Prehospital advanced airway management in the Central Region of Denmark

Leif Rognås, Troels Martin Hansen

1. Are you a specialist in anaesthesiology?
   - No
   - Yes

2. How many years of experience in anaesthesiology do you have?
   - ____________ years

3. How many years of prehospital experience do you have?
   - ____________ years

4. How many percent of your work do you spend prehospital?
   - ____________ %

5. In which of these courses have you taken part?
   - PHTLS
   - ATLS
   - EPLS
   - ALS
   - SSAI Course in advanced airway management
   - Airway management course during residency
   - Other ________________________________

6. Have you taken part in any airway management course during the last four years?
   - No
   - Yes
   If yes, what course / courses?
   ________________________________

7. How many endotracheal intubations do you perform on average pr. month?
   - In-hospital: ____________ Prehospital: ____________

8. Do you feel that there is a minimum requirement for endotracheal intubations pr. month necessary to maintain this skill?
   - No
   - Yes
   If yes – how many?
   ________________________________
   If no – why not?
   ________________________________

9. Have you ever experienced a difficult prehospital endotracheal intubation?
   (Definition: >2 intubation attempts or >2 minutes used or Cormac – Lehan Score ≥3 or intubation of the oesophagus)
   - No
   - Yes
   - Trauma
   - Cardiac arrest
   - Respiratory failure
   - Child
   - Other ________________________________
   If yes – in what type of patient / patients?
10. Have you ever had to give up on a prehospital endotracheal intubation?  
   ☐ No  
   ☐ Yes – problem solved by bag-valve-mask ventilation  
   ☐ Yes – problem solved with a supraglottic device  
   ☐ Yes – problem solved with a transtracheal airway  
   ☐ Yes – problem solved in another way  
   ☐ Yes – and the problem could not be solved prehospital  
   If yes – how did you solve the problem?  
   ☐ Trauma  
   ☐ Cardiac arrest  
   ☐ Respiratory failure  
   ☐ Child  
   ☐ Other______________________  
   If yes – in what type of patient / patients?  
   ☐ No  
   ☐ Yes – problem solved by bag-valve-mask ventilation  
   ☐ Yes – problem solved with a supraglottic device  
   ☐ Yes – problem solved with a transtracheal airway  
   ☐ Yes – problem solved in another way  
   ☐ Yes – and the problem could not be solved prehospital  
   ☐ Trauma  
   ☐ Cardiac arrest  
   ☐ Respiratory failure  
   ☐ Child  
   ☐ Other______________________  

11. Are you aware of any prehospital deaths related to airway management in your prehospital program?  
   ☐ No  
   ☐ Yes  

12. What type of airway management equipment is available in your prehospital program?  
   ☐ Supraglottic devices  
   ☐ Laryngeal masks (LMA)  
   ☐ LMA Proseal  
   ☐ I-Gel  
   ☐ Intubating laryngeal mask (ILMA / Fasttrach)  
   ☐ Larynxtube  
   ☐ Combitube  
   ☐ Other______________________  
   ☐ Intubation aids  
   ☐ McCoy laryngoscope  
   ☐ Gum-Elastic-Bougie  
   ☐ AirTraq  
   ☐ Other______________________  
   ☐ Transtracheal devices  
   ☐ Equipment for transtracheal needle oxygenation  
   ☐ Equipment for establishing a surgical airway  
   ☐ Other______________________  
   ☐ Don’t know  

13. Which of these airway devices have you received any form of education or training in using?  
   ☐ Supraglottic devices  
   ☐ Laryngeal masks (LMA)  
   ☐ LMA Proseal  
   ☐ I-Gel  
   ☐ Intubating laryngeal mask (ILMA / Fasttrach)  
   ☐ Larynxtube  
   ☐ Combitube  
   ☐ Other______________________  
   ☐ Intubation aids  
   ☐ McCoy laryngoscope  
   ☐ Gum-Elastic-Bougie  
   ☐ AirTraq  
   ☐ Other______________________  
   ☐ Transtracheal devices  
   ☐ Equipment for transtracheal needle oxygenation  
   ☐ Equipment for establishing a surgical airway  
   ☐ Other______________________  
   ☐ None of the above
14. What’s your clinical experience in the use of the following airway devices?

<table>
<thead>
<tr>
<th>Airway Device</th>
<th>Experience Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laryngeal mask (LMA)</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>LMA Proseal</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>I-Gel</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>Intubating Laryngeal mask (ILMA / Fasttrach)</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>Larynxtube</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>Combitube</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>McCoy laryngoscope</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
<tr>
<td>Gum – Elastic - Bougie</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
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<td>AirTraq</td>
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<tr>
<td>Equipment for transtracheal needle oxygenation</td>
<td>☐ None ☐ Minor clinical experience ☐ Some clinical experience ☐ Considerable clinical experience</td>
</tr>
</tbody>
</table>
15. What is your preferred airway management device in a “Can ventilate – can’t intubate”-situation?

- Supraglottic devices
  - Bag-valve-mask
  - Laryngeal masks (LMA)
  - LMA Proseal
  - I-Gel
  - Intubating laryngeal mask (ILMA / Fasttrach)
  - Larynxtube
  - Combitube
  - Other ____________________

- Intubation aids
  - McCoy laryngoscope
  - Gum-Elastic-Bougie
  - AirTraq
  - Other ____________________

- Transtracheal devices
  - Equipment for transtracheal needle oxygenation
  - Equipment for establishing a surgical airway
  - Other ____________________

16. What is your preferred airway management device in a “Can’t ventilate – can’t intubate”-situation?

- Supraglottic devices
  - Laryngeal masks (LMA)
  - LMA Proseal
  - I-Gel
  - Intubating laryngeal mask (ILMA / Fasttrach)
  - Larynxtube
  - Combitube
  - Other ____________________

- Intubation aids
  - McCoy laryngoscope
  - Gum-Elastic-Bougie
  - AirTraq
  - Other ____________________

- Transtracheal devices
  - Equipment for transtracheal needle oxygenation
  - Equipment for establishing a surgical airway
  - Other ____________________

17. How do you maintain your airway management skills?

- Regularly clinical work
- Mannequin training
- Training on cadavers
- Simulations
- Airway management courses
- Other ____________________
- None of the above
18. Does your prehospital program carry out prehospital airway management education and training on a regular basis?  
- No  
- Yes  
- Don’t know  

19. Does your prehospital program have written guidelines for prehospital airway management?  
- No  
- Yes, national / international guidelines are implemented  
- Yes there are local, specific guidelines for prehospital airway management  
- Don’t know