SUPPLEMENTARY APPENDIX

Dual Antiplatelet Therapy duration after percutaneous coronary intervention in High Bleeding Risk: a meta-analysis of randomized trials Francesco Costa et al.

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SUPPLEMENTARY TABLES

Supplementary Table 1. Search strategies

Systematic review of the literature of randomized clinical trial exploring abbreviated (≤ 3 months) vs. standard (≥ 6 months) DAPT duration after PCI in patients at High Bleeding Risk.

Database		Method	Result
PubMed			
	Step 1	((((((antiplatelet therapy[Title/Abstract]) OR (dual antiplatelet therapy[Title/Abstract])) OR (aspirin[Title/Abstract]) OR (clopidogrel[Title/Abstract])) OR (prasugrel[Title/Abstract])) OR	66,407
	Step 2	(ticagrelor[Title/Abstract])) OR (p2y12 inhibitor monotherapy[Title/Abstract])) (((((percutaneous coronary intervention[Title/Abstract])) OR (pci[Title/Abstract])) OR (coronary stenting[Title/Abstract])) OR (drug-eluting stent[Title/Abstract])) OR (acute coronary syndrome[Title/Abstract])) OR (acs[Title/Abstract])	84,598
	Step 3	(((high bleeding risk[Title/Abstract]) OR (precise-dapt[Title/Abstract])) OR (HBR-ARC[Title/Abstract]) OR (high bleeding risk academic research consortium[Title/Abstract])	847
	Step 4	((((((((antiplatelet therapy[Title/Abstract]) OR (dual antiplatelet therapy[Title/Abstract])) OR (aspirin[Title/Abstract]) OR (clopidogrel[Title/Abstract])) OR (prasugrel[Title/Abstract])) OR (ticagrelor[Title/Abstract])) OR (prasugrel[Title/Abstract])) OR (ticagrelor[Title/Abstract])) OR (prasugrel[Title/Abstract])) OR (drug-eluting stent[Title/Abstract])) OR (acute coronary syndrome[Title/Abstract])) OR (acute coronary syndrome[Title/Abstract])) OR (precise-dapt[Title/Abstract])) OR (HBR-ARC[Title/Abstract])) OR (high bleeding risk academic research consortium[Title/Abstract])) AND 2000/1/1:2021/09/06[Date-Publication]))	226
Embase			
	Step 1	'antiplatelet therapy':ab,ti OR 'dual antiplatelet therapy':ab,ti OR 'aspirin':ab,ti OR 'clopidogrel':ab,ti OR 'prasugrel':ab,ti OR 'ticagrelor':ab,ti OR 'p2y12 inhibitor monotherapy':ab,ti	104,292
	Step 2	'percutaneous coronary intervention':ab,ti OR 'pci':ab,ti OR 'coronary stenting':ab,ti OR 'drug-eluting stent':ab,ti OR 'acute coronary syndrome':ab,ti OR 'acs':ab,ti	148,582
	Step 3	'high bleeding risk':ab,ti OR 'precise dapt':ab,ti OR 'hbr arc':ab,ti OR 'high bleeding risk academic research consortium':ab,ti	1,418
	Step 4	('antiplatelet therapy':ab,ti OR 'dual antiplatelet therapy':ab,ti OR 'aspirin':ab,ti OR 'clopidogrel':ab,ti OR 'prasugrel':ab,ti OR 'ticagrelor':ab,ti OR 'p2y12 inhibitor monotherapy':ab,ti) AND ('percutaneous coronary intervention':ab,ti OR 'pci':ab,ti OR 'coronary stenting':ab,ti OR 'drug-eluting stent':ab,ti OR 'acute coronary syndrome':ab,ti OR 'acs':ab,ti) AND ('high bleeding risk':ab,ti OR 'precise dapt':ab,ti OR 'hbr arc':ab,ti OR 'high bleeding risk academic research consortium':ab,ti)	309
BioMed Central		'(antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor OR p2Y12 inhibitor monotherapy) AND (percutaneous coronary intervention OR PCI OR coronary stenting OR drug-eluting stent OR acute coronary syndrome OR ACS) AND (high bleeding risk OR PRECISE-DAPT OR HBR-ARC OR high bleeding risk academic research consortium)'	11
Google Scholar			
		'(antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor OR p2Y12 inhibitor monotherapy)	20,500
		(percutaneous coronary intervention OR PCI OR coronary stenting OR drug- eluting stent OR acute coronary syndrome OR ACS)	74,700
		(high bleeding risk OR PRECISE-DAPT OR HBR-ARC OR high bleeding risk academic research consortium)'	90,400
		'(antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor OR p2Y12 inhibitor monotherapy) AND (percutaneous coronary intervention OR PCI OR coronary stenting OR drug-eluting stent OR acute coronary syndrome OR ACS) AND (high bleeding risk OR PRECISE-DAPT OR HBR-ARC OR high bleeding risk academic research consortium)'	5,770

Cochrane Central Register		
	antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor OR p2Y12 inhibitor monotherapy in Title Abstract Keyword	20,103
	percutaneous coronary intervention OR PCI OR coronary stenting OR drug- eluting stent OR acute coronary syndrome OR ACS in Title Abstract Keyword	28,190
	high bleeding risk OR PRECISE-DAPT OR HBR-ARC OR high bleeding risk academic research consortium)	5,016
	antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor OR p2Y12 inhibitor monotherapy in Title Abstract Keyword AND percutaneous coronary intervention OR PCI OR coronary stenting OR drug-eluting stent OR acute coronary syndrome OR ACS in Title Abstract Keyword AND high bleeding risk OR PRECISE-DAPT OR HBR-ARC OR high bleeding risk academic research consortium in Title Abstract Keyword - (Word variations have been searched)	647
www.escardio.org	Keywords used were "antiplatelet therapy", "DAPT", "aspirin", "clopidogrel", "ticagrelor", "high bleeding risk", "PRECISE-DAPT", "HBR-ARC".	"prasugrel",
www.acc.org	Reports before 01 Jan 2000 were not searched.	
www.heart.org	_	
www.pcronline.com	<u>.</u>	
www.tctmd.com		
www.crtonline.gov		
www.clinicaltrials.gov	_	
www.clinicaltrialsregister.eu	-	

Systematic review of the literature of randomized clinical trial exploring abbreviated (≤ 3 months) vs. standard (≥ 6 months) DAPT duration after PCI.

