**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,  2010  20889993  Netherlands  ON-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,  2005  15815794  Poland  NR | prospective Cohort | No | Consecutive | Patients with stable angina selected for PCI | NR | 24 hours-28 days | Hospital inpatient | NR | NR |
| Breet, 2010  20179285  Netherlands  POPULAR | 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,  2004  14969622  USA  NONE | 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,  2009  19477870  Sweden  None | Prospective observational | NR | Consecutive | Patients with ACS undergoing CABG | NR | NR | Inpatient | NO | Partly industry |
| Gurbel, 2003  12714161  USA  No | Prospective | NO | NR | Patients undergoing PCI with stenting | NR | NR | Inpatient and then outpatient visit at 30 days | NR | All Industry |
| Kim, 2010  20449634  Korea  NR | prospective cohort | no | consecutively  enrolled | unselected patients treated  with coronary stenting for symptomatic coronary artery disease, including acute myocardial infarction (AMI) and chronic clopidogrel therapy | December 2007  to June 2009 | 6 months | Department of Cardiology of the Gyeongsang National University hospital inpatient | NR | NR |
| Kalantzi, 2012  21806493  Greece  NR | prospective | no | NR | patients with ACS with or without ST elevation | NR | 30 days | single center | NR | NR |
| Siller-matula, 2012  22260716  PEGASUS-PCI | prospective cohort | no | consecutive | patients undergoing PCI | March 2007-Nov, 2009 | 12 months | medical university if vienna | yes, 80% | Austrian National Bank |
| Saad, 2012  22146578  Egypt  NR | Prospective | No | NR | CAD patients undergoing PCI with stenting | NR | 6 months | followup after intervention | NR | None reported |
| Lakkis, 2001  11458412  USA  NR | 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