Appendix Table E90. Baseline characteristics of patients with ischemic heart disease in studies assessing the predictive ability of the PFA-100 System

| **Author, year [ref]**  **UID**  **Country**  **Study Name** | **Total N Enrolled**  **Race (% by group)**  **Male (%)**  **Age\*** | **Previous CAD (%)**  **Previous heart failure(%)**  **Previous TIA/stroke(%)**  **History of PCI or CABG(%):**  **Stable angina(%)**  **Unstable angina(%)**  **Previous PAD(%)**  **History of MI(%)**  **STEMI/non-STEMI(%)** | **Dyslipidemia (%)**  **Smokers (%)**  **BP(mmHg diastolic/systolic**  **HTN (%)**  **Diabetes (%)** | **Vitamin K antagonist(%)**  **Clopidogrel(%)**  **Aspirin(%)**  **PPI(%)** | **Stent implantation(%)**  **Type of stent(%)**  **Multi-or single vessel(%)** | **Current indication for clopidogrel treatment** | **Current antiplatelet regimen** | **Co-medications** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Malek, 2007  17295159  Poland  NR | 91  NR  68  median age  Group1 66 (38, 85)  Group 2 59 (51, 82)  Group 3 54.5 (48, 71)  Controls 58 (35, 86) | NR  NR  NR  NR  NR  NR  NR  17.6  NR | 34.1  48.4  HTN 50.5  15.4 | NR  98.9  100  NR | NR  NR  NR | underwent PCI with stent implantation | All patients received a loading dose of 300 mg of aspirin followed by daily regimen of 75 mg and a loading dose of either 300 or 600 mg of clopidogrel followed by 75 mg daily. | NR |
| Breet, 2011  20179285  Netherlands  NR | 1069  NR  75  64±10.6 | NR  NR  NR  NR  NR  NR  NR  54.5  NR | 80.3  11.1  HTN 76.9  18.6 | NR  100  89.4  27.8 | 100  DES 63.5  NR | coronary artery disease scheduled for elective PCI with stent | clopidogrel treatment (a maintenance of 75 mg/d therapy for>5 days or a loading dose of 300 mg ≥24 hours before PCI or 600 mg ≥4 hours before PCI) and aspirin (80-100 mg/d ≥10 days). | unless they were receiving long-term anticoagulation with warfarins |
| Foussas, 2007  17892990  Greece  None | 612  NR  81.7  62±10.8 | NR  NR  NR  CABG 4.7  23.5  NR  NR  17.7  STEMI 36.3 | Hyper 67.3  51  HTN 48.6  28.7 | NR  100  100  NR | 100  BMS 79.8  Sirolimus eluting 20.2  55.5 | PCI with stenting | aspirin (100-325 mg/d) and clopidogrel (300 or 600 mg as loading dose and then 75 mg/d). | Unfractioned heparin (70 IU/kg) was given at the start of the procedure. |
| Smit, 2010  20889993  Netherlands  ON-TIME-2 | 648  NR  75.8  62.3 | NR  NR  CVA 1.7  PCI 7.4; CABG 2.5  15.2  NR  NR  7.8  STEMI 100 | 18.8  44.9  HTN 29.6; systolic 132.8 mmHg; diastolic 79.8 mmHg  9.9 | NR  NR  NR  NR | NR  NR  NR | Patients with ACS (STEMI) | Clopidogrel: (600 mg LD + 75 mg MD daily for 1 year); | acetylsalicylic acid 500 mg IV; unfractionated heparin 5000 IU IV ± tirobiban (25 mg/kg bolus + MD infusion of 0.15 mg/kg/min of tirofiban or placebo) |
| Huczek, 2008  18301358  Poland  NR | 125  NR  66  Mean 62 (range 60-63) | 22  NR  CV event 3  NR  NR  NR  NR  15  NR | 37  48  HTN 52  24 | NR  NR  NR  NR | NR  NR  NR | Patients undergoing percutaneous coronary intervention (PCI) for ACS | Clopidogrel: 600-mg LD + 75 mg daily MD for of 30 days  Aspirin: 300 mg before angiography + 75 mg daily MD | Abciximab - at the discretion of the operator as a 0.25 mg/kg bolus or a 0.125 μg/kg/min 12-hour infusion. |
