

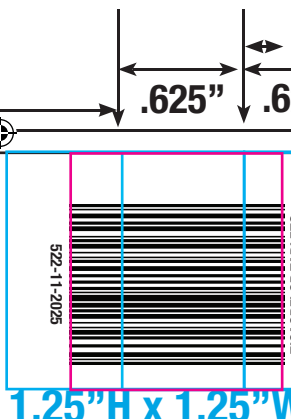
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HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use TICAGRELOR TABLETS safely and effectively. See full prescribing information for TICAGRELOR TABLETS.

WARNING: BLEEDING RISK
See full prescribing information for complete boxed warning.
Ticagrelor, like other antiplatelet agents, can cause significant, sometimes fatal bleeding (5.1, 6.1).

Do not use ticagrelor in patients with active pathological bleeding or a history of intracranial hemorrhage (4.1, 4.2).
Do not start ticagrelor in patients undergoing urgent coronary artery bypass graft surgery (CABG) (5.1, 6.1).

It is possible, manage bleeding without discontinuing ticagrelor.
Stopping ticagrelor increases the risk of subsequent cardiovascular events (5.2).

INDICATIONS AND USAGE
Ticagrelor tablets are a P2Y12 platelet inhibitor indicated to reduce the risk of cardiovascular (CV) death, myocardial infarction (MI), and stroke in patients with acute coronary syndrome (ACS) or a history of MI.

Do not use ticagrelor in patients with active pathological bleeding or a history of intracranial hemorrhage (4.1, 4.2).
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Acute Ischemic Stroke
Initiate treatment with a 180 mg loading dose of ticagrelor tablets then continue with 90 mg twice daily for up to 30 days (2,4).

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8 USE IN SPECIFIC POPULATIONS
8.1 Pregnancy
Risk Summary
Available data from case reports with ticagrelor use in pregnant women have not identified a drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes.

8.2 Lactation
Risk Summary
There are no data on the presence of ticagrelor or its metabolites in human milk, the effects on the breastfed infant, or the effects on milk production.

8.3 Geriatric Use
About half of the patients in PLATO, PEGASUS, THEMIS, and THALES were ≥65 years of age and at least 15% were ≥75 years of age. No overall differences in safety or effectiveness were observed between elderly and younger patients.

8.4 Pediatric Use
The safety and effectiveness of ticagrelor tablets have not been established in pediatric patients. Effectiveness was not demonstrated in an adequate and well-controlled study conducted in 101 ticagrelor-treated pediatric patients, aged 2 to <18 for reducing the rate of vaso-occlusive crises in sickle cell disease.

8.5 Renal Impairment
No dosage adjustment is needed in patients with renal impairment (see Clinical Pharmacology (12.3)).

8.6 Hepatic Impairment
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(active) from ticagrelor occurs with a median t1/2 of 2.5 h (range 1.5 to 5.0).
The mean absolute bioavailability of ticagrelor is about 36% (range 30% to 42%). Ingestion of a high-fat meal had no effect on ticagrelor Cmax, but resulted in a 21% increase in AUC. The Cmax of its major metabolite was decreased by 22% with no change in AUC.

Ticagrelor tablets as crushed tablets mixed in water, given orally or administered through a nasogastric tube into the stomach, is bioequivalent to whole tablets (AUC and Cmax within 80 to 125% for ticagrelor and AR-C1249100X with a median t1/2 of 1.0 hour (range 1.0 to 4.0) for ticagrelor and 2.0 hours (range 1.0 to 8.0) for AR-C1249100X).

The steady state volume of distribution of ticagrelor is 88 L. Ticagrelor and the active metabolite are extensively bound to human plasma proteins (>99%).
Metabolism
CYP3A4 is the major enzyme responsible for ticagrelor metabolism and the formation of its major active metabolite. Ticagrelor and its major active metabolite are weak P-glycoprotein substrates and inhibitors.

Excursion
The primary route of ticagrelor elimination is hepatic metabolism. When radiolabeled ticagrelor is administered, the mean recovery of radioactivity is approximately 84% (58% in feces, 26% in urine). Recovered ticagrelor and the active metabolite in urine were both less than 1% of the dose. The primary route of elimination for the major metabolite of ticagrelor is most likely to be biliary secretion. The mean t1/2 is approximately 7 hours for ticagrelor and 9 hours for the active metabolite.

Specific Populations
Effects of age, gender, ethnicity, renal impairment and mild hepatic impairment on the pharmacokinetics of ticagrelor are presented in Figure 7. Effects are modest and do not require dose adjustment.