Database	Method	Result
PubMed		
Step 1	(((("antiplatelet therapy"[Title/Abstract] OR "clopidogrel"[Title/Abstract]) OR "prasugrel"[Title/Abstract]) OR "ticagrelor"[Title/Abstract]) AND (((((((((((((((((((((((((((((((((((4,303
Step 2	((((("antiplatelet therapy"[Title/Abstract]) OR "clopidogrel"[Title/Abstract]) OR "prasugrel"[Title/Abstract]) OR "ticagrelor"[Title/Abstract]) AND (((((((((((((((((((((((((((((((((((286

	OR "randomized controlled trial"[Publication Type]) AND "humans"[MeSH Terms]) AND 2004/4/11:2020/12/31[Date - Publication]))) AND DAPT duration	
Embase		
	'antiplatelet therapy':ab,ti OR 'dual antiplatelet therapy':ab,ti OR 'aspirin':ab,ti OR 'clopidogrel':ab,ti OR 'prasugrel':ab,ti OR 'ticagrelor':ab,ti OR 'duration'':ab,ti AND 'randomized clinical trial':ab,ti	4,242
BioMed Central	'(antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor) AND (percutaneous coronary intervention OR PCI OR coronary stenting OR drug-eluting stent OR acute coronary syndrome OR ACS) AND duration AND randomized clinical trial'	122
Google Scholar		
	'(antiplatelet therapy OR dual antiplatelet therapy OR aspirin OR clopidogrel OR prasugrel OR ticagrelor) AND (percutaneous coronary intervention OR PCI OR coronary stenting OR drug-eluting stent OR acute coronary syndrome OR ACS) AND duration AND randomized clinical trial'	20,600
	T 1 1 % C'1414 (1 % SDADTW 6 '' W 61 '1	122 44 122
www.escardio.org	Keywords used were "antiplatelet therapy", "DAPT", "aspirin", "clopidogre "ticagrelor", "duration", "randomized clinical trial" Reports before 01 Jan 2000 were not searched.	·l", "prasugrel",

Supplementary Table 2. PRISMA Checklist.

Section/topic	#	Checklist item	Reported on page #
TITLE	·		
Title	1	Identify the report as a systematic review, meta-analysis, or both.	1
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number.	1-2
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	3
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	3
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number.	
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	4
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	4, Appendix
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	
Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	
Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in	5

		any data synthesis.	
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means).	5,6
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I²) for each meta-analysis.	5,6
Risk of bias across studies	15	Specify any assessment of risk of bias that may affect the cumulative evidence (e.g., publication bias, selective reporting within studies).	5, Appendix
Additional analyses	16	Describe methods of additional analyses (e.g., sensitivity or subgroup analyses, meta-regression), if done, indicating which were pre-specified.	5,6
RESULTS			
Study selection	17	Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram.	6, Appendix
Study characteristics	18	For each study, present characteristics for which data were extracted (e.g., study size, PICOS, follow-up period) and provide the citations.	6,7, Appendix
Risk of bias within studies	19	Present data on risk of bias of each study and, if available, any outcome level assessment (see item 12).	7 Appendix
Results of individual studies	20	For all outcomes considered (benefits or harms), present, for each study: (a) simple summary data for each intervention group (b) effect estimates and confidence intervals, ideally with a forest plot.	
Synthesis of results	21	Present results of each meta-analysis done, including confidence intervals and measures of consistency.	6-8, Appendix
Risk of bias across studies	22	Present results of any assessment of risk of bias across studies (see Item 15).	5, Appendix
Additional analysis	23	Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]).	6-8, Appendix
DISCUSSION			
Summary of evidence	24	Summarize the main findings including the strength of evidence for each main outcome; consider their relevance to key groups (e.g., healthcare providers, users, and policy makers).	
Limitations	25	Discuss limitations at study and outcome level (e.g., risk of bias), and at review-level (e.g., incomplete retrieval of identified research, reporting bias).	12-13
Conclusions	26	Provide a general interpretation of the results in the context of other evidence, and implications for future research.	9-13

FUNDING			
Funding	27	Describe sources of funding for the systematic review and other support (e.g., supply of data); role of funders for the systematic review.	13

Supplementary Table 3. Time of randomization and endpoints definitions for the included studies.

Trial	Time of Randomization	Major or clinically relevant non-major bleeding definition*	Major Bleeding definition	MACE Definition 1	MACE Definition 2
GLOBAL-LEADERS/GLASSY	Index PCI	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
MASTER-DAPT	1 month	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
ONE-MONTH-DAPT	Index PCI	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
OPTIMIZE	Index PCI	TIMI major or minor	TIMI major or minor	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
REDUCE	Index PCI	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
RESET	Index PCI	TIMI major or minor	TIMI major or minor	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
SMART-CHOICE	Index PCI	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
STOPDAPT-2	Index PCI	TIMI major or minor	TIMI major or minor	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
STOPDAPT-2-ACS	Index PCI	TIMI major or minor	TIMI major or minor	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
TICO	Index PCI	TIMI major or minor	TIMI major or minor	All-cause death, MI or stroke	Cardiovascular death, MI or stroke
TWILIGHT	3 months	BARC 2-5	BARC 3 or 5	All-cause death, MI or stroke	Cardiovascular death, MI or stroke

^{*} According to each study definition. BARC: Bleeding Academic Research Consortium; CV: Cardiovascular; HBR: High Bleeding Risk; MACE: Major Adverse Cardiovascular Events; MI: Myocardial Infarction; ST: Stent Thrombosis, TIMI: Thrombolysis in Myocardial Infarction.

Supplementary Table 4. Inclusion and exclusion criteria across the included trials.

Trial	Inclusion criteria Inclusion criteria	Exclusion criteria
GLOBAL LEADERS / GLASSY	 Age ≥18 years Any clinical indication for PCI Native coronary artery or graft (venous or arterial) stenosis ≥50% suitable for PCI and reference vessel diameter ≥2.50 mm Written informed consent Willingness to participate in 2-year follow-up 	 Fibrinolytic therapy ≤24 hours Severe hepatic impairment Major surgery ≤30 days Planned staged CABG (hybrid revascularization) ≤12 months Planned surgery ≤12 months Need for anticoagulation PCI for stent thrombosis Active major bleeding History of intracranial haemorrhage or intracranial aneurysm Stroke ≤30 days Pregnancy or breastfeeding Inability to provide informed consent
MASTER-DAPT	▶ Age ≥18 years	Participation in another study Treated with stents other than Ultimaster stent within 6 months
WASTER-DATT	• All lesions are successfully treated with Ultimaster stent in the context of	prior to index procedure
	routine clinical care • Free from any flow-limiting angiographic complications	• Treated for in-stent restenosis or stent thrombosis at index PCI or within 6 months before
	 All stages of PCI are complete (if any) and no further PCI is planned. At randomization visit (one month after index PCI), the following 	• Treated with a bioresorbable scaffold at any time prior to index procedure
		• Cannot provide written informed consent
	• Fulfilment of at least one HBR criterion, or on the basis of post-PCI actionable non-access site related bleeding episode	• Under judicial protection, tutorship or curatorship
	• Uneventful 30-day clinical course	• Unable to understand and follow study-related instructions or unable to comply with study protocol
	• If not on OAC,	 Active bleeding requiring medical attention (BARC≥2) on randomization visit
	o Patient is on a DAPT regimen of aspirin and a P2Y12 inhibitor	• Life expectancy less than one year
	○ Patient with one type of P2Y12 inhibitor for at least 7 daysIf on OAC	• Known hypersensitivity or allergy for aspirin, clopidogrel, ticagrelor, prasugrel, cobalt chromium or sirolimus
	 Patient is on the same type of OAC (e.g. Vitamin K antagonist or NOAC) for at least 7 days 	• Any planned and anticipated PCI
	o Patient is on clopidogrel for at least 7 days	• Participation in another trial
	• At least one HBR criteria is met:	• Pregnant or breast feeding women
	• Clinical indication for treatment with oral anticoagulants (OAC) for at least 12 months	
	 Recent (<12 months) non-access site bleeding episode(s), which required medical attention (i.e. actionable bleeding). 	
	 Previous bleeding episode(s) which required hospitalization if the underlying cause has not been definitively treated (i.e. surgical removal of the bleeding source) 	

