

**Appendix B**

## Overview of all collected medical data in Simulation I and Simulation II

<b>Simulation No.</b>	<b>Observed criteria</b>
<b>Simulation I</b>	Understanding the gravity of the situation (yes/no) Taking the patient's history quickly (yes/no) Checking airway, breathing and circulation (yes/no) Flattening the bed or using a reanimation board (yes/no) Continuing resuscitation measures (yes/no) Call for help (yes/no) Time until emergency call (seconds) Application of ERC guidelines (yes/no) Time until first rhythm analysis (seconds) No-flow-time from beginning of the scenario until continuing resuscitation measures (seconds) Providing pure oxygen ventilation (yes/no) Recognition of ventricular fibrillation (yes/no) Continuing chest compressions until administration of an electric shock (yes/no) Time until the first defibrillation (seconds) Administration of amiodarone after third unsuccessful defibrillation (yes/no) Time until first administration of amiodarone (seconds) Administration of epinephrine after third unsuccessful defibrillation (yes/no) Time until first administration of epinephrine (seconds) Repetition of epinephrine administration after 3 – 5 minutes (yes/no) Return of spontaneous circulation (yes/no) Time until return of spontaneous circulation (seconds) Using pulse oximetry (yes/no) Using (non-invasive) measurement of blood pressure (yes/no)
<b>Simulation II</b>	Progression of scenario to second phase "worsening anaphylaxis" (yes/no) Progression of scenario to last phase "severe anaphylaxis" (yes/no) Improving patient's condition (yes/no) Time until improving patient's condition (seconds) Taking the patient's history quickly (yes/no) Diagnosing an "anaphylactic reaction" (yes/no) Time until diagnosing "anaphylactic reaction" (seconds) Making a wrong suspected diagnosis (yes/no) Call for help (yes/no) Time until emergency call (seconds) Stopping antibiotic infusion (yes/no) Time until stopping antibiotic infusion (seconds) Provided oxygen therapy via non-rebreathing mask (yes/no) Time until oxygen administration (seconds) Elevating position of the upper body (yes/no) Antihistamine administration (yes/no) Time until antihistamine administration (seconds) Initiation of blood volume expansion therapy (yes/no) Time until initiation of blood volume expansion therapy (seconds) Administration of epinephrine (yes/no) Time until first administration of epinephrine (seconds) Using pulse oximetry (yes/no) Time until connecting pulse oximetry (seconds) Using (non-invasive) measurement of blood pressure (yes/no) Time until first (non-invasive) measurement of blood pressure (seconds) Repetition of (non-invasive) measurement of blood pressure (yes/no) Securing respiratory track with endotracheal tube (yes/no)