Patients with End-Stage Renal Disease on Hemodialysis
In patients with end stage renal disease on hemodialysis AUC and Cmax of ticagrelor 90 mg administered on a day without dialysis were 30% and 51% higher respectively, compared to subjects with normal renal function. A similar increase in exposure was observed when ticagrelor was administered daily on hemodialysis. Ticagrelor is not dialyzable. Exposure of the active metabolite increased to a lesser extent. The IPA effect of ticagrelor was independent of dialysis in patients with end stage renal disease and similar to healthy adults with normal renal function.

Effects of Other Drugs on ticagrelor tablets
CYP3A4 is the major enzyme responsible for ticagrelor metabolism and the formation of its major active metabolite. The effects of other drugs on the pharmacokinetics of ticagrelor are presented in Figure 8 as change relative to ticagrelor given alone (test/reference). Strong CYP3A inhibitors (e.g., ketoconazole, itraconazole, and clarithromycin) substantially increase ticagrelor exposure. Moderate CYP3A inhibitors have lesser effects (e.g., diltiazem, verapamil, and ranitidine) and weak CYP3A inhibitors (e.g., ranitidine) increase ticagrelor exposure.

Co-administration of 5 mg intravenous morphine with 180 mg loading dose of ticagrelor decreased observed mean ticagrelor exposure by up to 25% in healthy adults and up to 36% in ACS patients undergoing PCI. t1/2 was delayed by 1 to 2 hours. Exposure of the active metabolite decreased to a similar extent. Morphine co-administration did not delay or decrease platelet inhibition in healthy adults. Mean platelet aggregation was higher up to 3 hours post loading dose in ACS patients co-administered with morphine.

Co-administration of intravenous fentanyl with 180 mg loading dose of ticagrelor in ACS patients undergoing PCI resulted in similar effects on ticagrelor exposure and platelet inhibition.

Effects of ticagrelor tablets on the pharmacokinetics of ticagrelor
Effects of ticagrelor tablets on the pharmacokinetics of ticagrelor are presented in Figure 9 as change relative to ticagrelor given alone (test/reference). Strong CYP3A inhibitors (e.g., ketoconazole, itraconazole, and clarithromycin) substantially increase ticagrelor exposure. Moderate CYP3A inhibitors have lesser effects (e.g., diltiazem, verapamil, and ranitidine) and weak CYP3A inhibitors (e.g., ranitidine) increase ticagrelor exposure.

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90 mg BID
When antiplatelet therapy was stopped 5 days before CABG, major bleeding occurred in 75% of ticagrelor-treated patients and 73% on clopidogrel.

Overall outcome of bleeding events in the PEGASUS study are shown in Table 4.
Table 4 - Bleeding events (PEGASUS)

Table with 4 columns: Ticagrelor N=9225, Clopidogrel N=9186, Events / 1000 patient years, and Events / 1000 patient years.

TIIMI Major: Fatal bleeding, OR any intracranial bleeding, OR clinically overt signs of hemorrhage associated with a drop in hemoglobin (Hgb) of ≥5 g/dL, or a fall in hematocrit (Hct) of ≥15%.

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Overall outcome of bleeding events in the PEGASUS study are shown in Table 4.
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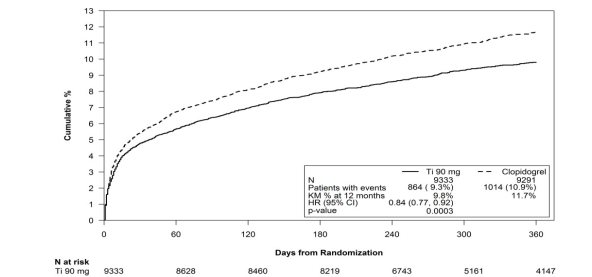
Table 7 - Patients with outcome events (PLATO)

	Ticagrelor N=5223	Clopidogrel N=5291	Hazard Ratio (95% CI)	p-value
Composite of CV death, MI, or stroke	111	131	0.84 (0.77, 0.92)	0.0003
CV death	32	43	0.74 (0.59, 0.95)	
Non-fatal MI	64	76	0.84	
Non-fatal stroke	15	12	1.24	
Secondary endpoints				
CV death	45	57	0.79 (0.69, 0.91)	0.0013
MI*	65	76	0.84 (0.75, 0.95)	0.0045
Stroke*	16	14	1.17 (0.91, 1.52)	0.22
All-cause mortality	51	65	0.78 (0.69, 0.89)	0.0003

*Dosed at 90 mg bid.

Notes: rates of first events for the components CV Death, MI and Stroke are the actual rates for first events for each component and do not add up to the overall rate of events in the composite endpoint. Including patients who could have had other non-fatal events or died. The Kaplan-Meier curve (Figure 10) shows time to first occurrence of the primary composite endpoint of CV death, non-fatal MI or non-fatal stroke in the overall study.