	Age equal or greater than 75 years	
	• Systemic conditions associated with an increased bleeding risk (e.g. haematological disorders, including a history of or current thrombocytopaenia defined as a platelet count <100,000/mm3 (<100 x 109/L), or any known coagulation disorder associated with increased bleeding risk.	
	 Documented anaemia defined as repeated haemoglobin levels <11 g/dl or transfusion within 4 weeks before randomization. 	
	 Need for chronic treatment with steroids or non-steroidal anti- inflammatory drugs 	
	 Diagnosed malignancy (other than skin) considered at high bleeding risk including gastro-intestinal, genito-urethral/renal and pulmonary. 	
	 Stroke at any time or TIA in the previous 6 months 	
	 PRECISE DAPT score of 25 or greater 	
ONE-MONTH-DAPT	• Patients ≥ 19 years old	Acute myocardial infarction
	 Patients with ischemic heart disease who are considered for coronary revascularization with PCI Significant coronary de novo lesion 	 Complex lesion morphologies such as aorta-ostial, unprotected left main, chronic total occlusion, graft, thrombosis, heavy calcified (definite calcified lesions on angiogram) or extremely tortuous lesion Need to use of dual antiplatelet therapy more than 1 month because of other medical conditions
		 Cardiogenic shock or experience of cardiopulmonary resuscitation Contraindication or hypersensitivity to Biolimus A9, stainless steel, heparin, antiplatelet agents or contrast media History of documented prior cerebrovascular attack within 6 months
		• Treated with any stent within 3 months
		• Reference vessel diameter <2.25 mm or >4.0 mm
		 Pregnant women or women with potential childbearing Inability to follow the patient over the period of 1 year after enrollment, as assessed by the investigator
		Inability to understand or read the informed content
OPTIMIZE	 Age ≥18 years Silent ischaemia, stable angina, unstable angina, or subacute myocardial infarction without elevate biomarkers 	• STEMI
	• Native coronary artery stenosis >50%	• Prior PCI with DES
	• Reference vessel diameter ≥2.50 mm	• Prior PCI with bare-metal stent in nontarget lesion <6 months
	PCI with CoCr DP zotarolimus-eluting stent William and the compliant with the state and a section.	• Saphenous vein graft target lesion
	 Willingness to be compliant with the study protocol Absence of in-hospital major complication other than periprocedure 	 Planned surgery <12 months Unsuitable anatomy for stenting with CoCr DP zotarolimus-
	Absence of in-nospital major complication other than periprocedure myocardial infarction	Onsultable anatomy for stenting with CoCr DP zotaronmus- eluting stent
	Written informed consent	• Life expectancy <3 years
		• Predicted impossibility to fully comply with the study protocol
REDUCE	 Age ≥18 years Unstable angina, NSTEMI, or STEMI 	Cardiogenic shock Recent major bleeding or contraindication to DAPT
	- Chiance anglina, 1101Ditti, of O1Ditti	Treeth major broading of contramercation to DAI I

- Successful implantation of CoCr BP anti-CD34 antibody-coated sirolimus-eluting stent
- Written informed consent
- Willingness comply with the study protocol

(hypersensitivity to aspirin, clopidogrel, prasugrel, or ticagrelor; need for oral anticoagulation; history of bleeding diathesis, known coagulopathy, or refusal of blood transfusions; history of intracerebral mass, aneurysm, arteriovenous malformation, or haemorrhagic stroke; stroke or transient ischemic attack <6 months or any permanent residual neurologic impairment; gastrointestinal or genitourinary bleeding <2 months or major surgery <6 weeks; recent or known haemoglobin <10 g/dL or platelet count <100000 mm³; planned surgical procedure necessitating P2Y₁₂-I interruption <12 months)

- Need for cardiac surgery
- Planned PCI in another lesion, within or outside the target vessel, before discharge
- Implantation of DES other than CoCr BP anti-CD34 antibodycoated sirolimus-eluting stent
- Prior implantation of DES < 9 months
- Predictable noncompliance to the study protocol
- Need for permanent DAPT
- Organ transplantation recipient or candidate
- Life expectancy <2 years
- Potential or documented pregnancy
- Any significant medical or physical condition that could result in study protocol violation
- Participation in another study
- Contraindication to anti-platelet agents
- Known hypersensitivity or contraindication to any of the following medications: heparin, aspirin, clopidogrel, limusrelated drugs
- LVEF <40%
- Prior stenting with DES
- Overlapping DES in subgroups other than long lesion
- Bifurcation lesion required 2-stent strategy
- In-stent restenosis
- Prior stroke
- Prior stent thrombosis
- Prior systemic embolism
- Peripheral occlusive diseases
- Three-times increase above the normal reference value of liver function markers
- Serum creatinine >2.0 mg/dL
- Significant leukopenia, neutropenia, thrombocytopenia, anemia, or known bleeding diathesis
- Life expectancy ≤3 years

RESET

- Age ≥20 years
- Coronary artery disease including stable angina, unstable angina, Bleeding history ≤3 months NSTEMI and STEMI
- Patients with typical chest pain or evidences of myocardial ischemia (e.g., stable or unstable angina, or silent ischemia and positive functional study or reversible changes in the electrocardiogram consistent with • Cardiogenic shock ischaemia)
- Coronary artery stenosis >50% by visual estimate considered to be LM disease amenable for coronary revascularization with stent implantation
- Reference vessel diameter between 2.50 and 4.00 mm
- Acute coronary syndrome, diabetes mellitus, and short lesion subgroups: length of single lesion <24 mm and total stent length <60 mm
- Long lesion subgroup: single lesion >28 mm and total stent length ≤90
- Successful stenting defined as ≤30% residual stenosis, TIMI flow 3, and NHLBI dissection type ≤B
- Written informed consent

