

Risk factors of hospitalization for carpal tunnel syndrome among the general working population ¹

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1. *Supplementary tables*

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Appendix table 1. Hazard ratios (HR) with 95% confidence intervals (CI) of hospitalization for carpal tunnel syndrome in multivariable analysis in the subsample (N=3824), stratified by gender.

Characteristic	Men (n=2039)				Women (n=1785)			
	N	Cases	HR ^a	95% CI	N	Cases	HR ^a	95% CI
Physically demanding work								
No	985	12	1		1087	40	1	
Yes	1054	39	1.32	0.32-5.50	698	52	1.57	0.86-2.86
Lifting ≤15 kg								
No	729	7	1		854	31	1	
Yes	1310	44	0.91	0.12-6.83	931	61	1.13	0.63-2.03
Lifting >15 kg								
No	1062	15	1		1312	60	1	
Yes	977	36	1.47	0.31-6.96	473	32	0.87	0.51-1.49
Work requiring arm elevation								
No	1367	27	1		1295	61	1	
Yes	672	24	1.70	0.61-4.74	490	31	0.91	0.56-1.46
Work demanding repetitive movements								
No	488	6	1		348	10	1	
Yes	1551	45	0.81	0.19-3.57	1437	82	1.41	0.71-2.81

^a Adjusted for body mass index, smoking and vibration to hands

Appendix table 2. Hazard ratios (HR) with 95% confidence intervals (CI) of hospitalization for carpal tunnel syndrome in multivariable analysis in overweight/obese women of the subsample (N=1785), stratified by gender.

Characteristic	Normal weight women (N=1221)				Overweight or obese women (N=564)			
	N	Cases	HR ^a	95% CI	N	Cases	HR _a	95% CI
Physically demanding work								
No	768	24	1		319	16	1	
Yes	453	25	1.43	0.65-3.15	245	27	2.26	0.97-5.29
Lifting ≤15 kg								
No	614	18	1		240	13	1	
Yes	607	31	1.43	0.66-3.11	324	30	1.04	0.44-3.07
Lifting >15 kg								
No	919	33	1		393	27	1	
Yes	302	16	0.97	0.46-2.06	171	16	0.70	0.33-1.47
Work requiring arm elevation								
No	917	38	1		378	23	1	
Yes	304	11	0.63	0.31-1.27	186	20	1.52	0.79-2.93
Work demanding repetitive movements								
No	248	5	1		100	5	1	
Yes	973	44	2.04	0.80-5.23	464	38	1.17	0.44-2.45

^a Adjusted for smoking and vibration to hands