

Table 2. Crude and Adjusted Rate Ratios of Acute Myocardial Infarction for Use of Various Anti-Inflammatory Agents*

Variable	Case-Patients (n = 2844), n (%)	Controls (n = 56 880), n (%)	Crude Rate Ratio	Adjusted† Rate Ratio (95% CI)
Analysis of current use				
No use‡	793 (27.9)	16 680 (29.3)	1.00	1.00 (reference)
Current use				
NSAIDs	51 (1.8)	962 (1.7)	1.17	1.00 (0.73–1.37)
Naproxen	23 (0.8)	336 (0.6)	1.52	1.17 (0.75–1.84)
Celecoxib	287 (10.1)	5598 (9.9)	1.11	0.99 (0.85–1.16)
Rofecoxib	239 (8.4)	3708 (6.5)	1.41	1.24 (1.05–1.46)
Meloxicam	7 (0.2)	132 (0.2)	1.15	1.06 (0.49–2.30)
Past use§	1444 (50.8)	29 464 (51.8)	1.05	0.93 (0.84–1.04)
Analysis of any use				
No use‡	793 (27.9)	16 680 (29.3)	1.00	1.00 (reference)
Any use				
NSAIDs	271 (9.5)	5532 (9.7)	1.07	0.91 (0.77–1.09)
Naproxen	106 (3.7)	2017 (3.5)	1.15	0.98 (0.78–1.24)
Celecoxib	751 (26.4)	14 898 (26.2)	1.09	1.00 (0.88–1.13)
Rofecoxib	544 (19.1)	10 990 (19.3)	1.06	0.97 (0.85–1.10)
Meloxicam	13 (0.5)	312 (0.6)	0.89	0.76 (0.43–1.36)
Combined use¶	366 (12.9)	6451 (11.4)	1.23	0.99 (0.86–1.15)

* NSAIDs = nonsteroidal anti-inflammatory drugs.

† Adjusted for age at index (continuous variable); sex, hypertension, coronary artery disease, cerebrovascular disease, peripheral vascular disease, congestive heart failure, diabetes, respiratory illness, gastrointestinal ulcer disease, thyroid disorders, depression/psychiatric illness, and cancer in the year preceding cohort entry; use of concomitant therapy, including antilipemic agents, anticoagulants, and low-dose aspirin in the year preceding cohort entry; health care utilization, including hospitalizations, outpatient visits to any physician, and outpatient cardiologist visits, in the year preceding the index date; and number of different drugs taken, chronic disease score, and Charlson index score in the year preceding the index date.

‡ No use in the year preceding the index date.

§ Past users are those who were currently unexposed but had received at least 1 prescription for an NSAID in the year preceding the index date.

|| Any use is defined as the dispensing of at least 1 prescription in the year preceding the index date.

¶ Combined use represents the dispensing of 2 or more categories of NSAIDs in the year preceding the index date.