SMART CHOICE	. A > 20	 Potential or documented pregnancy Predictable protocol non-compliance Participation in another study Hypersensitivity or contraindication to aspirin, clopidogrel,
SMART CHOICE	 Age ≥20 years Native coronary artery stenosis ≥50% with visually estimated diameter 2.25 mm-4.25 mm Target lesion amenable for PCI Uncomplicated PCI with DES implantation Written informed consent 	 Prasugrel, ticagrelor, everolimus, and sirolimus Hemodynamic instability or cardiogenic shock Active pathologic bleeding DES implantation ≤12 months Potential or documented pregnancy Life expectancy <2 years Predictable protocol non-compliance Participation in another study
STOPDAPT-2	 Age ≥20 years PCI with CoCr DP everolimus-eluting stent Target lesion(s) amenable for PCI Uncomplicated PCI with DES implantation Absence of in-hospital major complication other than periprocedure myocardial infarction Written informed consent 	 Intolerance or contraindication to clopidogrel or dual antiplatelet therapy Need for oral anticoagulation or antiplatelet therapy other than aspirin and P2Y₁₂-I Other antiplatelet drugs History of intracranial haemorrhage Implantation of DES other than CoCr DP everolimus-eluting Implantation of bioresorbable vascular scaffold prior or at the time of enrolment
STOPDAPT-2-ACS	 Patients received percutaneous coronary intervention with cobalt-chromium everolimus-eluting stent under the setting of acute coronary syndrome Patients who are capable of oral dual antiplatelet therapy consisting of aspirin and P2Y12 receptor antagonist 	 Patients requiring oral anticoagulants Patients with medical history of intracranial hemorrhage Patients who have experienced serious complications (myocardial infarction, stroke, and major bleeding) during hospital stay after percutaneous coronary intervention Patients with drug eluting stents other than Cobalt chromium everolimus eluting stents implanted at the time of enrolment Patients confirmed to have no tolerability to clopidogrel before enrolment Patients requiring continuous administration of antiplatelet drugs other than aspirin and P2Y12 receptor antagonists at the time of enrollment
TICO	 Age ≥19 years Bioresorbable polymer sirolimus-eluting stent Implantation to treat acute coronary syndrome Written informed consent 	 Age >80 years Increased bleeding risk (prior haemorrhagic stroke; ischemic stroke, dementia, or impairment of central nervous system <1 year; traumatic brain injury or brain surgery <6 months; known intracranial tumour; documented or suspected aortic dissection; internal bleeding <6 weeks; active bleeding or bleeding diathesis; haemoglobin <8 g/dL, platelet count <100000 mm3; major surgery or traumatic injury resulting in any impairment of physical activity <3 weeks) Need for oral anticoagulation therapy Potential or documented pregnancy Life expectancy <1 year

		 Strong cytochrome 3A4 inhibitors 			
		Moderate to severe hepatic dysfunction			
		 Increased risk of bradycardia-related symptoms 			
TWILIGHT	At least one of the following clinical criteria:	• Age <18 years			
	 Age ≥65 years 	Contraindication to aspirin or ticagrelor			
	• Female gender	 Planned surgery ≤90 days 			
	 Troponin positive acute coronary syndrome 	• Planned coronary revascularization (PCI or CABG) ≤90 days			
	• Established vascular disease (prior myocardial infarction, peripheral				
	artery disease, prior revascularization for CAD or peripheral artery	• Prior stroke			
	disease)	Dialysis-dependent renal failure			
	 Diabetes mellitus under treatment 	• Active bleeding or extreme risk for major bleeding (e.g., active			
	 Chronic kidney disease defined as an estimated glomerular filtration rate <60 mL/min/1.73 m² 	peptic ulcer disease, gastrointestinal disease with raised risk obleeding, malignancies with raised risk of bleeding)			
		Salvage PCI for cardiogenic shock or STEMI			
	and at least one of the following angiographic criteria:	• Liver cirrhosis			
	 Multivessel CAD 	• Life expectancy <1 year			
	 Left main stenosis >50% or left anterior descending stenosis >70% 	• Inability or unwillingness to provide informed consent			
	 Target lesion requiring total stent length >30 mm 	Potential or documented pregnancy			
	 Thrombotic target lesion 	• Fibrinolytic therapy ≤24 hours			
	 Calcified target lesion requiring atherectomy Bifurcation lesions X,1,1 type requiring two stents 	 Concomitant therapy with strong cytochrome P-450 3A inhibite or inducer 			
		• Platelet count <100000 mm ³			
		• Need for therapy with aspirin at a dose ≥325 mg daily			

CoCr=Cobalt-chromium; CABG=Coronary artery bypass grafting; CAD=Coronary artery disease; DP=Durable polymer, DES=drug eluting stent; P2Y₁₂-I=P2Y₁₂ inhibitor; PCI=Percutaneous coronary intervention; STEMI=ST-segment elevation myocardial infarction; DES=Drug-eluting stent; LM=Left main; LVEF=Left ventricular ejection fraction; NHLBI=National Heart Lung Blood Institute; NSTEMI=Non-ST-segment elevation myocardial infarction; P2Y₁₂-I=P2Y₁₂ inhibitor; PCI=Percutaneous coronary intervention; STEMI=ST-segment elevation myocardial infarction; TIMI=Thrombolysis in Myocardial Infarction.

Supplementary Table 5. Qualitative assessment of potential sources of bias across the included trials.

	RESET	OPTIMIZE	GLOBAL LEADERS	GLASSY	STOPDAPT- 2	STOPDAPT- 2-ACS	MASTER- DAPT	REDUCE	TWILIGHT	SMART CHOICE	ONE MONTH DAPT	TICO	Overall
Random sequence generation (Selection bias)	•	•	•	•	•	•	•	•	•	•	•	•	•
Allocation concealment (Selection bias)	•	•	•	•	•	•	•	•	•	•	•	•	•
Blinding of participants and personnel (Performance bias)	•	•	!	•	•	•	•	•	•	•	•	•	•
Incomplete outcome data (Attrition bias)	•	•	•	•	•	•	•	•	•	•	•	•	•
Selective reporting (Reporting bias)	•	•	•	•	•	•	•	•	•	•	•	•	•
Other sources of bias	•	•	•	•	•	•	•	•	•	•	•	•	•

All included trials were randomized controlled trials with a random sequence generation to assign treatment strategy. All included trials were open-label, with the exception of the TWILIGHT that was double-blind. GLOBAL LEADERS trial was the only study that not included central event adjudication by a clinical event commettee. GLASSY was a prespecified substudy of the GLOBAL LEADERS trial implementing independent central events adjudication, this included a subgroup of the GLOBAL LEADERS population comprising the same randomized design. The TWILIGHT and MASTER-DAPT trials included patients after uneventful 3 months and 1 month respectively. This trial design limits the influence of early variations in clinical events unrelated to antiplatelet therapy. Other studies reported landmark analysis after treatment divergence occurred.