| Moerenhout, 2010  20211306  Belgium  NR | 250  NR  NR  66.1 | post ACS 30.1  NR  NR  NR  72  NR  NR  NR  NR | cholesterol 190.2 (mean)  27.7  HTN 59.9  22.6 | NR  NR  NR  NR | NR  NR  56.2 | Patients undergoing percutaneous coronary intervention (PCI) | aspirin 160 mg LD + 450 mg LD of clopidogrel (300-mg clopidogrel 12 hours before PCI and 150 mg the day of PCI)  Clopidogrel 75 mg MD x 6 weeks (bare metal stents) to 6 months (drug-eluting stent) | Unfractionated heparin was administered at the beginning of the procedure and titrated to obtain activated clotted time (ACT) levels between 300 and 350 seconds. |
| Siller-Matula, 2009  19135705  Austria  NR | 30  NR  63±10 | 100  NR  CVD 7  PCI 43  NR  NR  10  37  NR | hyper 77  57  HTN 77  33 | NR  100  100  NR | NR  NR  NR | Patients undergoing PCI for coronary artery disease | Patients had been on chronic aspirin (100 mg/day) and clopidogrel (75 mg/day) treatment for three months on average. | All patients received unfractionated heparin and 250 mg of injectable acetyl-salicylic acid during PCI |
| Gori,  2008  19132241  Italy  RECLOSE | 746  NR  75  68±12 | NR  NR  NR  PCI 23; coronary artery surgery 6  33  40  NR  25  26 | hyper 49  23  HTN 61  20 | NR  NR  NR  NR | 100  DES 93  multi 57 | RECLOSE patients who underwent DES implantation for whom complete AA- and collagen-induced platelet aggregation values were available. | All patients received aspirin (325 mg) and a loading dose of 600 mg of clopidogrel followed by a maintenance dose of 75 mg daily. | Patients on a maintenance dose of ticlopidine or clopidogrel at the time of admission received a loading dose of clopidogrel (600 mg). |
| Siller-Matula, 2012  22260716  Austria  PEGASUS-PCI | 416  NR  76  64±12 | NR  NR  NR  PCI 47  NR  NR  13  31  18/NR | hyper 76  55  84  32 | NR  100  100  76 | 100  DES 99  NR | patients undergoing PCI | clopidogrel LD 600mg, MD 75mg | NR |
| Chiu 2011  21925055  Taiwan  NR | 144  NR  76.4%  64.8 | NR  NR  6%  NR  55.6%  NR  NR  18%  NR | 50%  Active smoker: 32%  NR  HTN: 69%  47% | NR  NR  NR  9% | NR  BMS: 54%; DES: 34%  3 vessels: 8% | PCI for ACS | Clopidogrel (300 mg LD + 75 mg/d MD)  Aspirin 100 mg/day for 7 days prior to (stable angina) or 300 mg LD + 100 mg/day (ACS patients) | NR |

\* Mean (standard deviation), unless otherwise stated. **Abbreviations:** ACS = acute coronary syndrome; AMI = acute myocardial infarction; BMS=Bare metal stents; BP = blood pressure; CABG = coronary artery bypass grafting; PTCA=percutaneous transluminal coronary angioplasty; CVA=cerebrovascular accident; CVD=cerebrovascular disease; CAD = coronary artery disease; DES=Drug eluting stent; BMS=bare metal stent; HTN = hypertension, IHD: Ischemic heart disease; MI = myocardial infarction; NSTEMI = non-ST-elevation MI; LVEF=left ventricle ejection fraction; PAD = peripheral artery disease; PCI = percutaneous coronary intervention; STEMI = ST-elevation MI; TIA = transient ischemic attack; PPI=proton pump inhibitor; UFH= Unfractionated Heparin; BP=blood pressure; hyper=hypercholesterolemia; LD=loading dose; MD= maintain dose; ASA=aspirin; GP IIb/IIIa inhibitors =Glycoprotein IIb/IIIa inhibitors  
Add headings for additional subgroups. Data are means unless otherwise indicated; estimated is noted if reported as an estimate.