

Invasive Pneumococcal Disease and Long-Term Mortality Rates in Adults, Alberta, Canada

Appendix

Appendix Table 1. Demographic information comparing cases to controls, by year of IPD diagnosis or control pseudodiagnosis

Characteristic	>10 Years		5–10 Years		<5 Years	
	Cases	Controls	Cases	Controls	Cases	Controls
Totals, no. (%)	2,014 (100%)	3,810 (100%)	882 (100%)	1,758 (100%)	1,626 (100%)	3,269 (100%)
Sex, no. (%)						
Male	1,134 (56.3%)	2,135 (56.0%)	494 (56.0%)	985 (56.0%)	937 (57.6%)	1,874 (57.3%)
Female	880 (43.7%)	1,675 (44.0%)	388 (44.0%)	773 (44.0%)	689 (42.4%)	1,395 (42.7%)
Age, y, no. (%)						
<45	698 (34.7%)	1,321 (34.7%)	232 (26.3%)	465 (26.5%)	394 (24.2%)	793 (24.3%)
45–60	572 (28.3%)	1,091 (28.6%)	309 (35.1%)	616 (35.0%)	507 (31.2%)	1,028 (31.4%)
60–75	390 (19.4%)	737 (19.3%)	212 (24.0%)	421 (23.9%)	452 (27.8%)	902 (27.6%)
≥75	354 (17.6%)	661 (17.4%)	129 (14.6%)	256 (14.6%)	273 (16.8%)	546 (16.7%)

Appendix Table 2. Full model variables with adjusted hazard ratios, by time interval

Time, d	Adjusted hazard ratios, p value (95%CI), by variable				
	Case status	Age 45–60 y*	Age 60–75 y*	Age ≥75 y*	Elixhauser score ≥2†
<30	3.75, <0.001 (3.29–4.28)	2.08, <0.001 (1.66–2.61)	2.93, <0.001 (2.34–3.67)	5.39, <0.001 (4.33–6.71)	1.76, <0.001 (1.44–2.16)
30–90	1.56, <0.001 (1.27–1.93)	2.39, <0.001 (1.60–3.57)	3.89, <0.001 (2.62–5.75)	7.92, <0.001 (5.41–11.61)	2.27, <0.001 (1.57–3.29)
>90	1.43, <0.001 (1.33–1.54)	2.58, <0.001 (2.28–2.91)	5.15, <0.001 (4.57–5.82)	13.35, <0.001 (11.84–15.06)	1.59, <0.001 (1.45–1.75)
Overall	1.77, <0.001 (1.67–1.88)	2.49, <0.001 (2.25–2.77)	4.60, <0.001 (4.15–5.10)	10.71, <0.001 (9.67–11.86)	1.66, <0.001 (1.53–1.80)

*Compared with age category <45 y.

†Compared with Elixhauser score <2.

Appendix Table 3. Adjusted hazard ratios (aHRs) for death risk, with 95% CI upper and lower limits

Characteristic	aHR	Lower limit	Upper limit
Time from IPD diagnosis, d			
<30	3.75	3.29	4.28
30–90	1.56	1.27	1.93
>90	1.43	1.33	1.54
Overall	1.77	1.67	1.88
Time period, y			
<5	1.67	1.48	1.89
5–10	1.85	1.62	2.11
>10	1.80	1.66	1.94