<b>Appendix 1.</b> Validated questionnaire survey from So et al. (20) 2019	
Questionnaire	
Survey in TOR among medical practitioners in emergency departm	ient.
Thank you for participating in this survey.	
It would take about <b>5-10 minutes</b> to complete this questionnaire. Ind be used anonymously and solely for research purposes.	ividual personal data collected will be kept confidential, and wil
Should there be any enquiry, please contact Dr. Nur Aiza Binti Mohan	ned Salleh (draizasalleh@gmail.com)
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Demographic data	
Year of graduation:	Hospital:
Gender: Male / Female	Religion:
Year of experience in EM  ☐ Less than 1 year ☐ 1-5 years ☐ more than 5 years  Current status ☐ EM physician ☐ EM trainee ☐ service MO ☐ contract MO  Time of last ACLS course	
□ >2 years □ ≤2 years □ never  Current instructor of BLS/ACLS/PALS  □ Yes □ No	
Received training on ethics or legal aspects on TOR/DNACPR  ☐ Yes ☐ No	
Received training on breaking news (i.e. lessons with instructors, e $\square$ Yes $\square$ No	xclude self-reading)

## Questions

1. !	or the followin	g scenarios.	please indicate	how long vo	u would re	suscitate the pati	ent.
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[0: no resuscitation, 4: prolonged resuscitation]

Multiple co-morbidities, aged 85, non-witnessed cardiac arrest, asystole as initial rhythm on scene	0	1	2	3	4
Multiple co-morbidities, aged 85, witnessed arrest, bystander CPR, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 85, non-witnessed cardiac arrest, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 85, witnessed cardiac arrest, bystander CPR, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 85, witnessed cardiac arrest, bystander CPR + defibrillation, asystole as initial rhythm on scene	0	1	2	3	4
Multiple co-morbidities, aged 40, witnessed cardiac arrest, bystander CPR, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 40, witnessed cardiac arrest, bystander CPR alone, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 40, witnessed cardiac arrest, bystander CPR + defibrillation, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 15, non-witnessed cardiac arrest, asystole as initial rhythm on scene	0	1	2	3	4
Good past health, aged 15, witnessed cardiac arrest, bystander CPR, asystole as initial rhythm on scene	0	1	2	3	4

2.	In	the	past	6	months	(0:	never.	4:	alway	٧S	١
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How often do you allow family members to be present in resuscitation?	0	1	2	3	4
You stopped your resuscitation for medically futile patients because relatives are calm and well accepted.	0	1	2	3	4
You prolonged your resuscitation for medically futile patients if relatives are not prepared to accept death of their relatives.	0	1	2	3	4

- Ambulance driver	y patient dead: [tick the correct answers]
- Medical attendant	
- Registered medical practitioner	
- Registered nurse	
- Police officer	
5. Do you think a departmental qui	deline on TOR will be useful to you?
	tral □ Disagree □ Strongly disagree

7. Do you know that there are validated rules for TOR?  ☐ Yes ☐ No (Skip Q8 if answer is No)	
8. Please briefly state the TOR criteria of any TOR rules that you know.	
9. DNACPR order by OHCA patients can be overridden by the attending EM physician base on one's over $\square$ Yes $\square$ No	vn clinical judgment.
10. Resuscitation is considered medically not futile if ROSC occurs after CPR.  ☐ Yes ☐ No	
11. Medical futility is a subjective decision.  □ Yes □ No	
12. No resuscitation should be performed on arrival at A&E for OHCA patients if they are considered	medically futile.
□ Strongly agree □ Agree □ Neutral □ Disagree □ Strongly disagree	
13. Cardiac death patients usually can donate the same types and numbers of organs compared with ☐ Yes ☐ No	brain death patients.
☐ Strongly agree ☐ Agree ☐ Neutral ☐ Disagree ☐ Strongly disagree	
14. Hospital ethics / Q&S (quality and safety) Support team, if readily available, would provide you mo  ☐ Strongly agree ☐ Agree ☐ Neutral ☐ Disagree ☐ Strongly disagree	re confidence in early TOR.
15. What is your attitude towards euthanasia?	
☐ Strongly agree ☐ Agree ☐ Neutral ☐ Disagree ☐ Strongly disagree	
16. Please rate the importance of the below factors that you would consider while considering TOR.  (0: not important, 4: most important)  DNACPR card for OHCA  DNACPR (in-hospital) documented during previous hospitalization  Premorbid status and premorbid co-morbidities  Time from cardiac arrest to BLS initiation  Defibrillation by ambulance crew/layman  Age of the patient  Successful intubation	
17. TOR is similar to euthanasia.  □ Yes □ No	

18. In the case of cardiac arrest for more than 20 minutes with no reversible cause, do you think that non-physicians (e ambulance men or nurse) can diagnose death in the field?	g.
□ Strongly agree □ Agree □ Neutral □ Disagree □ Strongly disagree	
19. In prehospital cardiac arrest, do you think that ambulance men could decide not to resuscitate a patient according protocols?	to
(e.g. non-witnessed arrest with no bystander CPR/shock, with asystole as initial rhythm by ambulance crew).	
□ Strongly agree □ Agree □ Neutral □ Disagree □ Strongly disagree	
20. Ideally, selected family members (e.g. calm relatives/parents of kids) should be allowed to witness resuscitation process wi a nurse as accompany.	th
□ Strongly agree □ Agree □ Neutral □ Disagree □ Strongly disagree	
21. Do you think that a rule for TOR should be implemented in accident and emergency departments on Malaysia? $\square$ Yes $\square$ No	
22. If there is a departmental guideline for TOR, how frequency do you think you will follow the guideline not to initiar resuscitation?	te
(0: Never, 4: Always) (e.g. BLS TOR rules: arrest was not witnessed by EMS personnel, and no AED shock before transport. ALS TOR ru Non-witnessed arrest, with no bystander CPR and no AED shock before transport)  □ 0 □ 1 □ 2 □ 3 □ 4	e:
23. Do you think the presence of relatives would prolong your duration of resuscitation? (0: Never, 4: Always)	
24. What factor(s) concern you most when you follow/not to follow departmental guidelines for TOR?	
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< This is the end of this questionnaire. Thank you for your participation. >	

**Abbreviations:** EM: Emergency medicine, CPR: Cardiopulmonary resuscitation, ACLS: Advanced Cardiac Life Support, TOR: Termination of resuscitation, OHCA: Out-of-hospital cardiac arrest, DNACPR: Do not attempt cardiopulmonary resuscitation