

	
AETNA BETTER HEALTH® Coverage Policy/Guideline	
Name: Ticagrelor	Page: 1 of 3
Effective Date: 5/30/2025	Last Review Date: 12/21/2022; 5/2024; 8/1/2024
Applies to:	<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Illinois <input checked="" type="checkbox"/> New Jersey <input type="checkbox"/> Pennsylvania Kids </div> <div> <input type="checkbox"/> Florida <input checked="" type="checkbox"/> Maryland <input type="checkbox"/> Virginia </div> <div> <input type="checkbox"/> Florida Kids <input type="checkbox"/> Michigan <input type="checkbox"/> Texas </div> </div>

Intent:

The intent of this policy/guideline is to provide information to the prescribing practitioner outlining the coverage criteria for Ticagrelor under the patient's prescription drug benefit.

Description:

Ticagrelor is indicated for:

- Arterial thromboembolism prophylaxis in persons with acute coronary syndrome (ACS) (unstable angina, acute myocardial infarction), including those undergoing percutaneous coronary intervention (PCI)
- The reduction in risk of first myocardial infarction (myocardial infarction prophylaxis) or stroke in patients with coronary artery disease (CAD) at high risk for these events
- Stroke prophylaxis in patients with acute ischemic stroke or high risk transient ischemic attack (TIA)

Applicable Drug List:

Non-Formulary: Ticagrelor

Policy/Guideline:

Ticagrelor will be covered with prior authorization when the following criteria are met:

- A. Member has a diagnosis of Coronary Artery Disease (CAD) and is at high risk for Myocardial Infarction (MI) or stroke

OR

- B. Member has a diagnosis of Acute Ischemic Stroke or Transient Ischemic Attack (TIA)

AND

1. Member has a documented inadequate response, intolerable adverse event, or contraindication with clopidogrel.

OR

- C. Member has a diagnosis of Acute Coronary Syndrome (ACS) or a history of Myocardial Infarction (MI)

AND

1. Member has a documented inadequate response, intolerable adverse event, or contraindication with prasugrel.



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	<input type="checkbox"/> Pennsylvania Kids	<input type="checkbox"/> Virginia	<input type="checkbox"/> Texas

Approval Duration and Quantity Restrictions:

Approval: 12 months

Quantity Level Limit: 2 tablets/day

References:

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2. O'Gara, Patrick, Kushner, Frederick et al. 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Journal of the American College of Cardiology http://www.onlinejacc.org/content/accj/61/4/e78.full.pdf?_ga=2.16281206.1583954993.1522813721-1795673358.1522813721 Accessed April 03, 2018.
3. Levine, Glenn N., Bates, Eric R., Bittl, John A., et al. 2016 ACC/AHA Guideline Focused Update on Duration of Dual Antiplatelet Therapy in Patients with Coronary Artery Disease. A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines http://www.onlinejacc.org/content/accj/68/10/1082.full.pdf?_ga=2.139399226.861223083.1560897735-963373453.1560897735. Accessed June 18, 2019.
4. Bonaca MP1, Gutierrez JA2, Creager MA2, et al. Acute Limb Ischemia and Outcomes with Vorapaxar in Patients with Peripheral Artery Disease: Results from the Trial to Assess the Effects of Vorapaxar in Preventing Heart Attack and Stroke in Patients With Atherosclerosis-Thrombolysis in Myocardial Infarction 50 (TRA2°P-TIMI 50). *Circulation*. 2016 Mar 8;133(10):997-1005. doi: 10.1161/CIRCULATIONAHA.115.019355. Epub 2016 Jan 29. <https://www.ncbi.nlm.nih.gov/pubmed?term=26826179>. Accessed June 19, 2019.
5. Brilinta (ticagrelor) tablets [package insert]. Wilmington, DE: AstraZeneca; May 2022.
6. S C Johnston, P Amarenco, H Denison, S. Evans. Ticagrelor and Aspirin or Aspirin Alone in Acute Ischemic Stroke or TIA. *N Engl J Med* 2020; 383:207-217. <https://www.nejm.org/doi/full/10.1056/nejmoa1916870>. Accessed July 22, 2021.
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8. Berger, JS, Davies, MG., (2019). UpToDate. Overview of lower extremity peripheral artery disease In Collins, KA, (Ed)., Retrieved from https://www.uptodate.com/contents/overview-of-lower-extremity-peripheral-artery-disease?search=Overview%20of%20lower%20extremity%20peripheral%20artery%20disease&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1. Accessed June 19, 2019.
9. Lincoff, A.M., Cutlip, D. (2019) UpToDate. Antiplatelet agents in acute ST-elevation myocardial infarction In GM Saperia (Ed)., Retrieved from https://www.uptodate.com/contents/antiplatelet-agents-in-acute-st-elevation-myocardial-infarction?search=Antiplatelet%20agents%20in%20acute%20ST-elevation%20myocardial%20infarction&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1. Accessed June 19, 2019.
10. Brilinta (ticagrelor) tablets [package insert]. Wilmington, DE: AstraZeneca; May 2022.
11. Effient (prasugrel) tablets [package insert]. South Plainfield, NJ: Cosette Pharmaceuticals; September 2022.



AETNA BETTER HEALTH®
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12. Plavix (clopidogrel) tablets [package insert]. Bridgewater, NJ: Sanofi; September 2022.