**Appendix Table E108. Study design characteristics of studies assessing the predictive ability of miscellaneous platelet function tests in patients with ischemic heart disease**

| **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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Smit,201020889993NetherlandsON-TIME-2 | Substudy of the Ongoing Tirofiban in Myocardial Infarction Evaluation 2 (On-TIME-2) trial | yes  | Selected sample (For whom Platelet aggregation inhibition data was available) | Patients with ACS (STEMI) | June 2004 until November 2007 | Max 30 days | follow up after intervention | NR | NR |
| Dziewierze,200515815794Poland NR | prospective Cohort  | No  | Consecutive  | Patients with stable angina selected for PCI | NR | 24 hours-28 days  | Hospital inpatient | NR | NR |
| Breet, 201020179285NetherlandsPOPULAR | prospective Cohort  | No  | Patients scheduled for PCI with stent implantation  | Patients with PCI and stent implantation  | Dec 2005- Dec 2007 | 1-year  | Hospital inpatient | Yes. 80% | NR |
| Mobley,200414969622USANONE | Prospective | NR | NR | Candidates for cardiac catheterization with clinical suspicion of PCI who were on aspirin and clopidogrel | NR | NR | Hospital and then outpatient | NO | Partly industry |
| Lindvall,200919477870SwedenNone | Prospective observational | NR | Consecutive | Patients with ACS undergoing CABG | NR | NR | Inpatient | NO | Partly industry |
| Gurbel, 200312714161USANo | Prospective | NO | NR | Patients undergoing PCI with stenting | NR | NR | Inpatient and then outpatient visit at 30 days | NR | All Industry |
| Kim, 201020449634KoreaNR | prospective cohort  | no | consecutivelyenrolled | unselected patients treatedwith coronary stenting for symptomatic coronary artery disease, including acute myocardial infarction (AMI) and chronic clopidogrel therapy | December 2007to June 2009 | 6 months | Department of Cardiology of the Gyeongsang National University hospital inpatient | NR | NR |
| Kalantzi, 201221806493GreeceNR | prospective | no | NR | patients with ACS with or without ST elevation | NR | 30 days | single center | NR | NR |
| Siller-matula, 201222260716PEGASUS-PCI | prospective cohort | no | consecutive | patients undergoing PCI | March 2007-Nov, 2009 | 12 months | medical university if vienna | yes, 80% | Austrian National Bank |
| Saad, 201222146578EgyptNR | Prospective | No | NR | CAD patients undergoing PCI with stenting | NR | 6 months | followup after intervention | NR | None reported |
| Lakkis, 200111458412USANR | cohort | no | NR | ACS patients undergoing PCI with stent | NR | 24 h | inpatient | NR | NR  |

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