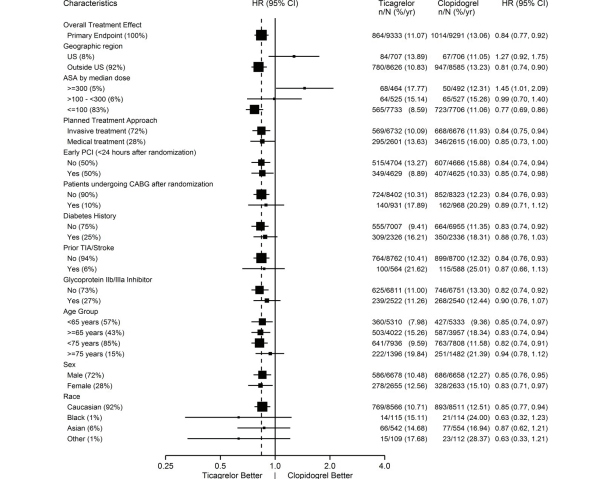
Figure 10 - Time to first occurrence of CV death, MI, or stroke (PLATO)



The curves separate by 30 days [relative risk reduction (RRR) 12%] and continue to diverge throughout the 12-month treatment period (HR 16%). Among 11,289 patients with PCI receiving any stent during PLATO, there was a lower risk of stent thrombosis (1.3% for adjudicated "definite") than with clopidogrel (1.9%) (HR 0.67, 95% CI 0.50 to 0.91, p=0.009). The results were similar for drug-eluting and bare metal stents. A wide range of demographic, concurrent baseline medications, and other treatment differences were examined for their influence on outcome. Some of these are shown in Figure 11. Such analyses must be interpreted cautiously, as differences can reflect the play of chance among a large number of analyses. Most of the analyses show effects consistent with the overall results, but there are two exceptions: a finding of heterogeneity by region and a strong influence of the maintenance dose of aspirin. These are considered further below.

Most of the characteristics shown are baseline characteristics, but some reflect post-randomization determinants (e.g., aspirin maintenance dose, use of PCI).

Figure 11 - Subgroup analyses of PLATO



Note: The figure above presents effects in various subgroups most of which are baseline characteristics and most of which were pre-specified. The 95% confidence limits that are shown do not take into account how many comparisons were made, nor do they reflect the effect of a particular factor after adjustment for all other factors. Apparent homogeneity or heterogeneity among groups should not be over-interpreted.

Regional Differences

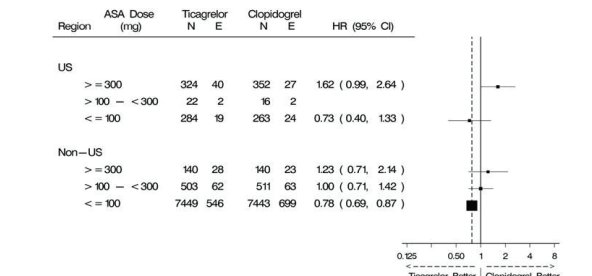
The results in the rest of the world compared to effects in North America (US and Canada) show a smaller effect in North America, numerically inferior to the control and driven by the US subset. The statistical test for the US/non-US comparison is statistically significant (p=0.009), and the same trend is present for both CV death and non-fatal MI. The individual results and nominal p-values, like all subset analyses, need cautious interpretation, and they could represent chance findings. The consistency of the differences in both CV mortality and non-fatal MI components, however, supports the possibility that the finding is reliable.

A wide variety of baseline and procedural differences between the US and non-US including intended invasive vs. planned medical management, use of GPIIb/IIIa inhibitors, use of drug eluting vs. bare-metal stents were examined to see if they could account for regional differences, but with one exception, aspirin maintenance dose, these differences did not appear to lead to differences in outcome.

Aspirin Dose

The PLATO protocol left the choice of aspirin maintenance dose up to the investigator and use patterns were different in US sites from sites outside of the US. About 87% of non-US investigators administered aspirin doses above 100 mg, and about 2% administered doses above 300 mg. In the US, 57% of patients received doses above 100 mg and 54% received doses above 300 mg. Overall results favored ticagrelor tablets when used with low maintenance doses (<100 mg) of aspirin, and results analyzed by aspirin dose were similar in the US and elsewhere. Figure 10 shows overall results by median aspirin dose. Figure 12 shows results by region and dose.

