Appendix one: Survey Questions

Q1) In which hospital site do you work currently?

*Please type out the name in full*

Q2) In your hospital, which speciality attends adult IHCA calls with the responsibility for airway management?

*Tick more than one, if applicable.*

- Anaesthesia
- Intensive Care
- Other (please state) __________________________________________
- Don't know

Q3) In your hospital, which grade of practitioner on the cardiac arrest team usually has responsibility for airway management?

*Tick more than one, if applicable.*

- F2
- CT1-3 or equivalent
- CT4-7 or equivalent
- Non-consultant career grade doctor or equivalent
- Consultant or equivalent
- Critical care practitioner/advanced clinical practitioner
- Nurse
- Other (please state) __________________________________________
- Don't know

Q4) When you attend a confirmed adult IHCA, which of the following airway management options are available to you (i.e. both the equipment is readily available, and you have the skills and support to complete the intervention successfully)?

*Please indicate all available options.*

- Basic airway techniques (bag-mask ventilation with or without oral or nasal airways)
- Supraglottic airway (SGA) (e.g. LMA, i-gel, laryngeal tube)
- Tracheal intubation using direct laryngoscopy
- Tracheal intubation using indirect (video) laryngoscopy
- Other (please state) __________________________________________
- None of the above

Q5) Which SGA devices are immediately available for use during IHCA in your hospital?

*Please indicate all available options.*

- LMA
- i-gel
- Laryngeal tube

Q6) When you attend a confirmed adult IHCA, which of the following are immediately available to you?

*Please indicate all available options.*

- Skilled assistant (e.g. ODP, anaesthetic nurse)
- Intubating bougie
- Colorimetric capnography
- Waveform capnography
- None of the above
Q7) In your opinion, what proportion of IHCA patients in your hospital undergo tracheal intubation prior to achieving a return of spontaneous circulation or being pronounced dead?
   <10%
   10-30%
   31-50%
   51-70%
   71-90%
   >90%
   Don't know

Q8) Please indicate the frequency with which you personally use the following airway management techniques during IHCA:

<table>
<thead>
<tr>
<th>Technique</th>
<th>Very frequently</th>
<th>Frequently</th>
<th>Sometimes</th>
<th>Rarely</th>
<th>Very rarely/Never</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pocket mask with or without supplemental oxygen</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Bag-valve mask</td>
<td>○</td>
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<tr>
<td>SGA: LMA</td>
<td>○</td>
<td>○</td>
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<td>○</td>
<td>○</td>
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<tr>
<td>SGA: i-gel</td>
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<td>○</td>
<td>○</td>
<td>○</td>
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<tr>
<td>SGA: laryngeal tube</td>
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<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Tracheal intubation</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
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<tr>
<td>Other (please state if applicable)</td>
<td>○</td>
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</tr>
</tbody>
</table>

Q9) How important do you think it is to do a Randomised Controlled Trial of tracheal intubation during IHCA and its effect on long-term outcomes?
   Very important
   Important
   Neither important or unimportant
   Not very important
   Not at all important
Q10) How likely would you be to participate in a Randomised Controlled Trial of tracheal intubation during IHCA if patient allocation occurred via an app downloaded to your smartphone?
   - Very likely
   - Likely
   - Neither likely nor unlikely
   - Unlikely
   - Very unlikely

Q11) Please provide a reason for this answer

Q12) Is there anything you would like to add about airway management during IHCA?