**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,200717295159PolandNR | 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,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 |
| Foussas,200717892990GreeceNone | 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,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 |
| Huczek,200818301358PolandNR | 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}20211306Belgium 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,200919135705AustriaNR | Prospective observational study | NO | NR | Patients undergoing PCI for coronary artery disease  | Aug 2007-Apr 2008 | 1 day | followup after intervention | YESAccrual=100% | Non-industry [grant from the Jubiläumsfond of the Austrian National Bank (Nr. 12565)] |
| Gori,200819132241Italy 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, 201222260716AustriaPEGASUS-PCI | prospective cohort | no | consecutive | patients undergoing PCI | March 2007-Nov, 2009 | 12 months | medical university of vienna | yes, 80% | Austrian National Bank |
| Chiu 201121925055TaiwanNR | Prospective | no | NR | patients undergoing PCI for ACS | January 2005 – January 2006 | 24 months | National Taiwan University Hospital | Yes (yes) | Government (NationalScience 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