration, and thereby the therapeutic effect, does not appear to be significantly altered. Acetylsalicylic acid has been reported to decrease the binding of valproate to serum albumin, thereby increasing its free plasma concentrations at steady state. Leukotriene antagonists: The plasma concentration of zafirlukast is increased. Antibacterials:

The toxicity of sulphonamides may be increased. Thyroid function tests:

Thyroid function tests: Aspinin may interfere with thyroid function tests. 2.6 Use in special populations (such as pregnant women, lactating women, pediatric patients, geriatric patients etc.) <u>Tragretor</u> <u>Women of childbearing potential/Contraception in males and females</u> Women of childbearing potential should use appropriate contraceptive measures to avoid pregnancy during ticagretor therapy. <u>Pregnancy</u>

Pregnancy There are no or limited amount of data from the use of ticagrelor in pregnant There are no or limited amount of data from the use of ticagrelor in pregnant

women. Studies in animals have shown reproductiv not recommended during pregnancy.

not recommended during pregnancy. <u>Breast-Feeding</u> Available pharmacodynamic/toxicological data in animals have shown excretion of ticagrelor and its active metabolites in milk. A risk to newborns/infanits cannot be excluded. A decision must be made whether to discontinue breast-feeding or to discontinue/abstain from ticagrelor therapy taking into account the benefit of breast-feeding for the child and the benefit of therapy for the woman. Fertility

Fertility Ticagrelor had no effect on male or female fertility in animals.

Care is advised when stopping antiplated therapy after stent insertion either after a fixed period of time or in preparation for a planned surgical procedure as the balance between steint thrombosis beleding has beleding has beleding has beleding has one solution association between aspirin and Reye's Syndrome when given to children. Reye's syndrome is a very rare disease, which affects the brain and liver, and can be fatal. For this reason aspirin should call to be used with caudion in cases of hypertension and patients with stomach ulcer or a history of stomach ulcers or duodenal ulcer or haemorrhaging pisodes or undergroing therapy with anticoagulants. Patients should consult there individual patient. Concomitant treatment should be withdrawn. Before commended, unless stictly indicated, because ther drugs that alter haemostasi (i.e. anticoagulants. Patients should consult there individual patient. Concomitant treatment with Aspirin and other drugs that alter haemostasi (i.e. anticoagulants. Patients should consult there individual patient. Concomitant treatment with Aspirin and other drugs that alter haemostasi (i.e. anticoagulants. Patients should consult there individual patient. Concomitant treatment with Aspirin and other drugs that alter haemostasi (i.e. anticoagulants. patients should consult there individual patient. Concomitant treatment with Aspirin and other drugs that alter haemostasi (i.e. anticoagulants such as warfarin, thrombolytic and antiplatelet agents anti-inflammended. (i.e. anticoagulants such as warfarin, thrombolytic and antiplatelet agents anti-inflammended. (i.e. anticoagulants such as warfarin, thrombolytic and antiplatelet ageints who tend to have reduced unc acid excretion. Due to this fact of haemorthage. If the combination, such as oral coricostererists elective serotonin-reuptake inhibitors, is no and coricostererists elective serotonin-reuptake inhibitors, and a soral coricostererists selective serotonin euptake inhibitors, and a coll excretion may experience gatacts. The risk

oligo-hydroamniosis; the mounter and and the sector of the

		Approved by			
Department	PMQC	R.A.	Packing Dev.	Q.A.	Head Q.A.
Signature					
Date					

During the third timester of pregnancy, all prostagramments in a patients who tend to have reduced unc acid exceedent in a patients who tend to have reduced unc acid exceedent in a patients who tend to have reduced unc acid exceedent in a patient should be avoided in late pregnancy and generally during breast
 2 5 Druid Interactions



Product Name : Ticastro-AS : 125 x 580 (mm) Front Side Size No. of Col. : 1 Date : 02/07/22

