## Pre-hospital Advanced Airway Management in the Central Denmark Region

1) Background		
Pre-hospital critical care	□ Aarhus	□ Randers
team	□ Horsens	□ Grenå
	□ Silkeborg	□ Lemvig
	□ Viborg	□ Karup
Attending doctor a consultant	□ Yes	□ No
Doctor's experience in pre-hos	spital critical	WATER STATE OF THE
care (years)	A STATE OF THE PARTY OF THE PAR	
ASSES " A SERVICE OF THE PARTY		
2) Alexandete		
2) Alarm data  Date	A STATE OF THE PARTY OF THE PAR	(dd.mm.yy)
Time of the alarm	1 1	. (dd.Hilli.yy)
Time on scene, EMS		400
Time on scene, critical care te	am	
Time at hospital		
3) Patient data:		A CONTRACTOR OF THE PROPERTY O
Social security number		
ASA- score (prior to current event Co-morbidity		The state of the s
CO-morbidity		
	The second	
4) Patient category (more than	n one alternative <mark>n</mark>	nay be checked)
Blunt trauma		☐ Traumatic brain injury
		□ Multitrauma
	5	□ Strangulation
		□ Burns
		□ Other blunt trauma
Penetrating trauma	ĺk.	
Non-trauma patient	Markey Markey	□ Cardiac arrest (CA)
P AND THE PARTY OF	WWw.man.Laling)	□ Cardiological disease (non-CA)
		□ Asthma / COPD
		□ ENT
		□ SAH / stroke
		□ Other:

5) First registered vital signs	
Respiratory rate	/min
SpO <sub>2</sub>	%
	With supplementary O₂ □
Lla aut wate	Without supplementary O₂ □
Heart rate Systolic blood pressure	/min mmHg
Glasgow Coma Scale Score	
3	
	ement (more than one alternative may be checked)
□ Reduced level of consciousness	
□ Hypoxia	
□ Ineffective ventilation	
□ Existing airway obstruction	
□ Impending airway obstruction	HIPMIN'S
□ Anaesthesia because of combative or unco	poperative patient
□ Anaesthesia to reduce pain or stress	
□ Cardiac arrest	
Other (please specify)	
7) Airway evaluation (more than one alternative	re may be checked)
□ Prior difficult airway management	
□ Severe obesity	The state of the s
□ Malampati score > 2	
□ Small mouth (< 4 cm in adults)	
□ Under-bite impossible	
□ Reduced neck mobility (< 90 grader) include	ding in-line stabilisation
☐ Short thyo-mental distance (< 3 fingers)	and it line stabilisation
	Manage State of the State of th
□ Significant airway trauma	
□ Other (please specify)	
☐ Airway evaluation not performed	
	Manufacture Control of the Control o

8) "Plan A" for airway management (only one check, please)				
Spontaneous respirat	tion			
	□ No assistance (with / without supplementary O2)			
	□ With chin-lift or jaw-trust			
December 1	□ With oropharyngeal- / nasopharyngeal airway			
Bag-mask-ventilation				
	□ Without adjuncts			
Lorungeel mook	□ With oropharyngeal- / nasopharyngeal airway			
Laryngeal mask	Ctandard			
	□ Standard			
Oval intubation	□ Intubation laryngeal mask ("Fasttrach")			
Oral intubation	□ Standard larungascopy without stylet			
ASS 's	☐ Standard laryngoscopy without stylet☐ Standard laryngoscopy with stylet☐ Standard laryngoscopy with stylet☐			
	☐ Standard laryngoscopy with "Gum - Elastic - Bougie"			
	□ Airtraq			
Other	LI Airtiaq			
	□ Nasal intubation			
	□ Surgical airway			
9) Best Cormack -	Lehane – score (Grade 1-4)			
40) Noveles es es elem				
10) Numbers of airway management attempts				
11) Number of airway management devices used				
	- Additional and additional additional and additional addi			

12) Final method used for airway management (only one check, please)				
Spontaneous respirati				
	□ No assistance (with / without supplementary O2)			
	□ With chin-lift or jaw-trust			
	□ With oropharyngeal- / nasopharyngeal airway			
Bag-mask-ventilation				
	□ Without adjuncts			
	□ With oropharyngeal- / nasopharyngeal airway			
Laryngeal mask				
	□ Standard			
	□ Intubation laryngeal mask ("Fasttrach")			
Oral intubation				
	□ Standard laryngoscopy without stylet			
ASSET I	☐ Standard laryngoscopy with stylet			
	☐ Standard laryngoscopy with "Gum - Elastic - Bougie"			
	□ Airtraq			
Other				
	□ Nasal intubation			
	□ Surgical airway			
13) Post- interventio	enal ventilations mode (only one check, please)			
□ Spontaneous ventil				
□ Controlled ventilation	on			
	☐ Manual ventilation			
	□ Automated ventilator			
	□ Both the above			
☐ Mixed spontaneous	s / controlled ventilation			
	Total Control of the			
The same of the sa	ng airway management (more than one alternative may be checked)			
□ Thiopental				
□ Propofol				
□ Midazolam	Carlos Seguina Management and Carlos Seguina S			
□ S-Ketamine	Will be a second IN W.			
□ Fentanyl	THE WITH CAMPA			
□ Alfentanil				
□ Morphine				
□ Suxametonium				
□ Rocuronium				
□ Ephedrine				
□ Lidocain				
☐ Other (please specify)	)			
□ None				

15) Complications related to airway management (more than one alternative may be checked)				
□ None				
□ Surgical airway necessary				
□ Accidental intubation of the oesophagus				
□ Accidental intubation of right main stem bronchus				
□ Dental trauma				
□ Vomiting				
□ Aspiration				
□ Hypoxia (SpO <sub>2</sub> < 90%)				
□ Bradycardia (heart rate < 60/min.)				
□ Hypotension (systolic blood pressure < 90 mmHg)				
□ Other (please specify)				
Accommodation 2				
16) First post-intervention vital signs				
ETCO <sub>2</sub> kPa				
SpO <sub>2</sub> %				
Respiratory rate /min				
Heart rate /min				
Systolic blood pressuremmHg				
17) Vital signs upon arrival at the emergency department				
ETCO <sub>2</sub> kPa				
SpO <sub>2</sub> %				
Respiratory rate /min				
Heart rate /min				
Systolic blood pressuremmHg				
The state of the s				
18) Pre-hospital outcome				
□ Pre-hospital death (declared dead by pre-hospital critical care team physician)				
□ Patient alive upon arrival at the emergency department (including patients with ongoing CPR)				

19) Pre-hospital advanced airway management not performed		
Did you consider performing pre-hospital advanced airway management but		
decided against it?		
If yes, what was the reason? (more than one alternative may be checked)		
□ Expected difficult airway management		
□ Difficult access to the patient		
□ Short distances to the emergency department		
□ Patient's condition		
□ Patient's co-morbidity		
□ Lack of training / experience		
□ Lack of appropriate equipment		
□ Lack of necessary assistance		
□ Other		
20) Comments:		
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- Application of the Control of the		

Thank you very much for you collaboration!