

Appendix

Data Description

Continuous variables

Variables	N	Minimum	Maximum	Mean	Std. Deviation
Age	1118	20	83	56.84	9.571
BMI	683	17.63	70.17	29.1844	5.61010
Height	1089	102.00	189.00	165.3168	8.35251
PA systolic	1119	5.00	80.00	28.2413	7.51795
EuroScore II	685	.69	56.98	4.5962	5.90280
DAO*	1119	0	42	3.78	4.426
Blood loss at 24 hours	589	55	2500	687.41	350.719
Hospital stay (in days)	1117	1	378	12.64	14.548
PLoS (in days)	1119	1	378	8.87	13.786
Valid N (listwise)	585				

*Duration from admission till operation

Comorbidities

		Count	Column N %
Hypertension	No hypertension	207	18.8%
	Hypertension	896	81.2%
Hypercholesterolaemia	No	251	22.7%
	Yes	856	77.3%
Renal disease	Creatinine >200 µmol/L	31	2.8%
	Creatinine >200 µmol/L,4 - Dialysis - chronic renal failure	8	.7%
	Dialysis - acute renal failure	8	.7%
	Dialysis - chronic renal failure	26	2.3%
	None	1046	93.5%
	Renal failure	No	1066
	Yes	31	2.8%
Diabetic	No	341	30.6%
	Yes	775	69.4%
Diabetes treatment	Diet	26	2.3%
	Oral alone	306	27.4%
	Insulin (with or without oral)	443	39.7%
	None	341	30.6%
Cerebrovascular disease	CVA over 2 weeks	17	1.6%
	Previous carotid surgery	2	.2%
	TIA	5	.5%
	None	1049	97.8%
Chronic lung disease	Asthma	23	2.1%
	COPD / Emphysema	86	7.7%
	No	1010	90.3%

Patients history

		Count	Column N %
Premedication	Diazepam	5	.8%
	Midazolam	130	21.0%
	Lorazepam	290	46.8%
	Lorazepam, Diazepam	53	8.5%
	Lorazepam, Midazolam	87	14.0%
	Lorazepam, Midazolam, Diazepam	33	5.3%
	Other	6	1.0%
	None	16	2.6%
Family Hx of IHD	No	875	79.2%
	Yes	230	20.8%
Heart failure	No	1048	97.0%
	Yes	32	3.0%
Previous cardiac vascular or thoracic surgery	CAB	8	.8%
	Carotid	3	.3%
	Congenital	1	.1%
	Thoracic	1	.1%
	Valve	1	.1%
	Other	2	.2%
	None	966	98.4%
Number of previous heart operations	One	11	1.0%
	Two	2	.2%
	Four	1	.1%
	None	1105	98.7%

Pre-Op Measures

		Count	Column N %
Angina	No Angina	61	5.5%
	Angina at rest	150	13.5%
	Angina with mild exercise	116	10.5%
	Angina with moderate exercise	571	51.5%
	Angina with strenuous exercise	211	19.0%
Dyspnoea	Mild limitation of ordinary activity	343	30.9%
	Moderate limitation of ordinary activity	425	38.3%
	Symptomatic at rest or minimal activity	118	10.6%
	No limitation of physical activity	223	20.1%
Poor mobility	No	678	98.8%
	Yes	8	1.2%
Poor mobility due to any noncardiac reason	No	659	99.1%
	Yes	6	.9%
Operative urgency	Elective	809	72.3%
	Emergency	116	10.4%
	Urgent	183	16.4%
	Salvage	11	1.0%
Preop intra-aortic balloon pump used	No	1025	91.6%
	Yes	94	8.4%

Intra and postoperative measures

		Count	Column N %
CABG_procedure	CABG on pump	321	47.1%
	CABG on pump-beating heart	67	9.8%
	CABG on pump-beating heart, OPCAB	18	2.6%
	CABG on pump-resting heart	24	3.5%
	CABG on pump-resting heart, OPCAB	8	1.2%
	OPCAB	240	35.2%
	OPCAB, CABG on pump	4	.6%
Number_of_arterial_grafts	One	754	67.4%
	Two	337	30.1%
	Three	26	2.3%
	Four	2	.2%
Intraaortic_balloon_pump_used	No	994	94.4%
	Intra-operatively	49	4.7%
	Post-operatively	10	.9%
Complications	No	633	94.8%
	Yes	35	5.2%
Infective_complication	Leg	47	4.4%
	Mediastinitis	1	.1%
	Superficial infection	5	.5%
	Other	3	.3%
	None	1014	94.8%
PLoS	Average or Below	740	66.1%
	Above Average	379	33.9%