

Since this is a very extensive table, the format and content has not been edited by JRM.

Table SI. Prevalence (>25%) of specific comorbidities and their associations with patient characteristics

	Peripheral vascular disease						Diabetes					
	Univariate	Multivariate logistic regression				Univariate	Multivariate logistic regression					
	n (%)	p-value	β	S.E.	OR (95% CI)	p-value	n (%)	p-value	β	S.E.	OR (95% CI)	p-value
All participants	144 (83)						71 (41)					
Age, years		<0.001*						0.913*				
< 50 years	12 (50)						9 (38)					
50 - 59 years	33 (83)		1.86	0.64	6.45 (1.84 to 22.67)	0.004	15 (38)					
60- 69 years	45 (88)		2.45	0.65	11.57 (3.21 to 41.68)	<0.001	22 (43)					
> 70 years	54 (93)		2.95	0.71	19.06 (4.71 to 77.14)	<0.001	25 (43)					
Ugz		0.317**						0.321**				
Women	43 (88)						23 (47)					
Men	101 (81)						48 (39)					
Amputation etiology		<0.001**						<0.001**				
Vascular	140 (99)						68 (48)	2.02	0.63	7.52 (2.18 to 25.98)	0.001	
Non-vascular	4 (13)						3 (10)					
Amputation level		0.011**						0.047**				
Unilateral amputation												
Higher (HD, TF or KD)	48 (73)						19 (29)					
Lower (TT or Syme)	84 (88)		-1.25	0.48	0.29 (0.11 to 0.73)	0.009	42 (44)					
Bilateral amputation***								1.83	0.79	6.21 (1.31 to 29.45)	0.022	
Setting		0.044**						0.186**				
Rehabilitation centre	126 (81)						61 (39)					
Nursing home	18 (100)						10 (56)					
<i>constant</i>			0.21	0.49	1.24	0.66		-2.23	0.61	0.11	<0.001	

Significance (2-tailed p) of Pearson chi-square test unless noted otherwise

* Significance (2-tailed p) of Kruskal-Wallis test

** Significance (2-tailed p) of Mann-Whitney U test

*** Not univariately analysed because of the small number of patients

FCI: Functional Comorbidity Index; IQR: Inter-Quartile Range; OR: odds ratio; CI: confidence interval

HD: hip disarticulation; TF transfemoral amputation; KD: knee disarticulation; TT: transtibial amputation

Table SI. Prevalence (20-25%) of specific comorbidities and their associations with patient characteristics

	Lumbago / degenerative disc disease						Arthritis (rheumatoid or osteoarthritis)					
	Univariate	Multivariate logistic regression				Univariate	Multivariate logistic regression					
	n (%)	p-value	β	S.E.	OR (95% CI)	p-value	n (%)	p-value	β	S.E.	OR (95% CI)	p-value
All participants	39 (23)						38 (22)					
Age, years		0.252*						0.057*				
< 50 years	3 (13)						1 (4)					
50 - 59 years	9 (23)						11 (28)	3.20	1.17	24.43 (2.45 to 244.13)	0.007	
60- 69 years	16 (31)						9 (18)	2.78	1.19	16.15 (1.57 to 165.76)	0.019	
> 70 years	11 (19)						17 (30)	3.43	1.17	30.84 (3.13 to 303.76)	0.003	
Ugz		0.016**						0.011**				
Women	17 (35)						17 (35)					
Men	22 (18)		-0.90	0.38	0.41 (0.19 to 0.86)	0.018	21 (17)	-1.32	0.43	0.26 (0.11 to 0.62)	0.002	
Amputation etiology		0.153**						0.045**				
Vascular	29 (20)						27 (19)	-1.86	0.54	0.16 (0.05 to 0.45)	<0.001	
Non-vascular	10 (32)						11 (36)					
Amputation level		0.591**						0.281**				
Unilateral amputation												
Higher (HD, TF or KD)	17 (26)						18 (27)					
Lower (TT or Syme)	21 (22)						19 (20)					
Bilateral amputation***												
Setting		0.528**						0.978**				
Rehabilitation centre	36 (23)						34 (22)					
Nursing home	3 (17)						4 (22)					
<i>constant</i>			-0.63	0.30	0.53	0.035		-1.84	1.07	0.16	0.084	

Significance (2-tailed p) of Pearson chi-square test unless noted otherwise

* Significance (2-tailed p) of Kruskal-Wallis

test

** Significance (2-tailed p) of Mann-Whitney U test

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Table SI. Prevalence (15-20%) of specific comorbidities and their associations with patient characteristics

	Myocardial infarct					Congestive heart failure				Angina pectoris				
	Univariate	Multivariate logistic regression				Univariate	Univariate			Multivariate logistic regression				
	n (%)	p-value	β	S.E.	OR (95% CI)	p-value	n (%)	p-value	n (%)	p-value	β	S.E.	OR (95% CI)	p-value
All participants	32 (18)						27 (16)		26 (15)					
Age, years		0.150*						0.194*						0.624*
< 50 years	2 (8)						1 (4)		3 (13)					
50 - 59 years	5 (13)						5 (13)		4 (10)					
60- 69 years	14 (27)						8 (16)		10 (20)					
> 70 years	11 (19)						13 (22)		9 (16)					
Ugz		0.370**						0.444**						0.029**
Women	7 (14)						6 (12)		12 (24)					
Men	25 (20)						21 (17)		14 (11)		-0.94	0.44	0.39 (0.17 to 0.92)	0.032
Amputation etiology		0.016**						0.647**						0.042**
Vascular	31 (22)		2.13	1.04	8.38 (1.10 to 63.91)	0.040	23 (16)		25 (18)					
Non-vascular	1 (3)						4 (13)		1 (3)					
Amputation level		0.840**						0.794**						0.601**
Unilateral amputation														
Higher (HD, TF or KD)	11 (17)						10 (15)		11 (17)					
Lower (TT or Syme)	17 (18)						13 (14)		13 (14)					
Bilateral amputation***														
Setting		0.833**						0.133**						0.367**
Rehabilitation centre	29 (19)						22 (14)		22 (14)					
Nursing home	3 (17)						5 (28)		4 (22)					
<i>constant</i>			-3.40	1.02	0.03	<0.001					-1.13	0.33	0.32	<0.001

