**Appendix Table E92. Study design characteristics of studies assessing the predictive ability of PFA-100 System 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** | **Enrollment 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** |
| Malek,  2007  17295159  Poland  NR | prospective Cohort | No | Consecutive patients | Patients who underwent PCI with stent implantation in the course of ACS | NR | In hospital stay  Median 6 days (min 3, max 12) | 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 |
| Foussas,  2007  17892990  Greece  None | Prospective | NO | Consecutive | Patients undergoing coronary artery stenting | April 2003-Jan. 2005 | Total 1 yr | Inpatient and then outpatient followup for 1 yr | NR | NR |
| 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 |
| Huczek,  2008  18301358  Poland  NR | Prospective observational | NO | Consecutive | Patients undergoing percutaneous coronary intervention (PCI) for ACS | NR | 6 months | Followup after intervention | NO | NR |
| Moerenhout,  2010{Moerenhout, 2010 85 /id}  20211306  Belgium  NR | Prospective observational | NO | NR | Patients undergoing percutaneous coronary intervention (PCI) | Jan 2006-June 2007 | 6 months followup | followup after intervention | YES; Accrual >80% | non-industry |
| Siller-Matula,  2009  19135705  Austria  NR | Prospective observational study | NO | NR | Patients undergoing PCI for coronary artery disease | Aug 2007-Apr 2008 | 1 day | followup after intervention | YES  Accrual=100% | Non-industry  [grant from the Jubiläumsfond of the Austrian National Bank (Nr. 12565)] |
| Gori,  2008  19132241  Italy  RECLOSE | Prospective | NR but probably NO | Consecutive | RECLOSE patients who underwent DES implantation for whom complete AA- and collagen-induced platelet aggregation values were available. | July 2005 to February 2006 | Total 6 mo | Outpatient followup of cohort at 1, 3, and 6 mo | YES [YES] | Nonindustry |
| Siller-matula, 2012  22260716  Austria  PEGASUS-PCI | prospective cohort | no | consecutive | patients undergoing PCI | March 2007-Nov, 2009 | 12 months | medical university of vienna | yes, 80% | Austrian National Bank |
| Chiu 2011  21925055  Taiwan  NR | Prospective | no | NR | patients undergoing PCI for ACS | January 2005 – January 2006 | 24 months | National Taiwan University Hospital | Yes (yes) | Government (National  Science Council, Republic of China.) |

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