Figure 12 - CV death, MI, stroke by maintenance aspirin dose in the US and outside the US (PLATO)



Like any unplanned subset analysis, especially one where the characteristics is not a true baseline characteristic (but may be determined by usual investigator practice), the above analyses must be treated with caution. It is notable, however, that aspirin dose predicts outcome in both regions with a similar pattern, and that the pattern is similar for the two major components of the primary endpoint, CV death and non-fatal MI. Despite the need to treat such results cautiously, there appears to be good reason to restrict aspirin maintenance dosage accompanying ticagrelor to 100 mg. Higher doses do not have an established benefit in the ACS setting, and there is a strong suggestion that use of such doses reduces the effectiveness of ticagrelor tablets.

PEGASUS

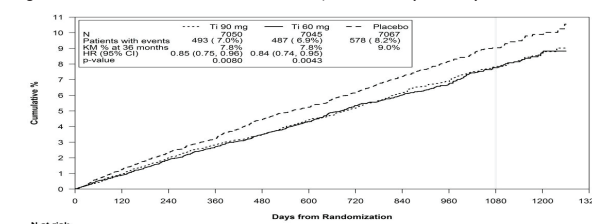
The PEGASUS TMI-54 study (NCT01225562) was a 21,162-patient, randomized, double-blind, placebo-controlled, parallel-group study. Two doses of ticagrelor, either 90 mg twice daily or 60 mg twice daily, co-administered with 75 mg to 150 mg of aspirin, were compared to aspirin therapy alone in patients with history of MI. The primary endpoint was the composite of first occurrence of CV death, non-fatal MI and non-fatal stroke. CV death and all-cause mortality were assessed as secondary endpoints.

Patients were eligible to participate if they were >50 years old, with a history of MI 1 to 3 years prior to randomization, and had at least one of the following risk factors for thrombotic cardiovascular events: age >65 years, diabetes mellitus requiring medication, at least one other prior MI, evidence of multivessel coronary artery disease, or creatinine clearance <60 mL/min. Patients could be randomized regardless of their prior ADP receptor blocker therapy or a lapse in therapy. Patients requiring or who were expected to require renal dialysis during the study were excluded. Patients with any previous intracranial hemorrhage, gastrointestinal bleeding within the past 6 months, or with known bleeding diathesis or coagulation disorder were excluded. Patients taking anticoagulants were excluded from participating and patients who developed an indication for anticoagulation during the trial were discontinued from study drug. A small number of patients with a history of stroke were included. Based on information external to PEGASUS, 102 patients with a history of stroke (90 of whom received study drug) were terminated early and no further such patients were enrolled.

Patients were treated for at least 12 months and up to 48 months with a median follow up time of 33 months. Patients were predominantly male (76%) Caucasian (87%) with a mean age of 65 years, and 99.8% of patients received prior aspirin therapy.

The Kaplan-Meier curve (Figure 13) shows time to first occurrence of the primary composite endpoint of CV death, non-fatal MI or non-fatal stroke.

Figure 13 - Time to First Occurrence of CV death, MI or Stroke (PEGASUS)



Ti = Ticagrelor BID, CI = Confidence interval; HR = Hazard ratio; KM = Kaplan-Meier; N = Number of patients.

Both the 60 mg and 90 mg regimens of ticagrelor tablets in combination with aspirin were superior to aspirin alone in reducing the incidence of CV death, MI or stroke. The absolute risk reductions for ticagrelor plus aspirin vs. aspirin alone were 1.27% and 1.19% for the 60 and 90 mg regimens, respectively. Although the efficacy profiles of the two regimens were similar, the lower dose had lower risks of bleeding and dyspnea.

Table 8 shows the results for the 60 mg plus aspirin regimen vs. aspirin alone.

Table 8 - Incidences of the primary composite endpoint, primary composite endpoint components, and secondary endpoints (PEGASUS)

	Ticagrelor N=7045	Placebo N=7057	HR (95% CI)	p-value
Time to first CV death, MI, or stroke*	26	31	0.84 (0.74, 0.95)	0.0043
CV Death†	9	11	0.83 (0.68, 1.01)	
Myocardial infarction‡	15	18	0.84 (0.72, 0.98)	
Stroke§	5	7	0.75 (0.57, 0.98)	
All-cause mortality	16	18	0.89 (0.76, 1.04)	

CI = Confidence interval; CV = Cardiovascular; HR = Hazard ratio; MI = Myocardial infarction; N = Number of patients.