File name : 92 1850 0 9405950-Ticastro-AS KIT-PIL Col. Shade No.: Pantone Black

arthritis, dizziness, syncope, headache, vertigo, hypotension, dyspnoea, respiratory system bleedings, gastrointestinal haemorrhage, diarrhoea, nausea, dyspepsia, constipation, subcutaneous or dermal bleeding, rash, pruntus, unnary tract bleeding, blood creatinine increased, post procedural haemorrhage, traumatic bleedings. verv commor

Othe reported adverse reactions(uncommon [≥1/1.000 to <1/100] and not Known frequency) are as following turnour bleedings, hypersensitivity including angioedema, confusion, intracranial haemorrhage, eye haemorrhage, ear haemorrhage, retroperitoneal haemorrhage, muscular bleeding, reproductive system bleeding, thrombotic thrombocytopenic purpura.

Aspirin Side effects are grouped on the basis of System Organ Class. Within each system organ class the frequencies are defined as: very common (\geq 1/10), common (\geq 1/100 to <1/10), uncommon (\geq 1/1.000 to <1/100). rare (\geq

1/10,000 to <1/1,000 estimated from the av), very rare (<1/10,000) and not known (cannot be vailable data).
Blood and lymphatic system disorders	Common:Increased bleeding tendencies. Rare:Thrombocytopenia, granulocytosis, aplastic anaemia. Not known:Cases of bleeding with prolonged bleeding time such as epistaxis, haematuria,purpura, ecchymoses, haemoptysis, haemature, cerebral haemorrhage andigingival bleeding. Symptoms may persist for a period of 4–8 days after acetysalicytic aciddiscontinuation. As a result there may be an increased risk of bleeding duringsurgical procedures. Aspirin decreases platelet adhesiveness and, in large doses, may causehypoprothrombinaemia. Existing (haematemesis, melaena) or occult gastrointestina bleeding, which maylead to ion deficiency anaemia (more common at higher doses). Haemolytic anaemia can occur in patients with glucose-6-phosphate dehydrogenase (G6PD)
Immune system disorders	deficiency. Rare:Hypersensitivity reactions, skin rashes, urticarial, asthma, bronchospasm, angiooedema,allergic oedema, anaphylactic reactions including shock
Metabolism and digestive systemalisorders	Not known:Hyperuricemia.
Nervous system disorders Ear and labyrinth	Rare:Intracranial haemorrhage. Not known:Headache, vertigo. Not known:Reduced hearing ability, tinnitus.
Vascular disorders Respiratory, thoracic and mediastinal	Rare:Hemorrhagic vasculitis. Uncommon:Rhinitis, dyspnoea. Rare:Bronchospasm, asthma attacks.
disorders Reproductive System and mammary disorders	<i>Rare</i> :Menorrhagia.
Gastrointestinal disorders	Common: Dyspepsia. Rare: Severe gastrointestinal haemorrhage, nausea, vomiting, gastritis. Not known: Gastric or duodenal ulcers and perforation, diarrhoea.
Hepatobiliary disorders	Not known: Hepatic insufficiency.
Ckin and	Upcommon: Urtigoria

Rare: Steven-Johnsons syndrome, Lyells syndrome ubcutaneous purpura, erythema nodosum, erythema multiforme. Not known: Impaired renal function, salt and water tissue disorders l and urinary retention, urate kidney stones. tract disorders

2.9 Overdose

Treagrelor is well tolerated in single doses up to 900 mg. Gastrointestinal toxicity was dose-limiting in a single ascending dose study. Other clinically meaningful adverse reactions which may occur with overdose include dysphoea and ventricular pauses. In the event of an overdose, the above potential adverse reactions could

In the event of an overdose, the above potential adverse reactions could occur and ECG monitoring should be considered. There is currently no known antidote to reverse the effects of ticagrelor, and ticagrelor is not dialyzable. Treatment of overdose should follow local standard medical practice. The expected effect of excessive ticagrelor dosing is prolonged duration of bleeding risk associated with platelet inhibition. Platelet transitions is unlikely to be of clinical benefit in patients with bleeding. If bleeding occurs other appropriate supportive me should be taken. asures

Salouto be lakeli. <u>Aspirin</u> Salicylate poisoning is usually associated with plasma concentrations >350 mg/L (2.5 mmol/L). Most adult deaths occur in patients whose concentrations exceed 700 mg/L (5.1 mmol/L). Single doses less than 100 mg/kg are unlikely to cause serious poisoning.

