Supplementary Table 20. Time persistence effect on cholelithiasis development following zoster vaccination

Time (yr)	Events, n (%)	aHR (95% CI)	
		Model 1[a]	Model 2[b]
< 1			
Unvaccinated	4,360 (0.60)	1.0 (reference)	1.0 (reference)
Vaccinated	3,808 (0.52)	0.87 (0.84 to 0.91)[c]	0.87 (0.83 to 0.90)[c]
1–2			
Unvaccinated	4,319 (0.59)	1.0 (reference)	1.0 (reference)
Vaccinated	3,480 (0.48)	0.80 (0.77 to 0.84)[c]	0.80 (0.76 to 0.84)[c]
2–4			
Unvaccinated	6,585 (0.90)	1.0 (reference)	1.0 (reference)
Vaccinated	5,066 (0.69)	0.80 (0.78 to 0.83)[c]	0.81 (0.78 to 0.84)[c]
4–6			
Unvaccinated	3,658 (0.50)	1.0 (reference)	1.0 (reference)
Vaccinated	2,556 (0.35)	0.81 (0.77 to 0.86)[c]	0.80 (0.76 to 0.84)[c]
6–8			
Unvaccinated	1,032 (0.14)	1.0 (reference)	1.0 (reference)
Vaccinated	713 (0.10)	0.88 (0.80 to 0.97)[c]	0.84 (0.77 to 0.93)[c]
≥ 8			
Unvaccinated	26 (0.004)	1.0 (reference)	1.0 (reference)
Vaccinated	20 (0.003)	1.06 (0.59 to 1.90)	1.10 (0.61 to 2.00)

aHR, adjusted hazard ratio; CI, confidence interval.

[a]Models 1: adjusted for age (50–54, 55–59, 60-64, and ≥ 65 years) and sex.

[b]Model 2: adjusted for age (50–54, 55–59, 60-64, and ≥ 65 years); sex; household income (low income, middle income, and high income); region of residence (urban and rural); Charlson comorbidity index (0, 1, and ≥ 2); obesity (underweight [< 18.5 kg/m^2], normal [18.5–22.9 kg/m^2], overweight [23.0–24.9 kg/m^2], and obese [≥ 25.0 kg/m^2]); blood pressure (systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg and systolic blood pressure ≥ 140 mmHg or diastolic blood pressure ≥ 90 mmHg); fasting blood glucose (< 100 and ≥ 100 mg/dL); glomerular filtration rate (< 60, 60–89, and ≥ 90 mL/min/1.73 m^2); smoking status (non-, ex-, and current smoker); alcohol consumption (drinks; < 1, 1–2, 3–4, and ≥ 5 days per week); aerobic physical activity (sufficient and insufficient); and history of medication use for coronary artery disease, diabetes mellitus, dyslipidemia, and hypertension.

[c]Significant differences ($p < 0.05$).

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