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Appendix 1. Bivariate analyses of factors associated with onset in months.

Variables	Onset in months	P value
Age in years (r)	0.06	0.48
Sex		
Women	12 (3-36)	0.99
Men	12 (3-36)	
Ethnicity		
White	8.5 (3-36)	0.56
Hispanic	21 (3-30)	
Black/African American/Asian/Other	12 (6-36)	
Marital status		
Married/Unmarried couple	12 (3-36)	0.71
Single	12 (4-36)	
Divorced/Separated/Widowed	6 (3-36)	
Level of education		
High school or less	21 (4-36)	0.50
2-year college	12 (3-36)	
4-year college	11 (3-36)	
Post-college degree	6 (3-12)	
Work status		
Employed	8 (3-24)	0.06
Unemployed/Retired/Disabled	12 (3-36)	
Income		
Less than \$30,000	24 (4-39)	0.16
From \$30,000-\$49,999	6 (2-24)	
From \$50,000-\$100,000.	12 (6-36)	
More than \$100,000	9 (3-27)	
Insurance		
Private insurance/Military	6 (3-18)	<0.01
Medicare	12 (3-39)	
Other	33 (16-68)	
Patient		
Return	12 (4-36)	0.02
New	6 (3-18)	
Post-op		

No	12 (3-36)	0.66
Yes	6 (3-36)	
Method of referral		
General practitioner	9 (3-36)	
Own initiative	11 (3-36)	0.94
Other specialist	12 (3-36)	
PHQ-2 (<i>r</i>)	-0.10	0.27
GAD-2 (<i>r</i>)	-0.03	0.74
PCS-4 (<i>r</i>)	0.08	0.40
PSEQ-2 (<i>r</i>)	0.25	<0.01

Bold indicates statistically significant difference; Spearman correlation indicated by *r*; Continuous variables as median (interquartile range); PHQ = Patient Health Questionnaire; GAD = Generalized Anxiety Disorder; PCS = Pain Catastrophizing Scale; PSEQ; Pain Self-Efficacy Questionnaire.

Appendix 2. Bivariate analyses of factors associated with perceived onset and cause.

Variables	Onset		P value	Cause		P value
	Gradual	Sudden		Age-related	Injury/Event	
Age in years	62 ± 12	58 ± 14	0.22	61 ± 13	62 ± 9	0.78
Sex						
Women	56 (57)	14 (64)	0.64	55 (60)	15 (58)	0.52
Men	43 (43)	8 (36)		37 (40)	14 (42)	
Ethnicity						
White	69 (70)	17 (77)	0.21	71 (77)	15 (52)	0.03
Hispanic	17 (17)	5 (23)		13 (14)	9 (31)	
Black/African American/Asian/Other	13 (13)	0 (0)		8 (9)	5 (17)	
Marital status						
Married/Unmarried couple	75 (76)	18 (82)	0.92	72 (78)	21 (72)	0.71
Single	13 (13)	2 (9)		11 (12)	4 (14)	
Divorced/Separated/Widowed	11 (11)	2 (9)		9 (10)	4 (14)	
Level of education						
High school or less	25 (25)	5 (23)	0.42	21 (23)	9 (31)	0.84
2-year college	22 (23)	5 (23)		21 (23)	6 (21)	
4-year college	27 (27)	3 (13)		23 (25)	7 (14)	
Post-college degree	25 (25)	9 (41)		27 (29)	7 (24)	
Work status						
Employed	53 (54)	9 (41)	0.35	50 (54)	12 (41)	0.29
Unemployed/Retired/Disabled	46 (46)	13 (59)		42 (46)	17 (59)	
Income						
Less than \$30,000	17 (17)	3 (14)	0.08	13 (14)	7 (24)	0.26
From \$30,000-\$49,999	20 (20)	6 (27)		18 (20)	8 (28)	
From \$50,000-\$100,000.	32 (33)	2 (9)		26 (29)	8 (28)	
More than \$100,000	29 (30)	11 (50)		34 (37)	6 (21)	
Insurance						
Private insurance/Military	49 (50)	12 (55)	0.23	51 (55)	10 (34)	0.04
Medicare	42 (42)	6 (27)		35 (38)	13 (45)	
Other	8 (8)	4 (18)		6 (7)	6 (21)	
Patient						
Return	46 (56)	7 (37)	0.20	38 (49)	15 (63)	0.35
New	36 (44)	12 (63)		39 (51)	9 (37)	
Post-op						
No	79 (80)	17 (77)	0.78	75 (82)	21 (72)	0.30

