



Appendix 2

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

Appendix 2 to: Duke GJ, Barker A, Knott CI, Santamaria JD. Outcomes of older people receiving intensive care in Victoria. *Med J Aust* 2014; 200: 323-326.
doi: 10.5694/mja13.10132.

Appendix 2: Trends in the prevalence and mortality of ten main diagnostic and mechanical ventilation subgroups in older people receiving treatment in an Intensive Care Unit in the State of Victoria, for financial years 2000-2011.

ICU Diagnostic Group, age ≥65 years	n	Proportion of admissions	Prevalence risk of diagnostic group by year of observation*	P-value*	Deaths (%)	Risk of death by year of observation*	P-value*
Mechanical ventilation	49912	46.1%	0.99 (0.99-1.00)	0.02	12257 (24.6)	0.96 (0.95-0.97)	<0.001
Cardiac medical	19161	17.7%	0.94 (0.94-0.95)	<0.001	3826 (20.0)	0.98 (0.97-0.99)	<0.001
Cardiac surgical	17789	16.4%	0.97 (0.96-0.97)	<0.001	538 (3.0)	0.97 (0.95-1.01)	0.07
Gastrointestinal	12987	12.0%	1.02 (1.01-1.03)	<0.001	2334 (18.0)	0.94 (0.93-0.95)	<0.001
Cancer	12303	11.4%	1.03 (1.02-1.03)	<0.001	1463 (11.9)	0.96 (0.94-0.97)	<0.001
Trauma	5730	5.3%	1.04 (1.03-1.05)	<0.001	1203 (21.0)	0.94 (0.92-0.96)	<0.001
Neurological	5004	4.6%	1.01 (1.00-1.02)	<0.001	1670 (33.4)	0.97 (0.95-0.99)	0.006
Severe Sepsis	4671	4.3%	1.05 (1.04-1.05)	<0.001	1392 (29.8)	0.97 (0.95-0.98)	<0.001
Respiratory	4401	4.1%	1.00 (0.99-1.01)	0.89	759 (17.2)	0.99 (0.96-1.01)	0.13
Hepato-biliary	3510	3.2%	1.02 (1.01-1.03)	<0.001	503 (14.3)	0.96 (0.93-0.99)	0.006
Renal	2870	2.7%	1.03 (1.02-1.04)	<0.001	482 (16.8)	0.93 (0.90-0.96)	<0.001

* 95% confidence interval of odds ratio for risk per year, and associated P-value for trend. ICU = intensive care unit.