

## **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

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

<b>Extracardiac arteriopathy</b>	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	<b>2</b>
<b>Neurological dysfunction disease</b>	severely affecting ambulation or day-to-day functioning	<b>2</b>
<b>Previous cardiac surgery</b>	requiring opening of the pericardium	<b>3</b>
<b>Serum creatinine</b>	>200 micromol/L preoperatively	<b>2</b>
<b>Active endocarditis</b>	patient still under antibiotic treatment for endocarditis at the time of surgery	<b>3</b>
<b>Critical preoperative state</b>	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)	<b>3</b>

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

in addition to CABG

**Surgery on  
thoracic aorta**

for disorder of ascending, arch or  
descending aorta

**3**

**Postinfarct septal  
rupture**

**4**