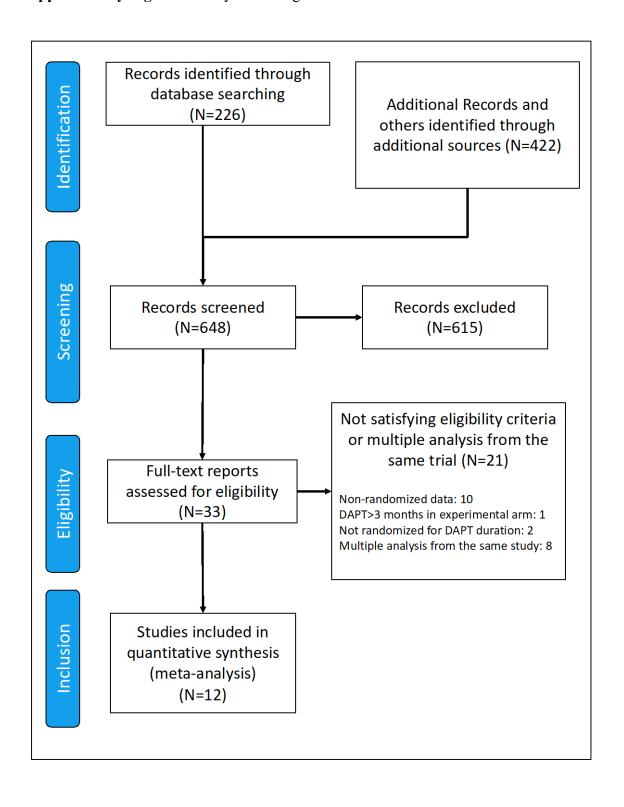
Supplementary Table 6. Leave-one-out analysis for major or clinically relevant non-major bleeding, major bleeding and major adverse cardiovascular events definitions.

		MCRB			Major bleeding		MACE 1				MACE 2		
excluded study	RR	95% CI	p	RR	95% CI	р	RR	95% CI	p	RR	95% CI	p	
none	0.7573	[0.6086; 0.9423]	0.0177	0.7999	[0.6430; 0.9950]	0.0458	0.9672	[0.7401; 1.2640]	0.7871	0.9190	[0.7682; 1.0994]	0.3183	
RESET	0.7539	[0.5945; 0.9561]	0.0248	0.8023	[0.6337; 1.0158]	0.0639	0.9794	[0.7318; 1.3108]	0.8752	0.9257	[0.7672; 1.1170]	0.3769	
OPTIMIZE	0.7619	[0.5982; 0.9705]	0.0316	0.8170	[0.6431; 1.0380]	0.0885	0.9407	[0.7013; 1.2617]	0.6487	0.9010	[0.7463; 1.0878]	0.2422	
SMART-CHOICE	0.7620	[0.5993; 0.9689]	0.0307	0.7790	[0.6224; 0.9750]	0.0329	0.9467	[0.7017; 1.2773]	0.6889	0.9227	[0.7573; 1.1243]	0.3811	
REDUCE	0.7510	[0.5931; 0.9510]	0.0227	0.7987	[0.6314; 1.0103]	0.0588	0.9584	[0.7148; 1.2851]	0.7507	0.9195	[0.7578; 1.1157]	0.3519	
GLOBAL-LEADERS	0.6613	[0.5562; 0.7862]	0.0004	0.7043	[0.5748; 0.8628]	0.0036	0.9658	[0.6955; 1.3411]	0.8159	0.9126	[0.7207; 1.1556]	0.4038	
STOPDAPT-2	0.7793	[0.6307; 0.9630]	0.0258	0.8235	[0.6725; 1.0084]	0.0582	0.9653	[0.7102; 1.3119]	0.8003	0.9205	[0.7551; 1.1222]	0.3689	
STOPDAPT-2-ACS	0.7585	[0.5987; 0.9610]	0.0268	0.8075	[0.6389; 1.0206]	0.0689	0.9218	[0.7708; 1.1024]	0.3303	0.8914	[0.7583; 1.0478]	0.1422	
MASTER-DAPT	0.8047	[0.6308; 1.0265]	0.0742	0.8111	[0.6282; 1.0474]	0.0970	0.9787	[0.7087; 1.3515]	0.8833	0.9020	[0.7286; 1.1167]	0.3029	
TWILIGHT	0.7832	[0.6119; 1.0025]	0.0519	0.8329	[0.6624; 1.0473]	0.1044	0.9723	[0.7110; 1.3296]	0.8436	0.9239	[0.7533; 1.1331]	0.4031	
ONE-MONTH DAPT	0.7300	[0.5909; 0.9019]	0.0083	0.7900	[0.6263; 0.9964]	0.0472	1.0121	[0.7944; 1.2894]	0.9130	0.9477	[0.8018; 1.1202]	0.4859	
TICO	0.7595	[0.5922; 0.9740]	0.0338	0.8229	[0.6407; 1.0568]	0.1118	1.0072	[0.7873; 1.2885]	0.9491	0.9379	[0.7943; 1.1073]	0.4050	

MACE: Major Adverse Cardiovascular Events; MCRB: Major or Clinically Relevant non-major Bleeding.

SUPPLEMENTARY FIGURES

Supplementary Figure 1. Study Flow diagram



Supplementary Figure 2: Bleeding events according to Thrombosis in Myocardial Infarction (TIMI) definition.

TIMI major and minor

Otrada	Abbrev			ndard	Diel Detie		05% 01	18/-!
Study	Events	lotai	Events	lotai	Risk Ratio	RR	95%-CI	Weight
RESET	3	253	4	237		0.70	[0.16; 3.11]	2.9%
OPTIMIZE	10	191	18	223	- • 	0.65	[0.31; 1.37]	11.5%
SMART-CHOICE		291		287				0.0%
REDUCE		80		71				0.0%
GLOBAL-LEADERS		1248		1235				0.0%
STOPDAPT-2	3	272	10	296		0.33	[0.09; 1.17]	3.9%
STOPDAPT-2-ACS	4	280	6	254	-	0.60	[0.17; 2.12]	4.1%
MASTER-DAPT	16	862	21	850	-=	0.75	[0.39; 1.43]	15.5%
TWILIGHT	33	531	55	556	-	0.63	[0.41; 0.95]	37.3%
ONE-MONTH DAPT	5	276	5	314		1.14	[0.33; 3.89]	4.3%
TICO	18	192	28	207	- *	0.69	[0.40; 1.21]	20.6%
Random effects model		4476		4530	*	0.66	[0.56; 0.79]	100.0%
Heterogeneity: $I^2 = 0\%$, τ^2	= 0, p = 0	.95			0.1	10		
					0.1 0.5 1 2	10		
					Relative Risk (95% CI)			

TIMI major

	Abbrev			ndard				
Study	Events	Total	Events	Total	Risk Ratio	RR	95%-CI	Weight
RESET	0	253	2	237		0.19	[0.01; 3.9]	2.0%
OPTIMIZE	3	191	5	223	- *	0.70	[0.17; 2.9]	9.2%
SMART-CHOICE		291		287	<u> </u>			0.0%
REDUCE		80		71	<u> </u>			0.0%
GLOBAL-LEADERS		1248		1235	<u> </u>			0.0%
STOPDAPT-2	0	272	1	296	• :	0.36	[0.01; 8.9]	1.8%
STOPDAPT-2-ACS	3	280	2	254		1.36	[0.23; 8.1]	5.9%
MASTER-DAPT	9	862	11	850	- 	0.81	[0.34; 1.9]	24.2%
TWILIGHT	6	531	9	556	-	0.70	[0.25; 1.9]	17.7%
ONE-MONTH DAPT	1	276	3	314	*:	0.38	[0.04; 3.6]	3.6%
TICO	11	192	18	207	-	0.66	[0.32; 1.4]	35.5%
					<u> </u>			
Random effects mode		4476		4530	•	0.69	[0.53; 0.9]	100.0%
Heterogeneity: $I^2 = 0\%$, τ^2	= 0, p = 0	.97						
					0.01 0.1 1 10	100		
					Relative Risk (95% CI)			

Supplementary Figure 3: Bleeding events according to Bleeding Academic Research Consortium (BARC) definition.

