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**Anleitung zur Gesundheitspflege  
Auf Kauffahrteischiffen**

**10. Electrical accidents**

Chapter Attach. B No.

<p><b>Possible causes</b></p> <ul style="list-style-type: none"> <li>* Alternating current from 25 mA</li> <li>* Direct current 80 – 300 mA</li> </ul> <p><b>Possible consequences</b></p> <ul style="list-style-type: none"> <li>* Irregular heartbeat</li> <li>* Localised burns</li> <li>* Injury to the internal organs ( kidneys, liver, metabolic disorder, etc. )</li> </ul>	<p>B.2.7. B.2.7.1.</p> <p>B.2.7.1. B.2.7.2. B.2.7.3.</p>	
<p><b>Rescue</b></p> <ul style="list-style-type: none"> <li>* Own safety</li> <li>* Switch off device, remove mains plug, remove fuse. The victim cannot let go of the ladder due to muscle cramp</li> <li>* Be ready to administer heart and lung resuscitation</li> <li>* Apply infusion before transporting, painkiller, sedative.</li> <li>* Protective transport with stretcher</li> <li>* Positioning: With conscious patient: Position upper part of the body high With unconscious patient: Stable side position</li> </ul>	<p>C.1.1. C.1.5. C.1.7.2. C.1.7.1.</p>	<p>23.02-23.08, 25.02 11.01, 11.03 25.01</p>
<p><b>First Aid</b></p> <ul style="list-style-type: none"> <li>* Be prepared for heart and lung resuscitation</li> <li>* Irregular heartbeat: Is still possible after hours. Frequently check pulse.</li> <li>* Localised burns: Attend with sterilised bandage. Badly healing wounds.</li> <li>* With conscious patient: Allow patient to drink a lot. With 1 litre of water 20 tablets of sodium bicarbonate, 2 tablespoons of cooking salt, 3 tablespoons of glucose</li> <li>* With unconscious patient: Continue infusion treatment</li> </ul>	<p>C.1.1. B.2.7.1. B.2.7.1. C.1.5.</p>	<p>23.02 – 23.08, 25.02 14.11 3.07 11.01, 11.02, 11.03</p>
<p><b>Further treatment:</b></p> <ul style="list-style-type: none"> <li>* Exact observation of heart and circulation: Even hours after the accident, too</li> <li>* Check urine elimination. Urine quantity should be about 1-2 ml/ kg of body weight. Otherwise administer medicine to increase urine.</li> <li>* Maintain absolute bed rest: No physical activity.</li> <li>* Check wounds: Danger of infection</li> </ul>	<p>B.2.1.3.2.</p>	<p>2.06</p>
<p><b>Further Measures:</b></p> <ul style="list-style-type: none"> <li>* Frequent checking of respiration, consciousness, circulation (RCC-rule : <u>R</u>espiration, <u>C</u>onsciousness, <u>C</u>irculation)</li> <li>* Make medical appointment</li> <li>* ECG check, telemetry if required</li> </ul>		