Significance (2-tailed p) of Pearson chi-square test unless noted otherwise

* Significance (2-tailed p) of Kruskal-Wallis test

** Significance (2-tailed p) of Mann-Whitney U test

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Table SI. Prevalence (10-15%) of specific comorbidities and their associations with patient characteristics

	Gastrointestinal ulcer		COPD / emphysema		Stroke		Obesity, Body Mass Index > 30					
	Univariate		Univariate		Univariate		Univariate		Multivariate logistic regression			
	n (%)	p-value	n (%)	p-value	n (%)	p-value	n (%)	p-value	β	S.E.	OR (95% CI)	p-value
All participants	26 (15)		23 (13)		23 (13)		21 (12)					
Age, years		0.247*		0.060*		0.539*		0.260*				
< 50 years	1 (4)		0		4 (17)		4 (17)					
50 - 59 years	5 (13)		3 (8)		6 (15)		6 (15)					
60- 69 years	11 (22)		10 (20)		4 (8)		8 (16)					
> 70 years	9 (16)		10 (17)		9 (16)		3 (5)					
Ugz		0.764**		0.081**		0.217**		0.036**				
Women	8 (16)		3 (6)		9 (18)		10 (20)					
Men	18 (15)		20 (16)		14 (11)		11 (9)		-1.22	0.51	0.30 (0.11 to 0.80)	0.017
Amputation etiology		0.042**		0.943**		0.513**		0.886**				
Vascular	25 (18)		19 (13)		20 (14)		17 (12)					
Non-vascular	1 (3)		4 (13)		3 (10)		4 (13)					
Amputation level		0.794**		0.508**		0.772**		0.289**				
Unilateral amputation												
Higher (HD, TF or KD)	10 (15)		10 (15)		8 (12)		9 (14)					
Lower (TT or Syme)	13 (14)		11 (11)		13 (14)		8 (8)					
Bilateral amputation***									1.82	0.71	6.20 (1.55 to 24.82)	0.010
Setting		0.837**		0.079**		0.239**		0.366**				
Rehabilitation centre	23 (15)		23 (15)		19 (12)		20 (13)					
Nursing home	3 (17)		0		4 (22)		1 (6)					
<i>constant</i>									-1.41	0.36	0.24	<0.001

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Wallis test

** Significance (2-tailed p) of Mann-Whitney U test

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Table SI. Prevalence (<10%) of specific comorbidities and their associations with patient characteristics

	Visual impairment		Anxiety or panic disorders				Depression		Osteoporosis		Neurological disease		Hearing imp.		Asthma	
	Univariate		Univariate		Multivariate logistic regression				Univariate		Univariate		Univariate		Univariate	
	n (%)	p-value	n (%)	p-value	β	S.E.	OR (95% CI)	p-value	n (%)	p-value	n (%)	p-value	n (%)	p-value	n (%)	p-value
All participants	16 (9)		12 (7)					12 (7)		11 (6)		10 (6)		8 (5)		4 (2)
Age, years		0.578*		0.946*					0.339*		0.241*		0.897*		0.072*	0.742*
< 50 years	3 (13)		1 (4)					1 (4)		1 (4)		1 (4)		1 (4)		0
50 - 59 years	5 (13)		3 (8)					5 (13)		4 (10)		2 (5)		0		1 (3)
60- 69 years	5 (10)		4 (8)					4 (8)		5 (10)		4 (8)		1 (2)		2 (4)
> 70 years			4 (7)					2 (3)		1 (2)		3 (5)		6 (10)		1 (2)
Ugz		0.392**		0.002**					0.791**		0.046**		0.904**		0.167**	0.881**
Women	6 (12)		8 (16)					3 (6)		6 (12)		3 (6)		4 (8)		1 (2)
Men	10 (8)		4 (3)		-1.77	0.64	0.17 (0.05 to 0.60)	0.006	9 (7)		5 (4)		7 (6)		4 (3)	3 (2)
Amputation etiology		0.050**		0.369**					0.149**		0.403**		0.860**		0.677**	0.344**
Vascular	16 (11)		11 (8)					8 (6)		8 (6)		8 (6)		7 (5)		4 (3)
Non-vascular	0		1 (3)					4 (13)		3 (10)		2 (6)		1 (3)		0
Amputation level		0.083**		0.510**					0.550**		0.550**		0.465**		0.606**	0.711**
Unilateral amputation																
Higher (HD, TF or KD)	3 (5)		6 (9)					5 (8)		5 (8)		3 (5)		4 (6)		2 (3)
Lower (TT or Syme)	12 (12)		6 (6)					5 (5)		5 (5)		7 (7)		4 (4)		2 (2)
Bilateral amputation***																
Setting		0.773**		0.221**					0.808**		0.243**		0.037**		0.322**	0.490**
Rehabilitation centre	14 (9)		12 (8)					11 (7)		11 (7)		7 (5)		8(5)		4 (3)
Nursing home	2 (11)		0					1 (6)		0		3 (17)		0		0
<i>constant</i>					-1.63	0.39	0.20	<0.001								

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