Symptoms Common features include vomiting, dehydration, tinnitus, vertigo, deafness, sweating, warm extremities with bounding pulses, increased respiratory rate and hyperventilation.

and hyperventitation. Some degree of acid-base disturbance is present in most cases. A mixed respiratory alkalosis and metabolic acidosis with normal or high arterial pH (normal or reduced hydrogen ion concentration) is usual in adults or children over the age of four years. In children aged four years or less, a dominant metabolic acidosis with low arterial pH (raised hydrogen ion concentration) is common. Acidosis may increase salicylate transfer the blood brain barrier.

the blood brain barrier. Uncommon features include haematemesis, hyperpyrexia, hypoglycaemia, hypokalaemia, thrombocytopenia, increased INR/PTR, intravascular coagulation, renal failure and non-cardiac pulmonary oedema. Central nervous system features including confusion, disorientation, coma and convulsions are less common in adults than in children.

and convulsions are less common in adults than in children. Treatment Give activated charcoal if an adult presents within one hour of ingestion of more than 250 mg/kg. The plasma salicylate concentration should be measured, although the severity of poisoning cannot be determined from this alone and the clinical and biochemical features must be taken into account.

adre and the climination is increased by urinary alkalitations must be taken must be deministration is increased by urinary alkalitation, which is achieved by the administration of 1.26% sodium bicarbonate. The urine pH should be monitored. Correct metabolic acidosis with intravenous 8.4% sodium bicarbonate (first check serum potassium). Forced diuresis should not be used since it does not enhance salicylate excretion

and any actual pulmonary oedema. Haemodialysis is the treatment of choice for severe poisoning and should be considered in patients with plasma salicylate concentrations >700 mg/L (5.1 mm/L) or lower concentrations associated with severe clinical or metabolic features. Patients under ten years or over 70 have increased risk of salicylate toxicity and may require dialysis at an earlier stage.

3 PHARMACOLOGICAL PROPERTIES

3.1 Mechanism of action

Ticagrelor a member of the chemical class cyclopentyltriazolopyrimidine Treagretor, a member of the chemical class cyclopentyltriazolopyrimidines (CPTP), which is an oral, direct acting, selective and reversibly binding P2Y12 receptor antagonist that prevents ADP-mediated P2Y12 dependent platelet activation and aggregation. Treagretor does not prevent ADP binding but when bound to the P2Y12 receptor prevents ADP-induced signal transduction. Since platelets participate in the initiation and/or evolution of thrombotic complications of atherosclerotic disease, inhibition of platelet function has been shown to reduce the risk of CV events such as death, MI or stroke. Development of the P2Y12 receptor prevents ADP-induced signal transductions Since platelets participate in the initiation and/or evolution of thrombotic complications of atherosciencic disease, inhibition of platelet function has been shown to reduce the risk of CV events such as death. MI or stroke. Ticagrelor has been documented to auroment the fully of the ful

higher compared to subjects with normal renal function. A similar increase in higher compared to subjects with normal rehai Indicon. A similar increase in exposure was observed when ticagrelor was administered immediately prior to dialysis (49% and 61%, respectively) showing that ticagrelor is not dialysable. Exposure of the active metabolite increased to a lesser extent (ALC 13-14% and C₁₁₁7-36%). The inhibition of platelat aggregation (IPA) effect of ticagrelor was independent of dialysis in patients with end stage read discreted invited to which with extend lend function. renal disease and similar to subjects with normal renal function. Hepatic impairment

and AUC for ticagrelor were 12% and 23% higher in patients with mild C must and AUC tor treagretor well 1276 and 2376 ingret in paventa with implements with implement compared to matched healthy subjects, respectively, however, the IPA effect of ticagrefor was similar between the two groups. No dose adjustment is needed for patients with mild hepatic impairment. Ticagrelor has not been studied in patients with severe hepatic impairment and there is no pharmacokinetic information in patients with moderate hepatic impairment. In patients that had moderate or severe elevation in one or more liver function tests at baseline, ticagrelor plasma concentrations were on average similar or slightly higher as compared to those without baseline elevations. No dose adjustment is recommended in patients with moderate hepatic impairment.

