

8-15-2022

Topic: a scoping review of ethical issues in normothermic regional perfusion in deceased organ donors after circulatory determination of death

For: Drs. Marat Slessarev and Nick Murphy

Database: Ovid MEDLINE(R) ALL <1946 to [final search date]>

Search Strategy:

-
- 1 exp Tissue Donors/ or exp "Tissue and Organ Procurement"/
 - 2 (donor\$1 or donation\$ or donate).mp. or ((tissue\$ or organ\$) adj3 (procurement\$ or procured\$ or harvest\$ or sharing\$ or method\$)).tw,kw,kf.
 - 3 or/1-2
 - 4 Death, Sudden, Cardiac/
 - 5 ((cardiac\$ or cardio\$ or heart\$ or arrhythmogenic\$) adj3 (arrest\$ or death\$)).tw,kw,kf.
 - 6 ((cardio-circulat\$ or cardiocirculat\$ or circulat\$) adj5 (cease\$1 or cessation\$ or absence of or death\$ or permanence\$ or permanent\$ or irreversibl\$ or complete\$)).tw,kw,kf.
 - 7 (non-heartbeating\$ or non-heart-beating\$ or nonheartbeat\$).mp. or (without adj2 (heartbeat\$ or heart-beat\$)).tw,kw.
 - 8 ((cDCD or cDCDD or DCD or DCDs or NHBD or NHBDs or NHBOD or NHBODs) and (non-heartbeating\$ or non-heart-beating\$ or nonheartbeat\$ or circulat\$ or cardiac\$ or cardio\$ or death\$ or deceased\$)).tw,kw.
 - 9 ((dead adj3 rule\$1) or ((permanen\$ adj5 (principle\$ or cessation\$)) or ((declaration\$ or determin\$) adj5 death\$))).tw,kf.
 - 10 or/4-9
 - 11 3 and 10
 - 12 exp Perfusion/ or exp Reperfusion Injury/ or exp Reperfusion/ or (perfus\$ or reperfus\$ or re-perfus\$).mp.
 - 13 Extracorporeal Membrane Oxygenation/
 - 14 (ECMO or ECPR or ECLS or EISOR).tw,kf.
 - 15 (exp resuscitation/ or exp cardiopulmonary resuscitation/ or resuscitation orders/) and (extracorpor\$ or extra-corpor\$ or extrapulmonar\$).tw.
 - 16 ((extracorpor\$ or extra-corpor\$ or extrapulmonar\$) and (oxygen\$ or CPR or resuscitation\$ or support\$)).mp.
 - 17 or/12-16
 - 18 (normotherm\$ or normo-therm\$ or (hypertherm\$ or fever\$1 or pyrexia\$ or hypotherm\$)).mp.
 - 19 cold ischemia/ or warm ischemia/ or ((cold\$1 or warm\$1) adj3 isc??emia\$).mp.
 - 20 ((perfus\$ or reperfus\$ or re-perfus\$) and (NRP or NMP or MP)).tw,kf.
 - 21 or/18-20
 - 22 17 or 21 [expanded]
 - 23 3 and 10 and 22

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- 24 exp Informed Consent/ or exp *Ethics/ or exp Ethics, Medical/
 25 consent\$.mp. or (ethics\$ or ethical\$ or waiver\$1).tw,kf.
 26 (irb or irbs or (((review adj3 board\$) or (committee\$ adj5 ethic\$)) and (research\$ or
 institution\$))).tw,kf.
 27 (es or lj).fs. [Ethics OR Legislation & Jurisprudence]
 28 (law\$1 or legal\$).tw,kf.
 29 (new normal\$ or public\$).tw,kf.
 30 respect/ or ((respect or respecting or integrity or dignity\$) adj3 (recipient\$ or donor\$)).tw,kf.
 31 ((respect or respecting or integrity or dignity\$) and (recipient\$ or donor\$) and (families\$ or
 family\$ or autonom\$ or wishes\$ or wish\$1 or decision\$ or deciding or rule\$1)).tw,kf.
 32 decision making/ or decision making, shared/ or (decision\$ to withdraw\$ or decision-mak\$ or
 decisionmak\$).tw,kf.
 33 or/24-32
 34 23 and 33
 35 3 and 17 and (or/24-25,32)
 36 3 and (6 or 8) and 33 and (((declaration\$ or determin\$) adj5 death\$) or (donation\$ adj2
 after\$)).ti.
 37 10 and 17 and 21 and ((normotherm\$ or normo-therm\$) and regional\$ and (perfus\$ or
 reperfus\$ or re-perfus\$)).tw,kf.
 38 34 or 35 or 36 or 37
39 limit 38 to english language