Yes	20 (20)	5 (23)		17 (18)	8 (28)	
Method of referral						
General practitioner	48 (49)	13 (59)		48 (52)	13 (45)	
Own initiative	24 (24)	6 (27)	0.48	23 (25)	7 (24)	0.72
Other specialist	27 (27)	3 (14)		21 (23)	9 (31)	
PHQ-2	0 (0-1)	0 (0-1)	0.80	0 (0-1)	0 (0-2)	0.52
GAD-2	0 (0-2)	0 (0-2)	0.87	0 (0-2)	1 (0-2)	0.04
PCS-4	5 (2-7)	3 (1-7)	0.39	5 (2-7)	4 (3-7)	0.42
PSEQ-2	10 (8-12)	10 (8-12)	0.34	10 (8-12)	8 (6-12)	0.17

Bold indicates statistically significant difference; Continuous variables as mean \pm standard deviation or as median (interquartile range); Discrete variables as number (percentage); PHQ = Patient Health Questionnaire; GAD = Generalized Anxiety Disorder; PCS = Pain Catastrophizing Scale; PSEQ; Pain Self-Efficacy Questionnaire.

Appendix 3. Bivariate analyses of factors associated with PROMIS PF UE.

Variables	PROMIS PF UE	P value
Age in years (r)	0.26	<0.01
Sex		
Women	37 ± 8.6	0.01
Men	41 ± 9.5	
Ethnicity		
White	40 ± 9.3	0.01
Hispanic	34 ± 6.6	
Black/African American/Asian/Other	37 ± 9.8	
Marital status		
Married/Unmarried couple	40 ± 9.0	0.15
Single	35 ± 11	
Divorced/Separated/Widowed	36 ± 7.6	
Level of education		
High school or less	34 ± 7.4	<0.01
2-year college	38 ± 9.2	
4-year college	42 ± 10	
Post-college degree	41 ± 7.8	
Work status		
Employed	38 ± 9.3	0.49
Unemployed/Retired/Disabled	39 ± 9.1	
Income		
Less than \$30,000	35 ± 10	0.06
From \$30,000-\$49,999	37 ± 9.5	
From \$50,000-\$100,000.	41 ± 9.2	
More than \$100,000	41 ± 8.2	
Insurance		
Private insurance/Military	38 ± 7.7	0.02
Medicare	41 ± 11	
Medicaid/county insurance/self-pay	34 ± 7.9	
Patient		
Return	39 ± 11	0.66
New	40 ± 7.8	
Post-op		
No	39 ± 8.9	0.83
Yes	38 ± 11	
Method of referral		

General practitioner	38 ± 9.7	
Own initiative	40 ± 9.1	0.62
Other specialist	38 ± 8.4	
PHQ-2 (<i>r</i>)	-0.25	<0.01
GAD-2 (<i>r</i>)	-0.39	<0.01
PCS-4 (<i>r</i>)	-0.38	<0.01
PSEQ-2 (<i>r</i>)	0.43	<0.01
Months	-0.18	0.05
<i>Onset</i>		
Gradual	39 ± 8.9	0.85
Sudden	39 ± 11	
<i>Cause</i>		
Injury/Event-related	37 ± 8.4	0.13
Age-related	40 ± 9.4	

Bold indicates statistically significant difference; Spearman correlation indicated by *r*; Continuous variables as mean ± standard deviation, unless otherwise indicated; PHQ = Patient Health Questionnaire; GAD = Generalized Anxiety Disorder; PCS = Pain Catastrophizing Scale; PSEQ; Pain Self-Efficacy Questionnaire; PROMIS PF UE Patient-Reported Outcomes Measurement Information System Physical Function Upper Extremity.