Ethnicity

Ethnicity Patients of Asian descent have a 39% higher mean bioavailability compared to Caucasian patients. Patients self-identified as black had an 18% lower bioavailability of ticagrelor compared to Caucasian patients, in clinical pharmacology studies, the exposure (C_m and AUC) to ticagrelor in Japanese subjects was approximately 40% (20% after adjusting for body weight) higher compared to that in Caucasians. The exposure in patients self-identified as Hispanic or Latino was similar to that in Caucasians.

Aspirin Aspirin is rapidly absorbed after oral administration of conventional release preparations, with some hydrolysis to salicylate before absorption. Absorption is delayed by the presence of food and is impaired in patients suffering migraine attacks. Absorption is more rapid in patients with achlorhydria and also following

Assorption is more rapid in patients with achieved and also following administration of polysorbates and antacids. Plasma concentrations of the drug increase disproportionately to the dose; e.g. a 325 mg dose having a half-life of 2-3 hours and higher doses showing lower plasma concentrations in the presence of an increase half-life due to a disproportionate increase in the volume of distribution.

Aspirin is found in saliva, milk, plasma and synovial fluid at concentrations less than in blood and crosses the placenta.

less than in blood and crosses the placenta. Salicytate/protein binding extensive. Aspirin/protein binding to a small extent. In the blood, rapid hydrolysis to salicylic acid: glucuronic acid/glycine conjugation to form glucuronides and salicyluronic acid. Salicylate reabsorbed by renal tubules in acid urine, and alkaline diuresis will increase the rate of excretion, 85% of dose excreted as free salicylate. The absolute bioavailability of aspirin from Aspirin 75mg Gastro-Resistant Tablets (compared with intravenous aspirin solution) is approximately 25%.

4 NONCLINICAL PROPERTIES

Ticagrelor Preclinical data for ticagrelor and its major metabolite have not demonstrated unacceptable risk for adverse effects for humans based on conventional studies of safety pharmacology, single and repeated dose toxicity and genotoxic potential. Gastrointestinal irritation was observed in several animal species at clinical

relevant exposure levels.

Interval texposure reverse. In female rats, licagrelor at high dose showed an increased incidence of uterine tumours (adenocarcinomas) and anincreased incidence of hepatic adenomas. The mechanism for uterine tumours is likely hormonal imbalance which can lead to tumours in rats. The mechanism for the hepatic adenomas which can lead to tumours in rats. The mechanism for the hepatic adenomas is likely due to a rodent-specific enzyme induction in the liver. Thus, the carcinogenicity findings are considered unlikely to be relevant for humans. In rats, minor developmental anomalies were seen at a maternal toxic dose (safety margin of 5.1). In rabits, a sight delay in hepatic maturity and skeletal development was seen in foetuses from dams at high dose without development lexified to a more and to full answer lexified and the set of the set

skeletal development was seen in roletuses from dams at nigh oose without showing maternal toxicity (safety margin of 4.5). Studies in rats and rabbits have shown reproductive toxicity, with slightly reduced maternal body weight gain and reduced neonatal viability and birth weight, with delayed growth. Ticagrelor produced irregular cycles (mostly extended cycles) in female rats, but did not affect overall fertility in male and female rats. Pharmacokinetic studies performed with radiolabelled ticagrelor base above that the percent company and in motholities are averated at base to the the percent of the per have shown that the parent compound and its metabolites are excreted in the nilk of rats.