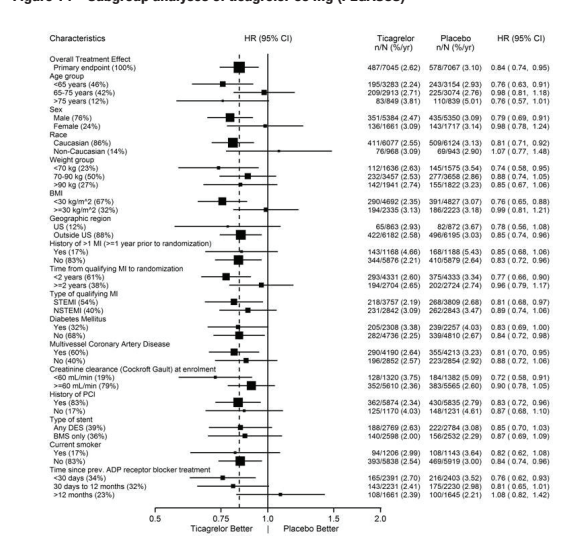
* Primary composite endpoint

† Secondary endpoints

‡ The event rate for the components CV death, MI and stroke are calculated from the actual number of first events for each component.

§ In PEGASUS, the relative risk reduction (RRR) for the composite endpoint from 1 to 360 days (17% RRR) and from 361 days and onwards (16% RRR) were similar. The treatment effect of ticagrelor tablets 60 mg over aspirin appeared similar across most pre-defined subgroups, see Figure 14.

Figure 14 - Subgroup analyses of ticagrelor 60 mg (PEGASUS)



Note: The figure above presents effects in various subgroups all of which are baseline characteristics and most of which were pre-specified. The 95% confidence limits that are shown do not take into account how many comparisons were made, nor do they reflect the effect of a particular factor after adjustment for all other factors. Apparent homogeneity or heterogeneity among groups should not be over-interpreted.

14.2 Coronary Artery Disease but No Prior Stroke or Myocardial Infarction

THEMIS

The THEMIS study (NCT01917395) was a double-blind, parallel group, study in which 19,220 patients with CAD and Type 2 Diabetes Mellitus (T2DM) but no history of MI or stroke were randomized to twice daily ticagrelor tablets or placebo, on a background of 75 mg to 150 mg of aspirin. The primary endpoint was the composite of first occurrence of CV death, MI, and stroke. CV death, MI, ischemic stroke, and all-cause death were assessed as secondary endpoints. Patients were eligible to participate if they were >50 years old with CAD, defined as a history of PCI or CABG, or angiographic evidence of >50% lumen stenosis of at least 1 coronary artery and T2DM treated for at least 6 months with glucose-lowering medication. Patients with previous intracranial hemorrhage, gastrointestinal bleeding within the past 6 months, known bleeding diathesis, and coagulation disorder were excluded. Patients taking anticoagulants or ADP receptor antagonists were excluded from participating, and patients who developed an indication for those medications during the trial were discontinued from study drug.

Patients were treated for a median of 33 months and up to 58 months. Patients were predominantly male (69%) with a mean age of 66 years. At baseline, 80% had a history of coronary artery revascularization; 56% had undergone PCI, 29% had undergone a CABG and 7% had undergone both. The proportion of patients studied in the US was 12%. Patients in THEMIS had established CAD and other risk factors that put them at higher cardiovascular risk. Ticagrelor tablets was superior to placebo in reducing the incidence of CV death, MI, or stroke. The effect on this composite endpoint was driven by the individual components MI and stroke; see Table 9.

Table 9 - Primary composite endpoint, primary endpoint components, and secondary endpoints (THEMIS)

	Ticagrelor N=9619	Placebo N=9601	HR (95% CI)	p-value
Time to first CV death, MI, or stroke*	24	27	0.90 (0.81, 1.00)	0.04
CV death†	12	11	1.02 (0.88, 1.18)	
Myocardial infarction‡	9	11	0.84 (0.71, 0.98)	
Stroke§	6	7	0.82 (0.67, 0.99)	
Secondary endpoints				
CV death	12	11	1.02 (0.88, 1.18)	
Myocardial infarction	9	11	0.84 (0.71, 0.98)	
Ischemic stroke	5	6	0.80 (0.64, 0.99)	
All-cause death	18	19	0.98 (0.87, 1.10)	

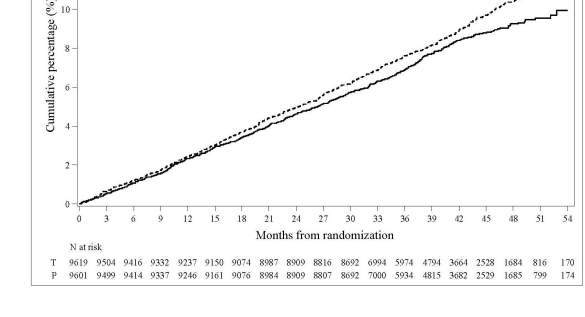
CI = Confidence interval; CV = Cardiovascular; HR = Hazard ratio; MI = Myocardial infarction; N = Number of patients.

* Primary composite endpoint

† The event rate for the components CV death, MI and stroke are calculated from the actual number of first events for each component.

‡ The Kaplan-Meier curve (Figure 15) shows time to first occurrence of the primary composite endpoint of CV death, MI, or stroke.

