

Supplementary Table 1

1. EuroSCORE II risk factors¹⁰

| | |
|-----------------------------|--|
| NYHA Class | I: No Symptoms on Moderate Exertion; II: Symptoms on Moderate Exertion; III: Symptoms on Light Exertion; IV: Symptoms at Rest. |
| CCS class 4 | Inability to perform any activity without angina or angina at rest |
| IDDM | Insulin dependent diabetes mellitus |
| Extracardiac arteriopathy | One or more of the following: Claudication, carotid occlusion, >50% stenosis, amputation for arterial disease, previous or planned intervention on abdominal aorta, limb arteries/carotids |
| Poor mobility | Severe impairment of mobility secondary to musculoskeletal or neurological dysfunction |
| Renal dysfunction | CC 51–85, or on dialysis, or CC<50 |
| Active endocarditis | Patients still on antibiotic treatment at time of surgery |
| Critical preoperative state | One or more of the following occurring in same hospital admission before surgery: Ventricular tachycardia, fibrillation, aborted sudden death, cardiac massage, ventilation before arrival in anaesthetic room, inotropes, intra-aortic balloon |

counterpulsation or ventricular-assist device
before arrival in anaesthetic room

Acute renal failure

LVEF

Good >51%; moderate 31–50%; poor 21–30%; very poor <20%

Urgency of procedure

Elective: routine admission for operation

Urgent: patients not electively admitted for operation but who require surgery on the current admission for medical reasons and cannot be discharged without a definitive procedure

Emergency: operation before the beginning of the next working day after decision to operate

Salvage: patients requiring cardiopulmonary resuscitation (ex-ternal cardiac massage) en route to the operating theatre or before induction of anaesthesia.

Excludes cardio-pulmonary resuscitation after induction of anaesthesia.

Recent MI

90 days before

Weight of procedure

The extent or size of the intervention. The baseline is isolated CABG: operations “heavier” than the baseline are in three categories:

1) Isolated non-CABG major procedure (e.g. single valve procedure, replacement of

ascending aorta, correction of septal defect, etc.);

2) two major procedures (e.g. CABG+AVR), or CABG+mitral valve repair (MVR), or AVR+replacement of ascending aorta, or CABG+maze procedure, or AVR+MVR, etc;

3) three major procedures or more (e.g. AVR+MVR+CABG, or MVR+CABG+tricuspid annuloplasty, etc., or aortic root replacement when it includes AVR or repair+coronary reimplantation+root and ascending replacement).

Excluded are:

Sternotomy, closure of sternum, myocardial biopsy, insertion of intra-aortic balloon, pacing wires, closure of aortotomy, closure of atriotomy; removal of atrial appendage, coronary endarterectomy as part of CABG
