

Abbreviated (one month or less) dual antiplatelet therapy followed by Ticagrelor Monotherapy versus standard dual antiplatelet therapy after Percutaneous Coronary Intervention: A meta-analysis

Search Strategy

A systematic search will be conducted in PubMed-MEDLINE, EMBASE, Scopus, and the Cochrane Central Registry of Controlled Trials database from inception through the final search date. Databases will be searched using free texts as well as Medical Subject Heading (MeSH) forms. Predefined keywords will be Short-term Dual antiplatelet therapy OR ("Dual Anti-Platelet Therapy/adverse effects"[MeSH] OR "Dual Anti-Platelet Therapy/mortality"[MeSH]) AND Percutaneous coronary intervention OR Coronary intervention OR Coronary Revascularization OR ("Percutaneous Coronary Intervention/adverse effects"[MeSH] OR "Percutaneous Coronary Intervention/mortality"[MeSH] OR "Percutaneous Coronary Intervention/standards"[MeSH]) AND Ticagrelor OR P2Y12 inhibitors OR ("Ticagrelor/administration and dosage"[MeSH] OR "Ticagrelor/adverse effects"[MeSH] OR "Ticagrelor/blood"[MeSH] OR "Ticagrelor/metabolism"[MeSH] OR "Ticagrelor/pharmacology"[MeSH] OR "Ticagrelor/therapeutic use"[MeSH]). The detailed search strategy is as below. No language and publication period restrictions will be applied. Further reference lists of eligible studies, key journals, trial registers, and internet resources will also be searched. Only randomized control trials will be included in the analysis

Predefined Keywords and MeSH

Short-term Dual antiplatelet therapy OR ("Dual Anti-Platelet Therapy/adverse effects"[Mesh] OR "Dual Anti-Platelet Therapy/mortality"[Mesh]) AND Percutaneous coronary intervention OR Coronary intervention OR Coronary Revascularization OR ("Percutaneous Coronary Intervention/adverse effects"[Mesh] OR "Percutaneous Coronary Intervention/mortality"[Mesh] OR "Percutaneous Coronary Intervention/standards"[Mesh]) AND Ticagrelor OR Brilinta OR Brilique OR P2Y12 inhibitors OR ("Ticagrelor/administration and dosage"[Mesh] OR "Ticagrelor/adverse effects"[Mesh] OR "Ticagrelor/blood"[Mesh] OR "Ticagrelor/metabolism"[Mesh] OR "Ticagrelor/pharmacology"[Mesh] OR "Ticagrelor/therapeutic use"[Mesh])

Detailed Search Strategy

("percutaneous coronary intervention"[MeSH Terms] OR ("percutaneous"[All Fields] AND "coronary"[All Fields] AND "intervention"[All Fields]) OR "percutaneous coronary intervention"[All Fields] OR (("coronaries"[All Fields] OR "heart"[MeSH Terms] OR "heart"[All Fields] OR "coronary"[All Fields]) AND ("intervention s"[All Fields] OR "interventions"[All Fields] OR "interventive"[All Fields] OR "methods"[MeSH Terms] OR "methods"[All Fields] OR "intervention"[All Fields] OR "interventional"[All Fields])) OR (("coronaries"[All Fields] OR "heart"[MeSH Terms] OR "heart"[All Fields] OR "coronary"[All Fields]) AND ("revascularisation"[All Fields] OR "revascularisations"[All Fields] OR "revascularise"[All Fields]

OR "revascularised"[All Fields] OR "revascularising"[All Fields] OR "revascularization"[All Fields] OR "revascularizations"[All Fields] OR "revascularize"[All Fields] OR "revascularized"[All Fields] OR "revascularizes"[All Fields] OR "revascularizing"[All Fields])) OR ("percutaneous coronary intervention/adverse effects"[MeSH Terms] OR "percutaneous coronary intervention/mortality"[MeSH Terms] OR "percutaneous coronary intervention/standards"[MeSH Terms])) AND ("ticagrelor"[MeSH Terms] OR "ticagrelor"[All Fields] OR "ticagrelor s"[All Fields] OR ("P2Y12"[All Fields] AND ("antagonists and inhibitors"[MeSH Subheading] OR ("antagonists"[All Fields] AND "inhibitors"[All Fields]) OR "antagonists and inhibitors"[All Fields] OR "inhibitors"[All Fields] OR "inhibitor"[All Fields] OR "inhibitor s"[All Fields])) OR ("ticagrelor/administration and dosage"[MeSH Terms] OR "ticagrelor/adverse effects"[MeSH Terms] OR "ticagrelor/blood"[MeSH Terms] OR "ticagrelor/metabolism"[MeSH Terms] OR "ticagrelor/pharmacology"[MeSH Terms] OR "ticagrelor/therapeutic use"[MeSH Terms])) AND (("Short-term"[All Fields] AND "Dual"[All Fields] AND ("antiplatelet"[All Fields] OR "antiplatelets"[All Fields]) AND ("therapeutics"[MeSH Terms] OR "therapeutics"[All Fields] OR "therapies"[All Fields] OR "therapy"[MeSH Subheading] OR "therapy"[All Fields] OR "therapy s"[All Fields] OR "therapys"[All Fields])) OR ("dual anti platelet therapy/adverse effects"[MeSH Terms] OR "dual anti platelet therapy/mortality"[MeSH Terms]))

Translations

Percutaneous coronary intervention: "percutaneous coronary intervention"[MeSH Terms] OR ("percutaneous"[All Fields] AND "coronary"[All Fields] AND "intervention"[All Fields]) OR "percutaneous coronary intervention"[All Fields]

Coronary: "coronaries"[All Fields] OR "heart"[MeSH Terms] OR "heart"[All Fields] OR "coronary"[All Fields]

intervention: "intervention's"[All Fields] OR "interventions"[All Fields] OR "interventive"[All Fields] OR "methods"[MeSH Terms] OR "methods"[All Fields] OR "intervention"[All Fields] OR "interventional"[All Fields]

Coronary: "coronaries"[All Fields] OR "heart"[MeSH Terms] OR "heart"[All Fields] OR "coronary"[All Fields]

Revascularization: "revascularisation"[All Fields] OR "revascularisations"[All Fields] OR "revascularise"[All Fields] OR "revascularised"[All Fields] OR "revascularising"[All Fields] OR "revascularization"[All Fields] OR "revascularizations"[All Fields] OR "revascularize"[All Fields] OR "revascularized"[All Fields] OR "revascularizes"[All Fields] OR "revascularizing"[All Fields]

Ticagrelor: "ticagrelor"[MeSH Terms] OR "ticagrelor"[All Fields] OR "ticagrelor's"[All Fields]

inhibitors: "antagonists and inhibitors"[Subheading] OR ("antagonists"[All Fields] AND "inhibitors"[All Fields]) OR "antagonists and inhibitors"[All Fields] OR "inhibitors"[All Fields] OR "inhibitor"[All Fields] OR "inhibitor's"[All Fields]

antiplatelet: "antiplatelet"[All Fields] OR "antiplatelets"[All Fields]

therapy: "therapeutics"[MeSH Terms] OR "therapeutics"[All Fields] OR "therapies"[All Fields] OR "therapy"[Subheading] OR "therapy"[All Fields] OR "therapy's"[All Fields] OR "therapys"[All Fields]