

**Table 1, Supplemental material. Hazard ratios with 95% confidence intervals, in different age groups, for all-cause mortality, heart failure, and myocardial infarction in relation presence or absence of treatment for erectile dysfunction.**

	All-cause mortality		Heart failure		Myocardial infarction	
<i>Age &lt; 60 years</i>						
Subjects in analysis <sup>a</sup>	<b>No ED treatment</b> (n=12 609)	<b>ED treatment</b> (n=1273)	<b>No ED treatment</b> (n=12 632)	<b>ED treatment</b> (n=1250)	<b>No ED treatment</b> (n=12 658)	<b>ED treatment</b> (n=1224)
Number of cases (%)	385 (3.1)	28 (2.2)	319 (2.5)	12 (1.0)	701 (5.5)	40 (3.3)
Incidence rate	0.86 (0.78-0.95)	0.87 (0.60-1.26)	0.72 (0.65-0.81)	0.38 (0.22-0.67)	1.63 (1.51-1.76)	1.32 (0.97-1.80)
Unadjusted, HR (95% CI)	Referent	1.08 (0.73-1.60)	Referent	0.90 (0.50-1.62)	Referent	1.10 (0.80-1.52)
Age-adjusted, HR (95% CI)	Referent	1.06 (0.72-1.56)	Referent	0.89 (0.50-1.60)	Referent	1.10 (0.80-1.52)
Multivariable adjusted <sup>b</sup> , HR (95% CI)	Referent	1.05 (0.71-1.56)	Referent	0.89 (0.49-1.60)	Referent	1.10 (0.79-1.52)
<i>Age 60-69 years</i>						
Subjects in analysis <sup>a</sup>	<b>No ED treatment</b> (n=13 733)	<b>ED treatment</b> (n=1296)	<b>No ED treatment</b> (n=13 764)	<b>ED treatment</b> (n=1265)	<b>No ED treatment</b> (n=13 787)	<b>ED treatment</b> (n=1242)
Number of cases (%)	1146 (8.3)	55 (4.2)	653 (4.7)	16 (1.3)	974 (7.1)	39 (3.1)

Incidence rate	2.44 (2.30-2.58)	1.65 (1.27-2.15)	1.43 (1.32-1.54)	0.49 (0.30-0.80)	2.18 (2.04-2.32)	1.25 (0.91-1.71)
Unadjusted, HR (95% CI)	Referent	0.72 (0.54-0.94)	Referent	0.58 (0.35-0.96)	Referent	0.88 (0.63-1.22)
Age-adjusted, HR (95% CI)	Referent	0.73 (0.56-0.96)	Referent	0.58 (0.35-0.97)	Referent	0.88 (0.64-1.22)
Multivariable adjusted <sup>b</sup> , HR (95% CI)	Referent	0.85 (0.65-1.12)	Referent	0.66 (0.40-1.09)	Referent	0.94 (0.68-1.30)

*Age 70-80 years*

Subjects in analysis <sup>a</sup>	No ED treatment (n=13 735)	ED treatment (n=499)	No ED treatment (n=13 748)	ED treatment (n=486)	No ED treatment (n=13 753)	ED treatment (n=481)
Number of cases (%)	3210 (23.3)	29 (5.8)	1431 (10.4)	13 (2.7)	1414 (10.3)	20 (4.2)
Incidence rate	7.63 (7.37-7.90)	2.25 (1.57-3.24)	3.60 (3.42-3.79)	1.04 (0.61-1.80)	3.60 (3.41-3.79)	1.64 (1.06-2.55)
Unadjusted, HR (95% CI)	Referent	0.31 (0.22-0.45)	Referent	0.41 (0.24-0.71)	Referent	0.72 (0.46-1.13)
Age-adjusted, HR (95% CI)	Referent	0.36 (0.25-0.52)	Referent	0.45 (0.26-0.77)	Referent	0.77 (0.49-1.20)
Multivariable adjusted <sup>b</sup> , HR (95% CI)	Referent	0.41 (0.28-0.59)	Referent	0.51 (0.30-0.89)	Referent	0.83 (0.53-1.29)

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Abbreviations: ED, erectile dysfunction; HR, hazard ratio; CI, confidence interval; MI, myocardial infarction; MACE, major adverse cardiac event (includes hospital stay for MI, heart failure or revascularisation) Incidence rate is given per 100 person-years. <sup>a</sup>Numbers do not sum up to group total since subjects can be included in the No ED category initially and later change to the ED category. <sup>b</sup>Adjusted for all variables in Table 1. Incidence rates are cases per 100 person-years.

