

MORTALITA' OSPEDALIERA

Euro Score Mortalità

0-1: 0,5%

2-3: 2,5%

4-5 4,4%

6-7 6,4%

8-9 8,4%

9-12 10%

13-15 14%

≥ 10 17,6

[1] **Chronic pulmonary disease** Long term use of bronchodilators or steroids for lung disease

[2] **Extracardiac arteriopathy** One or more of claudication, carotid occlusion or >50% stenosis, previous or planned intervention on the abdominal aorta, limb arteries or carotids

[3] **Neurological dysfunction** Disease severely affecting ambulation or day-to-day functioning

[4] **Active endocarditis** Patient still on antibiotic treatment for endocarditis at time of surgery

[5] **Critical preoperative state** Ventricular Tachycardia / Ventricular Fibrillation or aborted sudden death, preoperative cardiac massage, preoperative ventilation before anaesthetic room, preoperative inotropes or IABP, preoperative Acute Renal Failure (anuria or oliguria <10ml/hr)

[6] **Unstable angina** Rest angina requiring i.v. nitrates until arrival in anaesthetic room

[7] **Recent MI** Myocardial infarction within 90 days

[8] **Pulmonary hypertension** Systolic pulmonary artery pressure >60mmHg

[9] **Emergency** Operation before beginning of next working day

Patient-related factors		Score
Age	(per 5 years or part thereof over 60 years)	1
Sex	female	1
Chronic pulmonary disease	longterm use of bronchodilators or steroids for lung disease	1

Extracardiac arteriopathy	any one or more of the following: claudication, carotid occlusion or >50% stenosis, previous or planned intervention on the abdominal aorta, limb arteries or carotids	2
Neurological dysfunction disease	severely affecting ambulation or day-to-day functioning	2
Previous cardiac surgery	requiring opening of the pericardium	3
Serum creatinine	>200 micromol/L preoperatively	2
Active endocarditis	patient still under antibiotic treatment for endocarditis at the time of surgery	3
Critical preoperative state	any one or more of the following: ventricular tachycardia or fibrillation or aborted sudden death, preoperative cardiac massage, preoperative ventilation before arrival in the anaesthetic room, preoperative inotropic support, intraaortic balloon counterpulsation or preoperative acute renal failure (anuria or oliguria <10 ml/hour)	3

Cardiac-related factors		Score
Unstable angina	rest angina requiring iv nitrates until arrival in the anaesthetic room	2
LV dysfunction	moderate or LVEF 30-50% poor or LVEF <30	1 3
Recent myocardial infarct	(<90 days)	2
Pulmonary hypertension	Systolic PA pressure >60 mmHg	2
Operation-related factors		Score
Emergency	carried out on referral before the beginning of the next working day	2
Other than isolated CABG	major cardiac procedure other than or	2

in addition to CABG

**Surgery on
thoracic aorta**

for disorder of ascending, arch or
descending aorta

3

**Postinfarct septal
rupture**

4