

Prehospital advanced airway management in the Central Region of Denmark

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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 yeas – how many? _____
If no – why not? _____
9. Have you ever experienced a difficult prehospital endotracheal intubation? ☐ No
☐ Yes
(Definition: >2 intubation attempts **or** >2 minutes used **or** Cormac – Lehan Score ≥ 3 **or** intubation of the oesophagus)
☐ 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?

If yes – how did you solve the problem?

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)
- ☐ Larynx tube
- ☐ 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)
- ☐ Larynx tube
- ☐ 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?

Laryngeal mask (LMA)

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

LMA Proseal

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

I-Gel

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Intubating Laryngeal mask (ILMA / Fasttrach)

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Larynx tube

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Combitube

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

McCoy laryngoscope

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Gum – Elastic - Bougie

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

AirTraq

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Equipment for transtracheal needle oxygenation

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Equipment for establishing a surgical airway

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

Other

- ☐ None
- ☐ Minor clinical experience
- ☐ Some clinical experience
- ☐ Considerable clinical experience

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)
- ☐ Larynx tube
- ☐ 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)
- ☐ Larynx tube
- ☐ 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