

Supplemental Material 2. Cox proportional hazard mode including age and sex

	Hazard Ratio	95% CI	P value
All insulin	1.33	1.00-1.77	0.047
benzodiazepine	0.91	0.79-1.04	0.174
Age 4 group			<0.001
Age (77-81)	Reference		
Age (82-86)	1.99	1.38-2.86	<0.001
Age (87-91)	2.92	1.98-4.31	<0.001
Age (≥ 92)	3.64	2.18-6.07	<0.001
Oral anti-hyperglycemic drugs	1.11	0.95-1.28	0.188
Antidepressant	1.78	1.46-2.17	<0.001
Antianginal	1.04	0.86-1.25	0.685
Anticoagulant	0.95	0.76-1.19	0.643
Antihypertension	0.80	0.73-0.88	<0.001
Antineoplastics	1.12	1.01-1.24	0.039
Post-stroke medication	1.45	1.16-1.82	0.001
NSAID (regular use)	0.87	0.74-1.02	0.088
Steroid (either oral or inhaled)	0.81	0.65-1.01	0.061
Non-steroidal bronchodilator	0.71	0.58-0.88	0.002
Antiplatelet	1.09	0.96-1.23	0.176
Statin	0.82	0.73-0.92	0.001
Sex	1.26	1.08-1.48	0.004
Age 4 group*Sex			0.736
Age (82-86)*Sex	0.97	0.78-1.21	0.785
Age (87-91)*Sex	1.06	0.84-1.33	0.626
Age (≥ 92)*Sex	0.90	0.68-1.21	0.491

NSAID: Non-steroidal anti-inflammatory drug