**Appendix Table E80. Design characteristics of studies assessing the predictive ability of TEG in patients with ischemic heart disease**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author****Year** **PMID****Country****Study Name** | **Study design**  | **Multicenter (yes/no)** | **Recruitment method** | **Sampling population** | **Enroment period**  | **Mean or median (state which follow up duration)** | **Setting**  | **A Priori power analysis performed? (if yes, was accrual 80% of target or higher)** | **Funding** |
| Bliden, 200617291930USANR | prospective Cohort  | no | Consecutive  | Patients receiving clopidogrel  | NR | 12 months | Hospital inpatient | With the sample sizecalculation from SigmaStat software, it is estimated that the sample size required for 95% power with the alpha of 0.05 is approximately 100 patients. | Partly industry (NIH and Bayer) |
| Cotton, 201020406238UKNR | prospective Cohort  | No  | Patients with ACS history  | Patients with ACS history | Jan-June , 2008 | 6 months | Hospital inpatient | NR | NR |
| Preisman,201020181490IsraelNone | Prospective observational | NO | NR | Patients undergoing first CABG and receiving either or both aspirin and clopidogrel | 13 May 2008 to 24 November 2008 | NR | Inpatient | YES [YES} | Nonindustry (except PlateletMapping kits donated by manufacturer) |
| Kwak,2010211266640KoreaOPCABG | prospective cohort  | no  | patients scheduled for CABG | patients scheduled for CABG | Dec 2007-March 2009 | 5 days | hospital inpatient | yes. 80% | non-industry |
| Gurbel,201020691842USAPREPARE POST-STENTING | Prospective observational study | NO | Consecutive | Patients undergoing percutaneous coronary intervention (PCI) for ACS | 2004 and 2005 | Max of 36 months | Follwoup after intervention | YES; Accrual>80% | Non-industry (Sinai Hospital, Baltimore & NIH grant R44-HL059753) |
| Gurbel, 200516286165USAPREPARE POST-STENTING | Prospective, observational | NO | Consecutive patients | Patients undergoing percutaneous coronary intervention (PCI) for ACS | NR | NR | Hospital, then outpatient | NO | NR |
| Tang, 2012 ChinaNR | prospective cohort | no | NR | PCI patients  | Jan 2009- March 2010 | 6 months  | inpatient the followup | NR | non-industry  |

ACS = acute coronary syndrome; AMI = acute myocardial infarction; CAD = coronary artery disease; MI = myocardial infarction; NSTE = non-ST-elevation; PAD = peripheral artery disease; PCI = percutaneous coronary intervention; STEMI = ST-elevation MI; DES=drug eluting stent; CABG=coronary artery bypass grafting; AA= arachidonic acid; SD=standard deviation; RCT=randomized controlled trial; NR=not reported