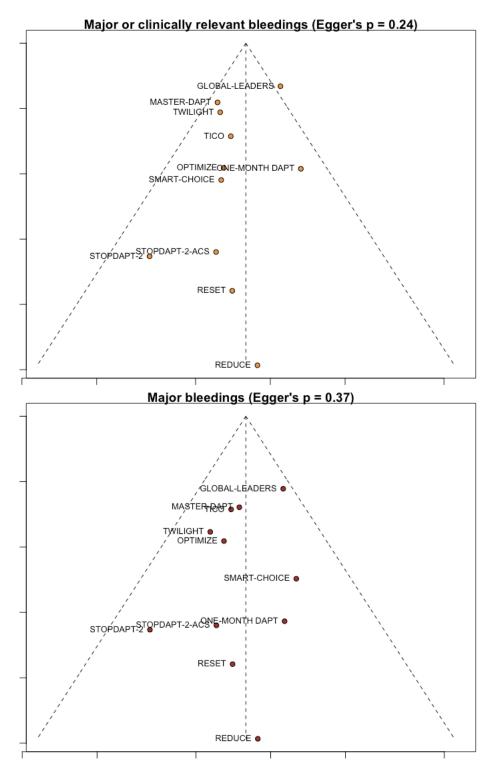
BARC 2-5

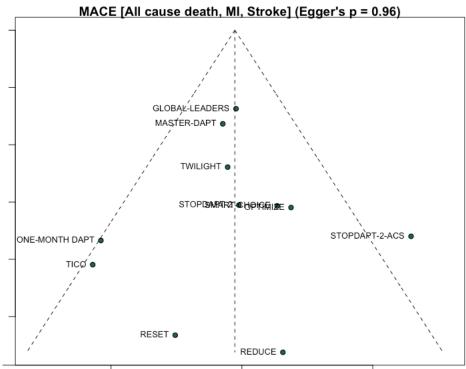
Study	Abbrev Events		Star Events	ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET		253		237				0.0%
OPTIMIZE SMART-CHOICE	18	191 291	19	223 287	_ : _	0.02	[0 50: 1 74]	0.0% 12.8%
REDUCE	10	80	19	71		0.93	[0.50; 1.74]	0.0%
GLOBAL-LEADERS	111	1248	100	1235	<u></u>	1 10	[0.85; 1.42]	22.5%
STOPDAPT-2	9	272	25	296				10.5%
STOPDAPT-2-ACS	5	280	9	254			[0.17; 1.48]	6.3%
MASTER-DAPT	46	862	74	850	_ 		[0.43; 0.87]	19.7%
TWILIGHT	33	531	55	556		0.63	[0.41; 0.95]	18.0%
ONE-MONTH DAPT	14	276	12	314	- •	1.33	[0.62; 2.82]	10.3%
TICO		192		207				0.0%
Random effects model Heterogeneity: $I^2 = 61\%$, τ		4476	.02	4530	0.2 0.5 1 2 5	0.76	[0.52; 1.10]	100.0%
					Relative Risk (95% CI)			
					(30 /0 OI)			

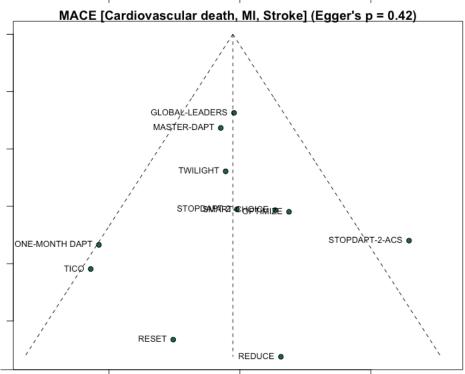
BARC 3-5

Study	Abbrevia Events T			ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET		253		237	<u> </u>			0.0%
OPTIMIZE		191		223				0.0%
SMART-CHOICE	9	291	7	287		1.27	[0.48; 3.36]	6.1%
REDUCE	2	80	2	71		0.89	[0.13; 6.14]	1.6%
GLOBAL-LEADERS	42 1	1248	37	1235	: -	1.12	[0.73; 1.74]	30.0%
STOPDAPT-2	4	272	14	296		0.31	[0.10; 0.93]	4.8%
STOPDAPT-2-ACS	4	280	7	254		0.52	[0.15; 1.75]	3.9%
MASTER-DAPT	22	862	29	850	- 	0.75	[0.43; 1.29]	19.2%
TWILIGHT	12	531	22	556	 	0.57	[0.29; 1.14]	12.0%
ONE-MONTH DAPT	5	276	5	314		1.14	[0.33; 3.89]	3.9%
TICO	18	192	28	207	- = 	0.69	[0.40; 1.21]	18.4%
Random effects model	4	4476		4530		0.80	[0.60; 1.07]	100.0%
Heterogeneity: $I^2 = 1\%$, τ^2	= 0.0015, p	0 = 0.4	13		1 1 1 1			
					0.2 0.5 1 2 5			
					Relative Risk (95% CI)			

Supplementary Figure 4: Funnel plots for major or clinically relevant non-major bleeding (A), major bleeding (B), major adverse cardiovascular events 1 (C) and major adverse cardiovascular events 2 (D)







Supplementary Figure 5: Secondary ischemic endpoints explored.

Myocardial Infarction

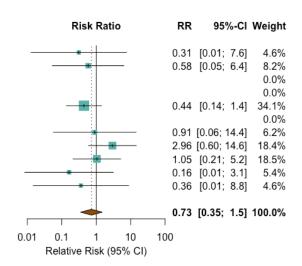
Study	Abbrevia Events T			ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET	0	253	2	237		0.19	[0.01; 3.88]	1.7%
OPTIMIZE	7	191	9	223	 	0.91	[0.34; 2.39]	11.7%
SMART-CHOICE	2	291	7	287		0.28	[0.06; 1.34]	5.6%
REDUCE	1	80	2	71		0.44	[0.04; 4.79]	2.6%
GLOBAL-LEADERS	13 1	1248	14	1235	- #-	0.92	[0.43; 1.95]	16.2%
STOPDAPT-2	6	272	3	296	 •	2.18	[0.55; 8.62]	6.9%
STOPDAPT-2-ACS	7	280	1	254	 	6.35 [0.79; 51.26]	3.3%
MASTER-DAPT	30	862	29	850		1.02	[0.62; 1.68]	23.9%
TWILIGHT	19	531	22	556	*	0.90	[0.50; 1.65]	20.4%
ONE-MONTH DAPT	2	276	11	314	- • i	0.21	[0.05; 0.93]	6.0%
TICO	0	192	3	207		0.15	[0.01; 2.96]	1.7%
Random effects model Heterogeneity: $I^2 = 27\%$, τ		4476 p = 0.1	18	4530		0.84 [[0.51; 1.38]	100.0%
	,	,			0.01 0.1 1 10	100		
					Relative Risk (95% CI)			