milk or rats. <u>Aspirin</u> The acute toxicity of acetylsalicylic acid in animals has been studied and reviewed in detail by Boyd. The signs of poisoning in rats from doses in the lethal range are due to varying degrees of gastroenteritis, hepatitis, nephritis, pulmonary edema, encephalopathy, shock and minor toxic effects on other organs and tissues. Death is due to convulsions or cardiovascular shock. organs and tissues. Death is due to convulsions or cardiovascular shock. The major difference between species appears to be the ability to vomit toxic doses seen in man, cats and dogs, but not in mice, rats and rabbits. Otherwise, the pathological reaction to toxic doses of acetylsalicylic acid is similar in all species in which such studies have been reported. The acute oral LDS0 values have been reported as being over 1.0 g/kg in man, cat and dog. 0.92 g/kg in female and 1.48 g/kg in male albino rats, 1.19 g/kg in guinea pig, 1.1 g/kg in mouse and 1.8 g/kg in rabbit. Chronic toxicity studies were reported in mice and rats. When acetylsalicylic acid was administered at 2 to 20 times the maximum tolerated clinical dose to price for us to one ware a dose ardetaf deletations of feducations of the second one of the one of the one ware and the second second between the provide the second one of the one of the one provide and the second second between the one of the one one of the one of th

acid was administered at 2 to 20 times the maximum tolerated clinical dose to mice for up to one year, a dose-related deletroius effect was observed on mean survival time, number of young born and number of young raised to weaning age. No evidence of carcinogenic effect was found. The chronic oral LDS0 in male albino ratis has been reported as 0.24 g/kg/day when given for 100 days. At these daily doses acety/salicylic acid produced no anorexia and no loss of body weight.

when given for 100 days. At these daily doses acetylsalicylic acid produced no anorexia and no loss of body weight. It did produce polydipsia, aciduria, diuresis, drowsiness, hyperreflexia, piloerection, rapid and deep respiration, tachycardia, and during the second month, soft stools, epistaxis, sialornhea, dacryornhea and death in hypothermic coma. Autopsy disclosed the presence of a hypertrophied stomach, renal congestion, mild hepatitis and pneuronnitis. While teratogenic effects were noted in animals at near lethal doses, there is no evidence to indicate that exclusional cities to the store in an evidence to indicate that exclusional cities to the store in animals at near lethal doses. indicate that acetylsalicylic acid is teratogenic in mar

5 DESCRIPTION <u>Ticagrelor</u>

Ticagrelor, a cyclopentyltriazolopyrimidine, inhibit platelet activation and aggregation mediated by the P2Y12 ADP-receptor.lts molecular formula is $\begin{array}{l} \label{eq:constraint} \begin{array}{c} \mbox{cg} \$ amino]-5(propylthio)-3H-[1,2,3]-triazolo[4,5-d]pyrimidin-3-yl]-5 (2-hydroxyethoxy) cyclopentane-1,2-diol.Ticagrelor has the following structural formula:

HN H HO

но́``он Ticagrelor is an off-white to pale pink powder, soluble in methanol.

Aspirin Aspirin is acelyl salicylic acid. Its molecular formula is C,H,O, and a molecular weight is 180.2. The chemical name for aspirin is2-acetoxybenzoic acid Aspirin is colourless crystals or a white crystalline powder, odourless or almost odourless. It is freely soluble in ethanol (95%), soluble in chloroform and in ether, slightly soluble in water. It has the following structural formula:

COOH

_0. CH.

6 PHARMACEUTICAL PARTICULARS

PATIENT COU

Treagetor has been documented to augment the following adenosine-induced effects in healthy subjects and in patients with ACS: vasodilation (measured by coronary blood flow increases in healthy volunteers and ACS patients; headache inhibition of platelet function (in human whole blood in vitro) and dyspnoea. However, a link between the observed increases in adenosine and clinical outcomes (e.g. morbidity-mortality has not hean clearly eluricitated morbidity-mortality) has not been clearly elucidated

Mortificity-filter tarties the sector of the presystemic, associated se in the portal circulation.

be largely presystem, associated with a second seco

longer lasting. 3.2 Pharmacodynamic Property

Treagrelor <u>Onset of action</u> In patients with stable coronary artery disease (CAD) on ASA, ticagrelor In patients with stable coronary artery disease (CAD) on ASA, ticagrelor mean inhibition of platelet aggregation (IPA) for ticagrelor at 0.5 hours after 180 mg loading dose of about 41%, with the maximum IPA effect of 89% by 2-4 hours post dose, and maintained between 2-8 hours.90% of patients had final extent IPA >70% by 2 hours post dose