Database: Embase Classic+Embase <1947 to [final search date]>

Search Strategy:

-
- 1 organ donor/
 2 (donor\$1 or donation\$ or donate or ((tissue\$ or organ\$) adj3 (procurement\$ or procured\$ or
 harvest\$ or sharing\$ or method\$))).tw,kw,in.
 3 or/1-2
 4 *heart death/ or *sudden cardiac death/
 5 ((cardiac\$ or cardio\$ or heart\$ or arrhythmogenic\$) adj3 (arrest\$ or death\$)).tw,kw.
 6 ((cardio-circulat\$ or cardiocirculat\$ or circulat\$) adj5 (cease\$1 or cessation\$ or absence of or
 death\$ or permanence\$ or permanent\$ or irreversibl\$ or complete\$)).tw,kw.
 7 (non-heartbeating\$ or non-heart-beating\$ or nonheartbeat\$).mp. or (without adj2 (heartbeat\$ or
 heart-beat\$)).tw,kw.

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8 ((cDCD or cDCDD or DCD or DCDs or NHBD or NHBDs or NHBOD or NHBODs) and (non-heartbeating\$ or non-heart-beating\$ or nonheartbeat\$ or circulat\$ or cardiac\$ or cardio\$ or death\$ or deceased\$)).tw,kw.

9 dead donor rule/ or ((dead adj3 rule\$1) or ((permanen\$ adj5 (principle\$ or cessation\$)) or ((declaration\$ or determin\$) adj5 death\$))).tw,kw.

10 or/4-9

11 3 and 10

12 exp regional perfusion/ or exp perfusion/ or (perfus\$ or reperfus\$ or re-perfus\$).tw,kw.

13 extracorporeal oxygenation/

14 (ECMO or ECPR or ECLS or EISOR).tw,kw.

15 resuscitation/ and (extracorpor\$ or extra-corpor\$ or extrapulmonar\$).tw,kw.

16 ((extracorpor\$ or extra-corpor\$ or extrapulmonar\$) and (oxygen\$ or CPR or resuscitation\$ or support\$)).tw,kw.

17 or/12-16

18 (normotherm\$ or normo-therm\$ or (hypertherm\$ or fever\$1 or pyrexia\$ or hypotherm\$)).tw,kw.

19 cold ischemia/ or warm ischemia time/ or ((cold\$1 or warm\$1) adj3 isc??emia\$).tw,kw.

20 ((perfus\$ or reperfus\$ or re-perfus\$) and (NRP or NMP or MP)).tw,kw.

21 or/18-20

22 17 or 21 [expanded]

23 3 and 10 and 22

24 informed consent/ or exp *legal aspect/ or medical ethics/ or ethical decision making/ or medicolegal aspect/ or dead donor rule/ or exp health legislation/

25 (consent\$ or (ethics\$ or ethical\$ or waiver\$1)).tw,kw.

26 (irb or irbs or (((review adj3 board\$) or (committee\$ adj5 ethic\$)) and (research\$ or institution\$))).tw,kw.

27 ((respect or respecting or integrity or dignity\$) and (recipient\$ or donor\$) and (families\$ or family\$ or autonom\$ or wishes\$ or wish\$1 or decision\$ or deciding or rule\$1)).tw,kw.

28 (law\$1 or legal\$).tw,kw.

29 (new normal\$ or public\$).tw,kw.

30 respect/ or ((respect or respecting or integrity or dignity\$) adj3 (recipient\$ or donor\$)).tw,kw.

31 exp decision making/ or (decision\$ to withdraw\$ or decision-mak\$ or decisionmak\$).tw,kw.

32 or/24-31

33 23 and 32

34 3 and 17 and (or/24-25,31)

35 3 and (6 or 8) and 32 and (((declaration\$ or determin\$) adj5 death\$) or (donation\$ adj2 after\$)).ti.

36 10 and 17 and 21 and ((normotherm\$ or normo-therm\$) and regional\$ and (perfus\$ or reperfus\$ or re-perfus\$)).tw,kw.

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37 33 or 34 or 35 or 36

38 limit 37 to english language

39 limit 38 to embase