Stroke

Study	Abbre Events		Star Events	ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET	2	253	1	237		1.87	[0.17; 20.5]	2.6%
OPTIMIZE	1	191	0	223		- 3.50	[0.14; 85.5]	1.5%
SMART-CHOICE	4	291	3	287	- = -	1.32	[0.30; 5.8]	6.8%
REDUCE	0	80	0	71				0.0%
GLOBAL-LEADERS	22	1248	17	1235		1.28	[0.68; 2.4]	38.2%
STOPDAPT-2	4	272	8	296		0.54	[0.17; 1.8]	10.7%
STOPDAPT-2-ACS	6	280	3	254		1.81	[0.46; 7.2]	8.0%
MASTER-DAPT	9	862	10	850		0.89	[0.36; 2.2]	18.8%
TWILIGHT	3	531	1	556		3.14	[0.33; 30.1]	2.9%
ONE-MONTH DAPT	4	276	4	314	- •	1.14	[0.29; 4.5]	7.9%
TICO	1	192	2	207		0.54	[0.05; 5.9]	2.6%
Random effects model Heterogeneity: $I^2 = 0\%$, τ^2		4476		4530		1.15	[0.84; 1.6]	100.0%
riotorogonoity. r = 070, t	σ, ρ – ο				0.1 0.51 2 10			
					Relative Risk (95% CI)			

Stent thrombosis (definite)

	Abbrev	/iated	l Standard				
Study	Events	Total	Events	Total			
RESET	0	253	1	237			
OPTIMIZE	1	191	2	223			
SMART-CHOICE	0	291	0	287			
REDUCE	0	80	0	71			
GLOBAL-LEADERS	4	1248	9	1235			
STOPDAPT-2	0	272	0	296			
STOPDAPT-2-ACS	1	280	1	254			
MASTER-DAPT	6	862	2	850			
TWILIGHT	3	531	3	556			
ONE-MONTH DAPT	0	276	3	314			
TICO	0	192	1	207			
Random effects model		4476		4530			
Heterogeneity: $I^2 = 0\%$, τ^2	= 0, p = 0	.62					



Stent thrombosis (def or prob)

	Abbre	viated	Sta	ndard				
Study	Events	Total	Events	Total	Risk Ratio	RR	95%-CI	Weight
RESET	2	253	1	237		- 1.87	[0.17; 20.5]	2.8%
OPTIMIZE	4	191	4	223			[0.30; 4.6]	8.4%
SMART-CHOICE	1	291	2	287			[0.04; 5.4]	2.8%
REDUCE	0	80	0	71				0.0%
GLOBAL-LEADERS	9	1248	13	1235	- =	0.69	[0.29; 1.6]	22.1%
STOPDAPT-2	2	272	2	296		1.09	[0.15; 7.7]	4.1%
STOPDAPT-2-ACS	2	280	1	254		- 1.81	[0.17; 19.9]	2.8%
MASTER-DAPT	18	862	15	850	- 	1.18	[0.60; 2.3]	34.3%
TWILIGHT	6	531	11	556	- = ;	0.57	[0.21; 1.5]	16.2%
ONE-MONTH DAPT	2	276	8	314		0.28	[0.06; 1.3]	6.7%
TICO		192		207				0.0%
Random effects model Heterogeneity: $I^2 = 0\%$, τ^2		4476		4530		0.84	[0.58; 1.2]	100.0%
					0.1 0.5 1 2 10			
					Relative Risk (95% CI)			

Supplementary Figure 6: Sensitivity analysis including studies with centrally adjudicated events. Major or clinically relevant non-major bleeding (A), major bleeding (B) major adverse cardiovascular events 1 (C), major adverse cardiovascular events 2 (D), all-cause death (E) and cardiovascular death (F) are presented.

Major and clinically relevant bleeding (per study definition)

Study	Abbrevia Events T			ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET OPTIMIZE SMART-CHOICE REDUCE GLASSY STOPDAPT-2 STOPDAPT-2-ACS MASTER-DAPT TWILIGHT ONE-MONTH DAPT TICO	3 4 46 33	253 191 291 80 607 272 280 862 531 276 192	4 18 14 2 62 10 6 74 55 12 28	237 223 287 71 573 296 254 850 556 314 207		0.65 0.63 0.89 0.94 0.33 0.60 0.61 0.63 1.33	[0.16; 3.11] [0.31; 1.37] [0.28; 1.44] [0.13; 6.14] [0.68; 1.32] [0.09; 1.17] [0.17; 2.12] [0.43; 0.87] [0.41; 0.95] [0.62; 2.82] [0.40; 1.21]	1.4% 5.4% 4.5% 0.8% 27.4% 1.9% 1.9% 24.0% 17.6% 5.3% 9.7%
Random effects model Heterogeneity: $I^2 = 0\%$, τ^2	_	3835		3868	0.1 0.5 1 2 Relative Risk (95% CI)		[0.61; 0.87]	

Major Bleeding (per study definition)

Study	Abbre Events		Star Events	ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET	3	253	4	237		0.70	[0.16; 3.11]	2.6%
OPTIMIZE	10	191	18	223		0.65	[0.31; 1.37]	10.3%
SMART-CHOICE	9	291	7	287		1.27	[0.48; 3.36]	6.1%
REDUCE	2	80	2	71		0.89	[0.13; 6.14]	1.5%
GLASSY	28	607	21	573	: 	1.26	[0.72; 2.19]	18.8%
STOPDAPT-2	3	272	10	296		0.33	[0.09; 1.17]	3.5%
STOPDAPT-2-ACS	4	280	6	254		0.60	[0.17; 2.12]	3.7%
MASTER-DAPT	22	862	29	850		0.75	[0.43; 1.29]	19.3%
TWILIGHT	12	531	22	556	- : 	0.57	[0.29; 1.14]	12.0%
ONE-MONTH DAPT	5	276	5	314		1.14	[0.33; 3.89]	3.8%
TICO	18	192	28	207		0.69	[0.40; 1.21]	18.5%
Random effects mode	l	3835		3868	•	0.79	[0.62; 0.99]	100.0%
Heterogeneity: $I^2 = 0\%$, τ^2	= 0, p = 0	.69				I		
					0.1 0.5 1 2	10		
					Relative Risk (95% CI)			

MACE (All cause death, MI, Stroke)