If a CABG procedure is planned, ticagrelor bleeding risk is increased compared to clopidogrel when discontinued within less than 96 hours prior to

procedure. <u>Switching data</u> Switching from clopidogrel 75 mg to ticagrelor 90 mg twice daily results in an absolute IPA increase of 26.4% and switching from ticagrelor to clopidogrel results in an absolute IPA decrease of 24.5%. Patients can be switched from clopidogrel to ticagrelor without any interruption of antiplatelet effect.

Aspirin Due to the low dose enteric-coated formulation of Aspirin 75mg

Due to the low dose enteric-coated formulation of Aspirin 75mg Gastro-Resistant Tablets acetylsalicylic acid is slowly released into the portal circulation and is deacetylsalicylic acid is slowly released into the portal circulation and is deacetylsaled by the liver to inactive salicylate before reaching the systemic circulation. It is postulated that platelets passing through the portal circulation. It is postulated that platelets passing concentrations sufficient to achieve effective thromboxane inhibition, while systemic prostacyclin synthesis remains essentially unaffected. Experimental data suggest that ibuprofen may inhibit the effect of low dose aspirin on platelet aggregation when they are dosed concomitantly. In one study, when a single dose of ibuprofen 400mg was taken within 8 hours before or within 30 minutes after immediate release aspirin dosing (81mg), a decreased effect of aspirin on the formation of thromboxane or platelet aggregation occurred. However, the limitations of these data and the uncertainties regarding extrapolation of *ex vivo* data to the clinical situation imply that no firm conclusions can be made for regular louprofen use, **3.3 Pharmacokinetic properties** <u>Encarretor</u>

Ticagrelor Ticagrelor demonstrates linear pharmacokinetics and exposure to ticagrelor and the active metabolite (AR-C124910XX) are approximately dose portional up to 1260 mg.

and the active metabolite (AR-C124910XX) are approximately dose proportional up to 1260 mg. **Absorption** Absorption of ticagrelor is rapid with a median tmax of approximately 1.5 hours. The formation of the major circulating metabolite AR-C124910XX (also active) from ticagrelor is rapid with a median tmax of approximately 1.5 hours. Following an oral ticagrelor 90 mg single dose under fasted conditions in healthy subjects, C_{mm} is 529 ng/ml and AUC is 3451 ng/h/ml. The metabolite parent ratios are 0.28 for C_{mm} and 0.42 for AUC. The median ticagrelor 0 mg single dose under fasted conditions in healthy subjects, C_{mm} is 529 ng/ml and AUC is 3451 ng/h/ml. The metabolite parent ratios are 0.28 for C_{mm} and 0.42 for AUC. The median ticagrelor C_{mm} as 391 ng/ml and AUC was 3801 ng/h/ml at steady state for ticagrelor of 0 mg C_{mm} was 627 ng/ml and AUC was 255 ng/h/ml at steady-state. The mean absolute bioavailability of ticagrelor was estimated to be 36%. Ingestion of a high-fat metabolite C_{mm} bus and use metabolite C_{mm} bus and without for do the active metabolite. These small changes are considered of minimal clinical significance; therefore, ticagrelor canley or substrates. The active metabolite These small changes are considered of minimal clinical significance; therefore, ticagrelor canley orally or administered through a nasogastric tube into the stomach, has a comparable bioavailability of whole tablets with a active metabolite. Initial exposure (0.5 and 1 hour postGose) from cushed ticagrelor tablets mixed in water was higher compared to whole tablets, with a generally identical concentration profile threadfter (2 to 48 hours). **Distribution**

Distribution The steady the active ¹¹ state volume of distribution of ticagrelor is 87.5 l. Ticagrelor and metabolite is extensively bound to human plasma protein

