

**Supplementary Table S1.** Characteristics and association with reemployment.

Variables		Duration of absence		
		Mean ± SD	Median	p value*
<b>Sex</b>	Females	63.7 ± 52.8	60.0	0.681
	Males	58.5 ± 46.8	45.0	
<b>OHCA</b>	Yes	62.4 ± 57.5	60.0	0.979
	No	58.6 ± 46.3	45.0	
<b>Smoking</b>	Never-smokers	58.6 ± 48.6	45.0	0.822**
	Smokers	60.7 ± 43.1	60.0	
	Ex-smokers	57.4 ± 51.0	52.5	
<b>Diabetes</b>	Yes	58.3 ± 48.8	45.0	0.396
	No	62.7 ± 35.2	60.0	
<b>BMI</b>	Normal	64.4 ± 48.6	52.5	0.630
	Overweight	53.3 ± 43.6	40.0	
	Obese	62.0 ± 53.0	52.5	
<b>STEMI</b>	Yes	52.1 ± 41.7	37.5	0.087
	No	74.8 ± 55.3	60.0	
<b>NSTEMI</b>	Yes	58.3 ± 45.7	40.0	0.907
	No	59.1 ± 47.9	60.0	
<b>PCI</b>	Yes	49.6 ± 52.7	60.0	<b>0.021</b>
	No	76.2 ± 52.7	32.5	
<b>CABG</b>	Yes	73.2 ± 41.3	60.0	0.075
	No	55.9 ± 47.8	40.0	
<b>VHD</b>	VS	77.6 ± 48.1	75.0	<b>0.012</b>
	Aortic surgery	121.6 ± 59.1	98.0	
<b>Anemia</b>	Yes	70.0 ± 55.1	60.0	0.491
	No	56.1 ± 43.5	45.0	
<b>Heart failure</b>	Yes	69.6 ± 60.1	67.5	0.512
	No	57.0 ± 44.6	45.0	
<b>Previous CV events</b>	Yes	44 ± 36.1	30.0	0.102
	No	64.2 ± 49.5	60.0	
<b>Arrhythmia post-discharge</b>	Yes	70.1 ± 50.2	60.0	0.136
	No	53.5 ± 44.8	42.5	
<b>Cardiac rehabilitation</b>	Yes	64.3 ± 47.6	60.0	<b>0.005</b>
	No	28.6 ± 29.4	14.0	
<b>Occupational physical demand</b>	Light	42.0 ± 33.2	30.0	<b>0.004**</b>
	Moderate	76.4 ± 53.3	70.0	
	Vigorous	84.5 ± 54.6	90.0	
<b>Responsibility at work</b>	Yes	47.4 ± 42.0	32.5	<b>0.000</b>
	No	105 ± 37.1	95.0	
<b>Job contract</b>	Self-employee	34.8 ± 28.2	27.0	<b>0.000</b>
	Employee	80.7 ± 50.1	90.0	
<b>Working hours</b>	Full-time	58.9 ± 47.6	45.0	0.822
	Part-time	58.9 ± 45.0	60.0	
<b>Shift work</b>	Yes	91.1 ± 57.8	45.0	<b>0.019</b>
	No	52.1 ± 41.8	95.0	
<b>Work Ability Index (WAI)</b>	Poor	67.1 ± 73.7	30.0	0.088**
	Moderate	71.1 ± 47.9	65.0	
	Good	57.0 ± 42.7	52.5	
	Excellent	17.4 ± 10.4	15.0	

OHCA, out of hospital cardiac arrest; BMI, body mass index; STEMI, ST-segment elevation myocardial infarction; NSTEMI, non-ST-segment elevation myocardial infarction; PCI, percutaneous coronary intervention; CABG, coronary artery bypass graft; VHD, valvular heart disease; CV, cardiovascular. \*Mann-Whitney test; \*\* Kruskal–Wallis test

**Table S2.** Cox Proportional Hazards Model for Earlier RTW. Analyses were based on 6,833 person-days of observation and restricted to patients with Coronary Artery Disease (CAD) only (N = 87)

Variable	Univariate		Bivariate (adjusted for age)		Multivariate	
	HR (95% CI)	p value	HR (95% CI)	p value	HR (95% CI)	p value
<b>Age</b>	1.03 (0.99 - 1.07)	0.111	--	--	0.98 (0.94 - 1.03)	0.431
<b>Occupational physical demand</b>						
<b>Moderate</b>	0.53 (0.31 - 0.91)	0.022	0.54 (0.31 - 0.93)	0.027	0.43 (0.21 - 0.89)	0.023
<b>Vigorous</b>	0.39 (0.18 - 0.84)	0.016	0.41 (0.19 - 0.89)	0.024	0.48 (0.18 - 1.26)	0.138
<b>Responsibility at work</b>	3.52 (1.87 - 6.66)	0.000	3.56 (1.88 - 6.74)	0.000	2.67 (1.05 - 6.75)	0.038
<b>Self-Employed</b>	4.84 (2.81 - 8.33)	0.000	4.69 (2.72 - 8.11)	0.000	5.61 (2.59 - 12.15)	0.000
<b>Cardiac Rehabilitation</b>	0.42 (0.22 - 0.79)	0.007	0.42 (0.22 - 0.79)	0.007	0.51 (0.21 - 1.24)	0.137
<b>PCI</b>	1.37 (0.77 - 2.45)	0.286	1.48 (0.82 - 2.67)	0.190	2.61 (1.21 - 5.62)	0.014
<b>Arrhythmia post discharge</b>	0.67 (0.36 - 1.25)	0.208	0.61 (0.32 - 1.15)	0.127	0.44 (0.20 - 0.96)	0.040

PCI, percutaneous coronary intervention.