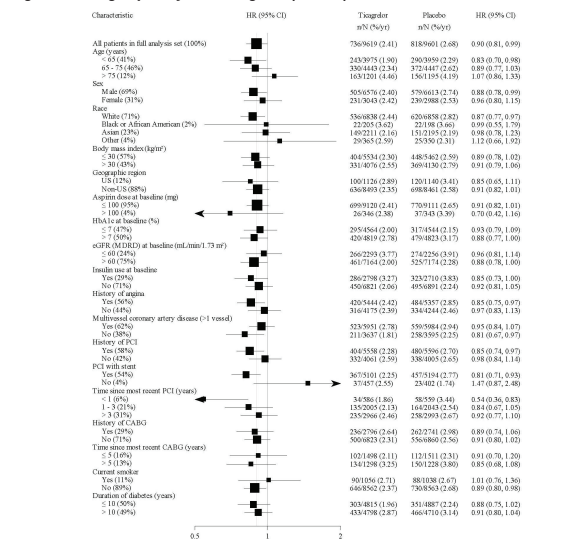
Figure 15 - Time to First Occurrence of CV death, MI or Stroke (THEMIS)



Ti = Ticagrelor; P = Placebo; N = Number of patients.

The treatment effect of ticagrelor appeared similar across patient subgroups, see Figure 16.

Figure 16 - Subgroup analyses of THEMIS



Note: The figure above presents effects in various subgroups all of which are baseline characteristics. The 95% confidence limits that are shown do not take into account how many comparisons were made.

made, nor do they reflect the effect of a particular factor after adjustment for all other factors. Apparent homogeneity or heterogeneity among groups should not be over-interpreted.

14.3 Acute Ischemic Stroke or Transient Ischemic Attack (TIA)

The THALES study (NCT03354429) was a 11,016-patient, randomized, double-blind, parallel-group study of ticagrelor 90 mg twice daily versus placebo in patients with acute ischemic stroke or transient ischemic attack (TIA). The primary endpoint was the occurrence of the composite of stroke and death up to 30 days. Ischemic stroke was assessed as one of the secondary endpoints. Patients were eligible to participate if they were >40 years old, with non-cardioembolic acute ischemic stroke (NISS score <5) or high-risk TIA (defined as ABCD score <6 or ipsilateral atherosclerotic stenosis >50% in the internal carotid or an intracranial artery). Patients who received thrombolysis or thrombectomy within 24 hours prior to randomization were not eligible. Patients were randomized within 24 hours of onset of an acute ischemic stroke or TIA to receive 30 days of either ticagrelor (90 mg twice daily, with an initial loading dose of 180 mg) or placebo, on a background of aspirin initially 300 mg to 325 mg then 75 mg to 100 mg daily. The median treatment duration was 31 days.

Ticagrelor was superior to placebo in reducing the rate of the primary endpoint (composite of stroke and death), corresponding to a relative risk reduction (RRR) of 17% and an absolute risk reduction (ARR) of 1.1% (Table 10). The effect was driven primarily by a significant reduction in the stroke component of the primary endpoint (19% RRR, 1.1% ARR).

Table 10 - Incidences of the primary composite endpoint, primary composite endpoint components, and secondary endpoint (THALES)

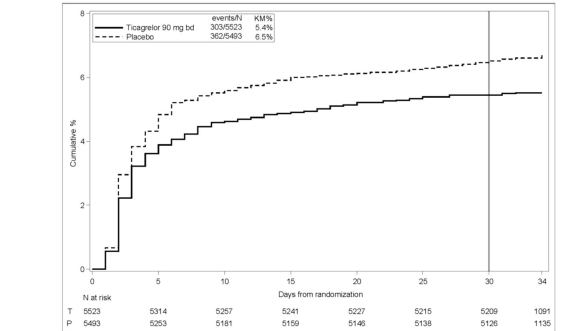
	Ticagrelor N=5523	Placebo N=5493	HR (95% CI)	p-value
Time to first Stroke or Death	303	362	0.83 (0.71, 0.96)	0.015
Time to first Stroke	284	347	0.81 (0.69, 0.95)	
Time to first Death	36	27	1.33 (0.81, 2.19)	
Secondary Endpoint				
Time to first Ischemic Stroke	276	345	0.79 (0.68, 0.93)	0.004

CI = Confidence interval; HR = Hazard ratio; KM = Kaplan-Meier percentage calculated at 30 days; N = Number of patients.

* The number of patients with the event of interest. In the time to first stroke, patients who died are censored at the time of death.

The Kaplan-Meier curve (Figure 17) shows the time to first occurrence of the primary composite endpoint of stroke and death.

