



Appendix

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Rakhra SS, Opdam HI, Gladkis L, et al. Untapped potential in Australian hospitals for organ donation after circulatory death. *Med J Aust* 2017; 207: 294-301. doi: 10.5694/mja16.01405.

Appendix. Actual donation after circulatory death (DCD) donors, according to their satisfying ideal or expanded criteria for DCD

	Actual DCD donors			<i>P</i>
	Satisfied criteria for ideal DCD	Satisfied criteria for expanded DCD	Satisfied neither set of criteria	
Actual DCD donors	100	56	46	
Age (years), median (IQR)	40 (26–52)	60 (48–64)	60 (55–63)	< 0.001
Sex (men)	68 (68%)	44 (79%)	27 (59%)	0.10
Length of stay in intensive care unit (days), median (IQR)	4 (3–5)	4 (2–6)	5 (2–8)	0.53
Time to death after WCRS (minutes), median (IQR)	18 (13–22)	17 (13–24)	19 (15–23)	0.34
Cause of death				< 0.001
Non-neurological	7 (7%)	5 (9%)	4 (9%)	
Cerebral hypoxia	51 (51%)	25 (45%)	10 (22%)	
Intracranial haemorrhage	10 (10%)	18 (32%)	20 (43%)	
Traumatic brain injury	30 (30%)	4 (7%)	2 (4%)	
Cerebral infarction	0	2 (4%)	10 (22%)	
Other neurological	2 (2%)	2 (4%)	0	
Chronic medical conditions				
Chronic heart disease	6 (6%)	9 (16%)	6 (13%)	0.11
Chronic lung disease	10 (10%)	6 (11%)	14 (30%)	0.003
Chronic liver disease	6 (6%)	2 (4%)	3 (6%)	0.76
Chronic renal disease	0	0	0	
Peripheral vascular disease	0	0	1 (2%)	0.18
Diabetes	4 (4%)	2 (4%)	5 (11%)	0.18
Hypertension	6 (6%)	17 (30%)	22 (48%)	< 0.001
Hepatitis C	0	2 (4%)	0	0.07
Recent intravenous drug use	3 (3%)	0	0	0.21
Laboratory results, median (IQR)				
Alanine aminotransferase level (IU/L)	55 (31–101)	61 (30–92)	37 (23–104)	0.41
Best PaO ₂ /FiO ₂ ratio	403 (288–487)	429 (362–485)	410 (313–443)	0.38
Lowest serum creatinine level during admission (μmol/L)	64 (53–77)	63 (49–80)	68 (44–83)	0.97
Chest x-ray: major changes	20/90 (22%)	10/48 (21%)	4/32 (13%)	0.49
Current or ex-smoker	12/61 (20%)	8/32 (25%)	3/16 (19%)	0.92
Renal replacement therapy	6 (6%)	1 (2%)	1 (2%)	0.34
Noradrenaline or adrenaline administered	49/60 (82%)	36/40 (90%)	22/29 (76%)	0.29
Noradrenaline dose (μg/min), median (IQR)	4 (0.1–10)	5 (3–15)	3 (0–11)	0.23

WCRS = time to death after withdrawal of cardio-respiratory support.