

Table 3. Classification assessment used in this study to better reflect the significance of performed tasks.

Time at end of TQ application (seconds)		Quality of TQ application (points)		Time at successful airway release (seconds)		Quality of airway release (points)		Time at end of NPA application (seconds)		Quality of NPA application (seconds)		Time at end of chest seal application (seconds)		Quality of chest seal application (points)		Extra points	Score
Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
<50	4	11	10	<60	7	11	10	<60	9	8	10	<120	9	8	10	14	10
50–55	3	10	9	61–90	6	10	9	61–90	8	7	9	121–150	8	7	9	13	9
56–59	2	9	8	91–120	5	9	8	91–120	7	6	8	151–180	7	6	8	12	8
60–91	1	8	7	121–150	4	8	7	121–150	6	5	7	181–210	6	5	7	11	7
>91	0	7	6	151–180	3	7	6	151–180	5	4	6	211–240	5	4	6	10	6
		6	5	181–210	2	6	5	181–210	4	3	5	241–270	4	3	5	9	5
		5	4	211–240	1	5	4	211–240	3	2	4	271–300	3	2	4	8	4
		4	3			4	3	241–270	2	1	3	301–330	2	1	3	7	3
		3	2			3	2	271–300	1			>331	1			6	2
		2	1			2	1									5	1
		1	0			1	0										0

Abbreviations: TQ – tourniquet, NPA – nasopharyngeal airway

The quality of individual interventions was evaluated on the basis of a skill assessment checklist (www.deployedmedicine.com, Joint Trauma System – JTS, USA) in which it was possible to obtain a score of 1-11 points (Quality of TQ application and airway release), or 1-9 points (Quality of NPA application and of chest seal application) respectively. The speed of intervention was also assigned a weighted score with faster intervention receiving a higher score. These scores were combined and normalized on a scale of 1-10 such that quality of intervention was prioritized over speed.

Table 4. “Extra points” questionnaire.

Questions	Participant number													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Were questions raised about safety	no	no	no	no	no	no	no	yes	yes	no	no	yes	no	yes
Assult rifle was secured (magazine removed, discharged)	yes	no	no	no	no	no	yes	no	no	no	no	no	no	no
Personal sidearm (Glock 17) was secured (magazine removed, discharged)	yes	no	no	yes	no	no	yes	no	no	yes	no	no	no	no
Compelte „blood sweep“ procedure was performed	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes
Help was called	yes	yes	no	no	no	no	no	yes	no	no	no	no	yes	no
Evaluation of the back was performed	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
TQ application time was announced	no	yes	yes	yes	no	no	no	no	no	no	no	yes	yes	yes
Decompression by needle puncture was performed	no	yes	no	no	no	no	no	no	no	no	no	no	yes	no
Filling out of the TCCC card was initiated	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no
A „trauma naked“ procedure was performed	no	no	no	no	no	no	no	yes	no	no	no	no	no	no
Prevention of hypothermia was performed (application of isothermal foil)	yes	yes	yes	no	no	yes	no	yes	yes	yes	yes	yes	no	yes
Reassesment of tourniquet	no	yes	no	yes	yes	yes	yes	no	yes	yes	yes	yes	no	yes
Reassesment of nasal airway	yes	yes	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Reassesent of chest valve	no	yes	no	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes
Total points	6	9	4	7	5	6	8	8	7	7	6	7	7	8

Total points – Group 1	45
Total points – Group 2	50