Figure 17 - Time to First Occurrence of Stroke or Death (THALES)

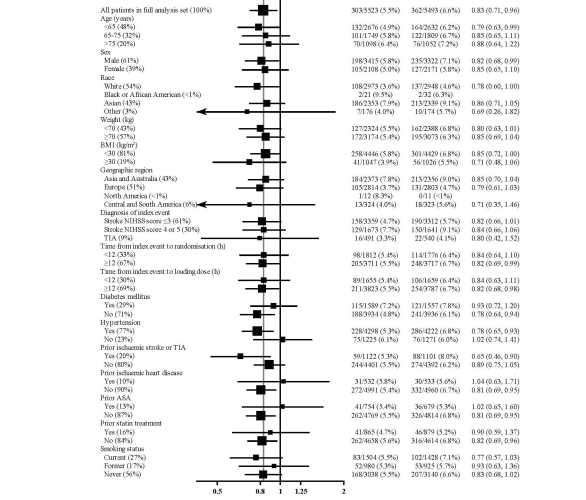


NOTE: Kaplan-Meier percentage evaluated at Day 30; T=Ticagrelor; P=placebo; N=Number of patients.

Ticagrelor's treatment effect on stroke and on death occurred over the first 10 days and was sustained at 30 days. Although not studied, this suggests that shorter treatment could result in similar benefits and reduced bleeding risk.

The treatment effect of ticagrelor was generally consistent across pre-defined subgroups (Figure 18).

Figure 18 - Subgroup analyses of ticagrelor 90 mg (THALES)



Note: The figure above presents effects in various subgroups all of which are baseline characteristics and most of which were pre-specified. The 95% confidence limits that are shown do not take into account how many comparisons were made, nor do they reflect the effect of a particular factor after adjustment for all other factors. Apparent homogeneity or heterogeneity among groups should not be over-interpreted.

At Day 30, there was an absolute reduction of 1.2% (95% CI: -2.1%, -0.3%) in the incidence of non-hemorrhagic stroke and death (excluding fatal bleed) favoring ticagrelor (294 events; 5.3%) over placebo (359 events; 6.5%) in the intention to -treat population. In the same population, there was an absolute increase of 0.4% (95% CI: 0.2%, 0.6%) in the incidence of GUSTO severe bleeding unfavorable to ticagrelor arm (28 events; 0.5%) compared to the placebo arm (7 events; 0.1%).

16 HOW SUPPLIED/STORAGE AND HANDLING

Ticagrelor tablets 60 mg are supplied as light pink, round shaped, film coated tablets debossed with '521' on one side and '5G' on the other side.

Botle of 30's NDC 50228-521-30

Primary endpoint

Botle of 1000's NDC 50228-521-10

Ticagrelor tablets 90 mg are supplied as yellow, round shaped, film coated tablets debossed with '522' on one side and '5G' on the other side.

Botle of 30's NDC 50228-522-30

Botle of 1000's NDC 50228-522-10

Storage and Handling

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F) [see USP controlled room temperature].

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Medication Guide).

Advise patients daily doses of aspirin should not exceed 100 mg and to avoid taking any other medications that contain aspirin.

Advise patients that they:

- Will bleed 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.

Advise women that breastfeeding is not recommended during treatment with ticagrelor [see Use in Specific Populations (8.2)].

Manufactured by: ScieGen Pharmaceuticals, Inc. Hauppauge, NY 11788, USA

Rev: 11/2025

MEDICATION GUIDE

Ticagrelor (tye ka' gel or) tablets

What is the most important information I should know about ticagrelor tablets?

Ticagrelor tablets are used to lower your chance of having, or dying from, a heart attack or stroke. Ticagrelor tablets (and similar drugs) can cause bleeding that can be serious and sometimes lead to death. In cases of serious bleeding, such as internal bleeding, the bleeding may result in the need for blood transfusions or surgery. While you take ticagrelor tablets:

- you may bruise and bleed more easily
- you are more likely to have nose bleeds
- it will take longer than usual for any bleeding to stop
- Call your healthcare provider right away, if you have any of these signs or symptoms of bleeding while taking ticagrelor tablets:
 - bleeding that is severe or that you cannot control
 - pink, red or brown urine
 - vomiting blood or your vomit looks like "coffee grounds"
 - red or black stools (looks like tar)
 - coughing up blood or blood clots

Do not stop taking ticagrelor tablets without talking to the healthcare provider who prescribes it for you. People who are treated with a stent, and stop taking ticagrelor tablets too soon, have a higher risk of getting a blood clot in the stent, having a heart attack, or dying. If you stop ticagrelor tablets because of bleeding, or for other reasons, your risk of a heart attack or stroke may increase.

