

Decreased cardiac output

Nr.	Nursing Diagnosis	Date	Nursing Intervention/s and tasks	Sign.
	<p><b>Decreased cardiac output</b></p> <p><b>Related factors:</b></p> <ul style="list-style-type: none"> <li>Altered afterload/preload (decreased)</li> <li>Altered contractility</li> <li>Altered heart rate/rhythm</li> <li>Altered Stroke Volume</li> <li>Coronary occlusion</li> <li>Coronary spasm</li> <li>Septal defect</li> </ul> <p><b>Symptoms / Risk factors:</b></p> <ul style="list-style-type: none"> <li>Anxiety</li> <li>Arrhythmias (tachycardia, bradycardia)</li> <li>Behavioral/Emotional</li> <li>Cardiac index &lt;2.5 L/min</li> <li>Cardiac output &lt;4 L/min</li> <li>Chest pain</li> <li>Cold/clammy skin</li> <li>Cyanosis</li> <li>Decreased ejection fraction, Stroke Volume Index (SVI), Left</li> <li>Decreased peripheral pulses</li> <li>Edema</li> <li>Elevated Enzymes</li> <li>EKG changes</li> <li>Jugular vein distention</li> <li>Oliguria</li> <li>Increased/decreased central venous pressure (CVP)</li> <li>Increased/decreased pulmonary artery wedge pressure (PAWF)</li> <li>Increased/decreased pulmonary vascular resistance (PVR)</li> <li>Increased/decreased systemic vascular resistance (SVR)</li> </ul> <p><b>Outcome / Goal:</b></p> <ul style="list-style-type: none"> <li>Blood pressure level: _____</li> <li>Breathing rate level _____</li> <li>Dry and warm skin</li> <li>Effortless breathing</li> <li>Fluid volume balanced an no edema</li> <li>HR rate level _____</li> <li>Oxygen saturation level: _____</li> <li>Patient maintains optimum cardiac output</li> </ul>		<p><b>Cardiac Care: Acute</b></p> <ul style="list-style-type: none"> <li>Administer O2 as prescribed and obs. oxygen saturation</li> <li>Anticipate treatment by CABG surgery</li> <li>Anticipate treatment by PTCA</li> <li>Document cardiac dysrhythmias</li> <li>Evaluate chest pain (e.g., intensity, location, radiation and duration)</li> <li>Maintain bed rest</li> <li>In case of pain obs. changes in ECG</li> <li>Monitor ECG continuously for dysrhythmias</li> </ul> <p><b>Dysrhythmia Management</b></p> <ul style="list-style-type: none"> <li>Administer prescribed IV fluids and vasoconstrictor agents as ordered</li> <li>Apply EKG electrodes and connect to a cardiac monitor</li> <li>Assist patient and family in understanding treatment options</li> <li>Initiate and maintain IV access, as appropriate</li> <li>Monitor hemodynamic response to the dysrhythmia</li> </ul> <p><b>Hemodynamic Regulation</b></p> <ul style="list-style-type: none"> <li>Administer medication, IV fluids and blood as orderd</li> <li>Consider administering: sodium bicarbonate and caluim salts</li> <li>If signs of decreased CO: administer medication and/or IV fluids as prescribed</li> <li>Monitor serum electrolytes: k+, Nacl</li> <li>Monitor vital signs and skin temperature</li> <li>Obs cardiac dysrhythmias, treat as appropriate</li> <li>Obs decreased level of consciousness</li> <li>Obs fatigue and malaise</li> <li>Obs increased respiratory rate, depth and dyspnea</li> <li>Obs lethargy and weakness</li> <li>Obs nausea and vomiting</li> <li>Obs urine output (catheter)</li> <li>Obs. mental status(changes)</li> <li>Palpate peripheral pulses</li> <li>Prepare patient for surgery (if planned)</li> </ul> <p><b>Fluid Monitoring</b></p> <ul style="list-style-type: none"> <li>Administer oral and IV fluids as prescribed</li> <li>Monitor for signs and symptoms of hypovolemia or hypovolemia</li> <li>Obs fluid balance _____ hour</li> <li>Obs fluid balance _____</li> <li>Obs vital signs Bp. O2 and pulse</li> </ul> <p><b>Respiratory Monitoring</b></p> <ul style="list-style-type: none"> <li>Administer O2 as indicated</li> <li>Asses O2 saturation and arterial blood gases</li> <li>Asses preexisting respiratory conditions</li> <li>Auscultate breath sounds</li> <li>Maintain position of comfort, usually with head of bed elevated.</li> <li>Monitor for increased restlessness, anxiety, and air hunger</li> </ul> <p><b>Allergy Management</b></p> <ul style="list-style-type: none"> <li>Administer medication, IV fluids and blood as orderd</li> <li>Mediacation: Epinephrine, Antihistamin and Steroids (if not done already)</li> <li>Place patient flat position ( in case of servere shock)</li> </ul>	