

Appendix A: Results from Sensitivity Analysis

Table. Adjusted Hazard Ratios of Hospitalized Myocardial Infarction and Stroke among Patients with Rheumatoid Arthritis not Exposed to Statins (restriction during baseline, censoring during follow up)

	MI	Stroke
CRP (mg/L)		
<1	Reference	Reference
1-3	0.59 (0.24, 1.48)	0.38 (0.09, 1.57)
3-10	1.19 (0.52, 2.72)	1.79 (0.62, 5.19)
>10	1.19 (0.55, 2.57)	1.39 (0.51, 3.77)
ESR (mm/hr)		
<14	Reference	Reference
14-28	1.15 (0.58, 2.27)	1.19 (0.50, 2.84)
28-42	1.32 (0.57, 3.07)	1.15 (0.37, 3.61)
>42	2.76 (1.45, 5.23)	3.08 (1.31, 7.26)
HDL-cholesterol (mg/dL/mmol/L)		
<40/1.0	Reference	Reference
40/1.0-49/1.3	0.99 (0.52, 1.90)	0.47 (0.19, 1.16)
50/1.3-59/1.5	0.51 (0.23, 1.11)	0.48 (0.19, 1.20)
≥60/1.6	0.38 (0.16, 0.92)	0.43 (0.16, 1.21)
LDL-cholesterol (mg/dL/mmol/L)		
<70/1.8	Reference	Reference
70/1.8-99/2.6	1.01 (0.55, 1.88)	1.00 (0.48, 2.10)
100/2.6-129/3.3	0.96 (0.45, 2.05)	0.97 (0.39, 2.44)
130/3.4-160/4.1	2.16 (0.90, 5.23)	**

*adjusting for age, gender, comorbidities, and use of RA medications

** could not be estimated reliably due to fewer than 5 outcome events in this category

Appendix B: Results from Sensitivity Analysis

Table. Adjusted Hazard Ratios of Hospitalized Myocardial Infarction and Stroke among Patients with Rheumatoid Arthritis (sensitivity analysis not adjusting for RA medications)

	MI	Stroke
CRP (mg/L)		
<1	Reference	Reference
1-3	1.21 (0.56, 2.58)	1.01 (0.42, 2.41)
3-10	2.18 (1.05, 4.52)	1.68 (0.73, 3.84)
>10	1.75 (0.86, 3.56)	1.33 (0.60, 2.95)
ESR (mm/hr)		
<14	Reference	Reference
14-28	1.49 (0.90, 2.46)	1.46 (0.81, 2.63)
28-42	1.21 (0.60, 2.44)	1.28 (0.58, 2.83)
>42	2.55 (1.49, 4.34)	2.44 (1.29, 4.62)
HDL-cholesterol (mg/dL/mmol/L)		
<40/1.0	Reference	Reference
40/1.0-49/1.3	1.10 (0.70, 1.74)	0.75 (0.39, 1.44)
50/1.3-59/1.5	0.60 (0.35, 1.05)	0.73 (0.38, 1.43)
≥60/1.6	0.45 (0.24, 0.83)	0.51 (0.24, 1.08)
LDL-cholesterol (mg/dL/mmol/L)		
<70/1.8	Reference	Reference
70/1.8-99/2.6	0.97 (0.62, 1.51)	1.04 (0.59, 1.81)
100/2.6-129/3.3	1.35 (0.81, 2.23)	1.11 (0.57, 2.17)
130/3.4-160/4.1	1.69 (0.88, 3.26)	1.68 (0.72, 3.90)

*adjusting for age, gender, comorbidities, and use of lipid-lowering medications