Your healthcare provider may instruct you to stop taking ticagrelor tablets 5 days before surgery. This will help to decrease your risk of bleeding with your surgery or procedure. Your healthcare provider should tell you when to start taking ticagrelor tablets again, as soon as possible after surgery.

Taking ticagrelor tablets with aspirin

Ticagrelor tablets are taken with aspirin, unless your healthcare provider specifically tells you otherwise. Talk to your healthcare provider about the dose of aspirin that you should take with ticagrelor tablets. In most cases, you should not take a dose of aspirin higher than 100 mg daily. Do not take doses of aspirin higher than what your healthcare provider tells you to take. Tell your healthcare provider if you take other medicines that contain aspirin, and do not take new over-the-counter medicines with aspirin in them.

Ticagrelor tablets are a prescription medicine used to:

- decrease your risk of death, heart attack, and stroke in people with a blockage of blood flow to the heart (acute coronary syndrome or ACS) or a history of a heart attack. Ticagrelor tablets can also decrease your risk of blood clots in your stent in people who have received stents for the treatment of ACS.
- decrease your risk of a first heart attack or stroke in people who have a condition where the blood flow to the heart is decreased (coronary artery disease or CAD) who are at high risk for having a heart attack or stroke.
- decrease your risk of stroke in people who are having a stroke (acute ischemic stroke) or mini-stroke (transient ischemic attack or TIA).

It is not known if ticagrelor tablets is safe and effective in children.

Do not take ticagrelor tablets if you:

- have a history of bleeding in the brain
- are bleeding now
- are allergic to ticagrelor or any of the ingredients in ticagrelor tablets. See the end of this Medication Guide for a complete list of ingredients in ticagrelor tablets.

Before taking ticagrelor tablets, tell your healthcare provider about all of your medical conditions, if you:

- have had bleeding problems in the past
- have had any recent serious injury or surgery
- plan to have surgery or a dental procedure. See "What is the most important information I should know about ticagrelor tablets?"
- have a history of stomach ulcers or colon polyps
- have lung or breathing problems, such as COPD or asthma
- have liver problems
- have a history of stroke
- are pregnant or plan to become pregnant. It is not known if ticagrelor tablets will harm your unborn baby. You and your healthcare provider should decide if you will take ticagrelor tablets.
- are breastfeeding or plan to breastfeed. It is not known if ticagrelor tablets passes into your breast milk. You should not breastfeed during treatment with ticagrelor tablets. Talk to your healthcare provider about the best way to feed your baby during treatment with ticagrelor tablets.

Tell all of your healthcare providers and dentists that you are taking ticagrelor tablets. They should talk to the healthcare provider who prescribed ticagrelor tablets for you before you have any surgery or procedure.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Ticagrelor tablets may affect the way other medicines work, and other medicines may affect how ticagrelor tablets work. Certain medicines may increase your risk of bleeding.

Know the medicines you take. Keep a list of them to show your healthcare provider and pharmacist when you get a new medicine.

How should I take ticagrelor tablets?

- Take ticagrelor tablets exactly as prescribed by your healthcare provider.
- Your healthcare provider will tell you how many ticagrelor tablets to take and when to take them.
- Take ticagrelor tablets with aspirin, unless your healthcare provider specifically tells you otherwise. See "What is the most important information I should know about ticagrelor tablets?"
- You may take ticagrelor tablets with or without food.
- Take ticagrelor tablets two times each day, around the same times each day.
- If you miss your scheduled dose of ticagrelor tablets, take your next dose at its scheduled time. Do not take 2 doses at the same time unless your healthcare provider tells you to.
- If you take too much ticagrelor tablets, call your healthcare provider or local poison control center or go to the nearest emergency room right away.

If you are unable to swallow the tablet(s) whole, you may crush the ticagrelor tablet(s) and mix it with water. Drink all the water right away. Refill the glass with water, stir, and drink all the water.

Ticagrelor tablets may also be given through certain nasogastric (NG) tubes. Ask your healthcare provider for instructions on how to take ticagrelor tablets through a NG tube.

What are the possible side effects of ticagrelor tablets?

Ticagrelor tablets can cause serious side effects, including:

• See "What is the most important information I should know about ticagrelor tablets?"

Shortness of breath. Tell your healthcare provider if you have new, worsening or unexpected shortness of breath when you are at rest, at night, or when you are doing any activity.

Slow or irregular heartbeat.

Irregular breathing. Tell your healthcare provider if you develop irregular breathing patterns when asleep or awake such as speeding up, slowing down or short pauses in breathing. Your healthcare provider will decide if you need further evaluation.

These are not all of the possible side effects of ticagrelor tablets. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store ticagrelor tablets?

- Store ticagrelor tablets at room temperature between 68°F to