

Recurrent Gout After Vaccination

Yokose et al.

Supplemental Table 1: Vaccination in the Prior 48-Hour Period and Risk of Recurrent Gout Flares According to Sub-Groups

	Vaccination	Number of Hazard Periods	Number of Control Periods	Crude OR (95% CI)	Adjusted OR* (95% CI)
Male	No	737	1104	1.0 (reference)	1.0 (reference)
	Yes	24	18	2.40 (1.18 to 4.85)	2.35 (1.12 to 4.92)
Female	No	225	282	1.0 (reference)	1.0 (reference)
	Yes	4	3	1.24 (0.25 to 6.11)	–
≤60 years	No	599	778	1.0 (reference)	1.0 (reference)
	Yes	13	9	2.47 (0.90 to 6.80)	2.43 (0.82 to 7.15)
>60 years	No	363	608	1.0 (reference)	1.0 (reference)
	Yes	15	12	1.97 (0.85 to 4.56)	1.78 (0.74 to 4.18)
Allopurinol Use					
No	No	704	895	1.0	1.0

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				(reference)	(reference)
	Yes	17	14	1.71 (0.72 to 4.06)	1.35 (0.55 to 3.31)
Yes	No	258	491	1.0 (reference)	1.0 (reference)
	Yes	11	7	3.48 (1.04 to 11.65)	2.90 (0.83 to 10.16)
NSAID Use					
No	No	660	1023	1.0 (reference)	1.0 (reference)
	Yes	20	17	1.80 (0.85 to 3.78)	1.65 (0.74 to 3.65)
Yes	No	302	363	1.0 (reference)	1.0 (reference)
	Yes	8	4	2.83 (0.66 to 12.15)	2.40 (0.52 to 11.06)
Colchicine use					
No	No	821	1164	1.0 (reference)	1.0 (reference)
	Yes	23	17	1.71 (0.84 to 3.48)	1.58 (0.75 to 3.34)
Yes	No	141	222	1.0 (reference)	1.0 (reference)
	Yes	5	4	–	–
Diuretic Use					
No	No	721	1139	1.0	1.0

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				(reference)	(reference)
	Yes	14	12	1.62 (0.67 to 3.90)	1.67 (0.66 to 4.21)
Yes	No	241	247	1.0 (reference)	1.0 (reference)
	Yes	14	9	2.63 (0.94 to 7.37)	2.37 (0.83 to 6.81)
Alcohol Use					
	No	604	899	1.0 (reference)	1.0 (reference)
No	Yes	19	17	2.01 (0.90 to 4.47)	1.73 (0.75 to 3.96)
	No	358	487	1.0 (reference)	1.0 (reference)
Yes	Yes	9	4	2.42 (0.65 to 9.02)	2.31 (0.59 to 9.13)
Purine Intake**					
	No	395	785	1.0 (reference)	1.0 (reference)
Low	Yes	6	12	1.97 (0.41 to 9.47)	2.18 (0.46 to 10.34)
	No	567	601	1.0 (reference)	1.0 (reference)
High					

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			2.44	2.43
Yes	22	9	(0.96 to 6.23)	(0.95 to 6.20)

*Adjusted for alcohol consumption, diuretic use, and purine intake.

**Low and high purine intake relative to median purine intake.

– Small sample size did not allow for robust multivariable adjustment or model did not converge due to small sample size.