### Appendix 1 Survey Questions.

Abbreviations: AIMS: Anaesthesia Information Management System; SGAR: Swiss Society of Anaesthesiology and Reanimation

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
<th>Examples</th>
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<tbody>
<tr>
<td>1. Please assess the user friendliness of the electronic anaesthesia record/data entry system (AIMS)</td>
<td>good, sufficient, unsatisfactory</td>
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<tr>
<td>2. Are the definitions of events (definition text) in the window “SGAR problems and complications/intraoperatively” unambiguous?</td>
<td>relevant, I don’t know, irrelevant</td>
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<td>3. In your opinion, how relevant is the collection of these data for patient safety?</td>
<td>yes, I don’t know, no</td>
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<td>4. In your opinion, do these data generally allow for an improvement of anaesthesia quality?</td>
<td>reliable, moderate, unreliable</td>
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<td>5. How reliable are the collected data, in your opinion?</td>
<td>yes, no</td>
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<td>6. Do you get feedback about the collected data on quality?</td>
<td>no, yes</td>
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<td>7. What are the collected data used for?</td>
<td>I don’t know, I know! (short note):</td>
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<td>8. How do the institute’s leading board and the hospital management handle problems and flaws identified with the systematic registration of intraoperative events?</td>
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<td>9. Do you have enough time to enter these data?</td>
<td>always, usually, rarely, never</td>
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<td>10. When do you usually enter the data?</td>
<td>after end of anaesthetic, before end of anaesthetic</td>
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<td>11. Do you have to carry out other important duties at the time of quality data entry?</td>
<td>always, usually, rarely, never</td>
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<td>12. If yes: Which duties?</td>
<td></td>
<td></td>
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<td>13. Please estimate how often noise or interruptions interfere with data entry</td>
<td>always, usually, rarely, never</td>
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<td>14. In your opinion, who should ideally enter these data: anaesthesia physicians or anaesthesia nurses?</td>
<td>Physician, Nurse</td>
<td></td>
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<td>15. Do you regularly perform a check of the anaesthesia record before data entry?</td>
<td>always, usually, rarely, never</td>
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<td>16. In your opinion, is there a need to improve data collection?</td>
<td>yes, I don’t know, no</td>
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<td>17. If yes: Do you have suggestions for improvements?</td>
<td></td>
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<td>18. Do you have concerns of being prosecuted more easily based on the reported intraoperative event data in case of liability?</td>
<td>yes, I don’t know, no</td>
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<td>19. Do you trust the anonymisation of the quality data?</td>
<td>yes, I don’t know, no</td>
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<tr>
<td>20. Please estimate the percentage of “events” as captured in the record (categories hypotension, hypertension, bradycardia, tachycardia, hypoxia) correctly documented using the window “intraoperative events”</td>
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