Study	Abbreviat Events To		ndard Total	Risk Ratio	RR	95%-CI	Weight
RESET OPTIMIZE SMART-CHOICE REDUCE GLASSY STOPDAPT-2 STOPDAPT-2-ACS MASTER-DAPT TWILIGHT ONE-MONTH DAPT TICO	20 1 22 2 7 48 6 19 2 27 2 66 8 31 5	53 8 91 18 91 18 80 5 07 51 72 21 80 10 62 72 31 35 76 24 92 19	556		1.30 1.21 1.24 0.89 0.98 2.45 0.90 0.93 0.47	[0.25; 1.99] [0.71; 2.38] [0.66; 2.20] [0.41; 3.74] [0.61; 1.30] [0.54; 1.79] [1.21; 4.96] [0.66; 1.25] [0.58; 1.48] [0.23; 0.97] [0.20; 1.01]	4.0% 9.0% 9.2% 3.6% 15.1% 9.2% 7.4% 17.1% 12.3% 7.1% 6.1%
Random effects model Heterogeneity: $I^2 = 38\%$, τ		35 = 0.10	3868	0.5 1 2 Relative Risk (95% CI)	0.95	[0.72; 1.26]	100.0%

MACE (CV death, MI, Stroke)

	Abbreviate		ndard				
Study	Events Tot	al Events	Total	Risk Ratio	RR	95%-CI	Weight
RESET	3 25	3 5	237		0.56	[0.14; 2.3]	1.7%
OPTIMIZE	15 19	1 14	223	- -	1.25	[0.62; 2.5]	7.1%
SMART-CHOICE	14 29	1 16	287	- •	0.86	[0.43; 1.7]	7.2%
REDUCE	4 8	0 4	71	*	0.89	[0.23; 3.4]	1.9%
GLASSY	44 60	7 46	573		0.90	[0.61; 1.3]	22.2%
STOPDAPT-2	14 27	2 17	296		0.90	[0.45; 1.8]	7.4%
STOPDAPT-2-ACS	16 28	8 0	254		1.81	[0.79; 4.2]	5.1%
MASTER-DAPT	51 86	52 51	850	-	0.99	[0.68; 1.4]	24.7%
TWILIGHT	27 53	32	556	- •	0.88	[0.54; 1.4]	14.1%
ONE-MONTH DAPT	9 27	6 20	314	- * <u> </u>	0.51	[0.24; 1.1]	5.9%
TICO	4 19	2 11	207		0.39	[0.13; 1.2]	2.8%
Random effects model Heterogeneity: $I^2 = 0\%$, τ^2		5	3868		0.91	[0.75; 1.1]	100.0%
	σ, μ σ.σσ			0.2 0.5 1 2 5			
				Relative Risk (95% CI)			

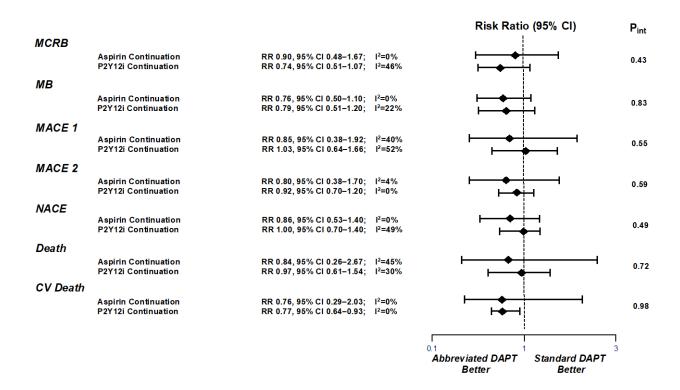
All-cause death

	Abbreviated		ated Standard					
Study	Events	Total	Events	Total	Risk Ratio	RR	95%-CI	Weight
DECET	4	253	6	237	- I	0.60	[0 40, 2 40]	4.00/
RESET	4		-		- I_		[0.18; 2.19]	4.0%
OPTIMIZE	15	191	14	223		1.25	[0.62; 2.52]	10.4%
SMART-CHOICE	17	291	12	287		1.40	[0.68; 2.87]	10.0%
REDUCE	6	80	3	71		1.77	[0.46; 6.84]	3.5%
GLASSY	26	607	27	573	- 11	0.91	[0.54; 1.54]	15.4%
STOPDAPT-2	11	272	11	296		1.09	[0.48; 2.47]	8.2%
STOPDAPT-2-ACS	14	280	6	254	-	2.12	[0.83; 5.42]	6.5%
MASTER-DAPT	34	862	42	850	-	0.80	[0.51; 1.24]	18.8%
TWILIGHT	13	531	19	556		0.72	[0.36; 1.44]	10.6%
ONE-MONTH DAPT	4	276	14	314	-	0.33	[0.11; 0.98]	5.0%
TICO	7	192	16	207		0.47	[0.20; 1.12]	7.5%
Random effects mode	I	3835		3868		0.91	[0.67; 1.25]	100.0%
Heterogeneity: $I^2 = 24\%$, $\tau^2 = 0.0449$, $p = 0.22$				1 1 1 1				
					0.2 0.5 1 2 5			
					Relative Risk (95% CI)			

Cardiovascular death

Study	Abbrev			ndard	Diala Datia	DD.	05% CI	Mainb4
Study	Events	ıotai	Events	rotai	Risk Ratio	RR	95%-CI	Weight
RESET	1	253	3	237		0.31	[0.03; 2.98]	1.6%
OPTIMIZE	9	191	10	223	- •	1.05	[0.44; 2.53]	10.5%
SMART-CHOICE	9	291	10	287	- i	0.89	[0.37; 2.15]	10.4%
REDUCE	3	80	2	71		1.33	[0.23; 7.74]	2.6%
GLASSY	21	607	21	573	- #-	0.94	[0.52; 1.71]	23.1%
STOPDAPT-2	5	272	7	296		0.78	[0.25; 2.42]	6.3%
STOPDAPT-2-ACS	3	280	4	254		0.68	[0.15; 3.01]	3.7%
MASTER-DAPT	18	862	20	850	- 10	0.89	[0.47; 1.67]	20.5%
TWILIGHT	9	531	14	556	- =	0.67	[0.29; 1.54]	11.9%
ONE-MONTH DAPT	3	276	9	314		0.38	[0.10; 1.39]	4.8%
TICO	3	192	7	207		0.46	[0.12; 1.76]	4.5%
Random effects model		3835		3868	•	0.81	[0.66; 0.99]	100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $\rho = 0.95$				1 1 1 1				
					0.1 0.5 1 2 10			
					Relative Risk (95% CI)			

Supplementary Figure 7: Subgroup analysis based on the type of antiplatelet therapy continuation after short DAPT withdrawal. Treatment effects and interaction p values are presented for subgroups of patients continuing antiplatelet monotherapy with aspirin or P2Y12 inhibitor after short DAPT withdrawal.



Supplementary Figure 8: Subgroup analysis based on the type of drug eluting stent implanted. Treatment effects and interaction p values are presented for subgroups of patients treated with durable polymer or bioresorbable/no-polymer drug eluting stent in the experimental arm.