(>99.0%). Biotransformation CYP3A4 is the major enzyme responsible for ticagrelor metabolism and the formation of the active metabolite and their interactions with other CYP3A substrates ranges from activation through to inhibition. The major metabolite of ticagrelor is AR-C124910XX, which is also active as assessed by in vitro binding to the platelet P2Y12 ADP-receptor. The systemic exposure to the active metabolite is approximately 30-40% of that systemic exposure to obtained for ticagrelor

Elimination The primary route of ticagrelor elimination is via hepatic metabolism. When The primary rout The primary route of treagrelor elimination is via hepatic metabolism. When radiolabelled ticagrelor is administered, the mean recovery of radioactivity is approximately 84% (57.8% in faeces, 26.5% in unine). Recoveries of ticagrelor and the active metabolite in urine were both less than 1% of the dose. The primary route of elimination for the active metabolite is most likely via biliary secretion. The mean t1/2 was approximately 7 hours for ticagrelor and 8.5 hours for the active metabolite. Special populations

Elderly Higher exposures to ticagrelor (approximately 25% for both C_{max} and AUC) and the active metabolite were observed in elderly (275years) ACS patients compared to younger patients by the population pharmacokinetic analysis. These differences are not considered clinically significant. mese unrerences are not considered clinically significant. Paediatric population Ticagrefor has not been evaluated in a paediatric population Gender

Higher exposures to ticagrelor and the active metabolite were observed in women compared to men. These differences are not considered clinically npared to m

women compared to men. These universities are not extracted and the significant. Renal impairment Exposure to ticagrelor was approximately 20% lower and exposure to the active metabolite was approximately 17% higher in patients with severe renal impairment (creatinine clearance <30 ml/min) compared to subjects with normal renal function.

In patients with end stage renal disease on haemodialysis AUC and C_m ed on a day without dialysis

Store protected from moisture, at a temperature not exceeding 25°C. PRESENTATION: Aspirin Tablets 75 mg. Manufactured by: -(INTAS) INTAS PHARMACEUTICALS LTD.



www.pieced and bruise more easily
 Will take longer than usual to stop bleeding
 Should report any unanticipated, prolonged or excessive bleeding, or blood in their stool or urine.
 Advise patients to contact their doctor if they experience unexpected shortness of breath, especially if severe.
 Advise patients to inform physicians and dentists that they are taking ticagrelor before any surgery or dental procedure.
 Aspirin

Aspirin Discuss the following with patients prior to initiating treatment with aspirin and periodically during the course of ongoing treatment:

and periodically during the course or organized and the service of the service of

Hypersensitivity Advise the patient to discontinue aspirin and seek immediate medical attention if any signs or symptoms of a hypersensitivity reaction occur.

Alcoho Consumption Inform patients they should not take aspirin 2 hours before or 1 hour after consuming alcohol. Course J patients who drink three or more alcoholic drinks every day about the risk of bleeding involved in chronic, heavy alcohol use while taking aspirin. Administration Instructions

Advise patients to swallow aspirin whole and not to chew or crush them. Remind patients not to discontinue aspirin without first notifying and discussing with their physician. Advise patients not to use extra medicine to

make up a missed dose. Advise patients not to take ibuprofen around the same time as aspirin.

Advise patients hot to take indpriven around the same time as aspinit. Pregnancy and Lactation Advise patients that ASA containing products cause harm to fetuses especially during the third trimester of pregnancy. Inform patients to notify their physician if they are pregnant, plan to become pregnant, breastfeed or are considering breastfeeding prior or during receiving treatment with aspirin.

Ticastro-AS is available in a combikit of 14 Ticagrelor Tablets 90 mg & 7

Samardung Road, Kabrey Block, Namthang Elaka, South Sikkim-737 132. INDIA

92 1850 0 9405950

		Approved by			
Department	PMQC	R.A.	Packing Dev.	Q.A.	Head Q.A.
Signature					
Date					



Product Name : Ticastro-AS : 125 x 580 (mm) Back Side Size No. of Col. : 1 Date : 02/07/22

File name : 92 1850 0 9405950-Ticastro-AS KIT-PIL Col. Shade No.: Pantone Black