

Appendix 1

Table 1 - Risk factors for cardiac surgery-associated RBC transfusion described in literature [18-30]

RISK FACTORS/PREDICTORS			
Anthropometric	Comorbidities	Analytical	Surgery
Female sex	Preoperative anemia	Low hemoglobin baseline level	On-pump
Low body weight	Renal dysfunction	Elevated final intraoperative lactates level	Prolonged CPB time
	Previous cardiac surgery		Non-isolated procedures

Table 2 - Missing data

Variable	n	Missings, n (%)
DM2	660	1 (0.15)
DM2 on insulin	660	1 (0.15)
HTN	660	1 (0.15)
COPD	660	1 (0.15)
Asthma	660	1 (0.15)
Pulmonary hypertension	657	4 (0.61)
Atrial fibrillation	660	1 (0.15)
Angina (CCS)	658	3 (0.45)
Coronary disease	660	1 (0.15)
On dialysis	658	3 (0.45)
Intraoperative nadir Hb	642	19 (2.9)
12h postoperative bleeding	644	17 (2.57)
Infection	660	1 (0.15)
Prolonged ventilation	642	19 (2.9)