

Supplementary Table 1. K-PCI registry 2014 CRF

Variables	Responses
Demographics variables	
Institution code-subject No.	NNNN-NNNNN
Operator code	Numeric
Age	Numeric
Risk factors variables	
Smoking	9. UK, 0. No, 1. Current, 2. Recent (<1 year)
Diabetes	9. UK, 0. No, 1. Yes If yes, check treatment 0. None, 1. Diet, 2. Oral med, 3. Insulin
Hypertension	9. UK, 0. No, 1. Yes
Dyslipidemia	9. UK, 0. No, 1. Yes
Family history of premature CAD	9. UK, 0. No, 1. Yes
Prior MI	9. UK, 0. No, 1. Yes
Prior PCI	9. UK, 0. No, 1. Yes
Prior CABG	9. UK, 0. No, 1. Yes
Renal failure	Check only one category 9. UK, 0. No, 1. CKD, 2. ESRD (PD/HD), 3. KT
Cerebrovascular disease	9. UK, 0. No, 1. Yes
Clinical presentation and non-invasive tests variables	
Clinical diagnosis at procedure	Check only one category 1. Silent ischemia, 2. SA, 3. UA, 4. NSTEMI, 5. STEMI
STEMI PCI	1. Immediate PCI for STEMI (Within 12 hours from symptom onset) 2. PCI for STEMI (Unstable, after 12 hours from symptom onset) 3. PCI for STEMI (Stable, after 12 hours from symptom onset) 4. PCI for STEMI (Unstable, after successful thrombolysis) 5. PCI for STEMI (Stable, after successful thrombolysis) 6. Rescue PCI (After failed thrombolysis)
Angina classification (within 2 weeks)	0. No symptoms, 1. CCS I, 2. CCS II, 3. CCS III, 4. CCS IV
High-risk unstable angina	9. UK, 0. No, 1. Yes Yes, if at least one of the following √ Ongoing or resting chest pain √ Positive cardiac enzyme √ New or worsening pulmonary edema √ New or worsening mitral regurgitation murmur √ Transient ST-segment changes √ New bundle-branch block √ Sustained ventricular tachycardia √ Hypotension
Anti-Anginal meds (within 2 weeks) (prior to this cath)	9. UK, 0. No, 1. Yes If yes, check all that apply √ Beta-blockers: 0. No, 1. Yes √ Ca-channel-blockers: 0. No, 1. Yes √ Long-Acting Nitrates: 0. No, 1. Yes √ Nicorandil: 0. No, 1. Yes √ Trimetazidine: 0. No, 1. Yes √ Others: 0. No, 1. Yes

Supplementary Table 1. Continued

Variables	Responses
Cardiogenic shock (24h before admission)	9. UK, 0. No, 1. Yes
Cardiac arrest (24h before admission)	9. UK, 0. No, 1. Yes
Treadmill test	0. Not done, 1. Negative, 2. Positive, 9. Undetermined
Stress echo	0. Not done, 1. Negative, 2. Positive, 9. Undetermined
SPECT or thallium scan	0. Not done, 1. Negative, 2. Positive, 9. Undetermined
Stress MR	0. Not done, 1. Negative, 2. Positive, 9. Undetermined
Cardiac CTA	0. Not done, 1. Yes If yes, check result 0: No disease 1: 1 vessel disease 2: 2 vessel diseases 3: 3 vessel diseases 9: Undetermined
Coronary anatomy variables	
Left main	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
Proximal LAD	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
LAD (excluding proximal LAD)	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
LCX	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
RCA	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
Graft	0. No, 1. Yes If yes, check 0. 0<50%, 1. 50-69%, 2. ≥70%
PCI variables	
PCI date	Date
PCI status	9. UK, 1. Elective, 2. Urgent, 3. Emergent, 4. Salvage
Arterial access site for PCI	√ UK: 0. No, 1. Yes √ Femoral: 0. No, 1. Yes √ Radial: 0. No, 1. Yes √ Ulnar: 0. No, 1. Yes √ Brachial: 0. No, 1. Yes √ Others: 0. No, 1. Yes
Target lesion PCI	Check all treated lesions √ Left main: 0. No, 1. Yes √ Proximal LAD: 0. No, 1. Yes √ LAD (excluding proximal LAD) : 0. No, 1. Yes √ LCX: 0. No, 1. Yes √ RCA: 0. No, 1. Yes √ Graft: 0. No, 1. Yes
BMS number per patients	Numeric
DES number per patients	Numeric
Balloon site number per patients	Numeric

Supplementary Table 1. Continued

Variables	Responses
DEB number per patients	Numeric
ISR lesion	9. UK, 0. No, 1. Yes
CTO lesion	9. UK, 0. No, 1. Yes
IVUS	9. UK, 0. No, 1. Yes
FFR	9. UK, 0. No, 1. Yes
Mechanical support	9. UK, 0. No, 1. Yes
Pre-PCI LVEF	√ Not accessed: 0. No, 1. Yes √ (Numeric) %
Adverse Events	
Death	9. UK, 0. No, 1. Yes
Cardiac death	9. UK, 0. No, 1. Yes
Nonfatal MI	9. UK, 0. No, 1. Yes
Stent thrombosis	9. UK, 0. No, 1. Yes
Stroke	9. UK, 0. No, 1. Yes
Urgent PCI	9. UK, 0. No, 1. Yes
Transfusion	9. UK, 0. No, 1. Yes

UK: unknown, CAD: coronary artery disease, MI: myocardial infarction, PCI: percutaneous coronary intervention, CABG: coronary artery bypass graft, CKD: chronic kidney disease, ESRD: end stage renal disease, PD: peritoneal dialysis, HD: hemodialysis, KT: kidney transplantation, SA: stable angina, UA: unstable angina, NSTEMI: non-ST-elevation myocardial infarction, STEMI: ST-elevation myocardial infarction, LAD: left anterior descending, LCX: left circumflex, RCA: right coronary artery, DES: drug-eluting stents, DEB: drug-eluting balloon, CTO: chronic total occlusion, IVUS: intravascular ultrasound, FFR: fractional flow reserve, LVEF: left ventricular ejection fraction, MR: magnetic resonance, CCS: Canadian cardiovascular class, CTA: computed tomography angiography, VD: vessel disease