Appendix 1

Global Health-
PROMIS Global Health (10) SF

	Please respond to each item by marking one box per row	Excellent	Very good	Good	Fair	Poor
Global 01	In general, would you say your health is:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 02	In general, would you say your quality of life is:	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 03	In general, how would you rate your physical health?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 04	In general, how would you rate your mental health, including your mood and your ability to think?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 05	In general, how would you rate your satisfaction with your social activities and relationships?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 09	In general, please rate how well you carry out your usual social activities and roles. (This includes activities at home, at work and in your community, and responsibilities as a parent, child, spouse, employee, friend, etc.)	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1

		Completely	Mostly	Moderately	A Little	Not At All
Global 06	To what extent are you able to carry out your everyday physical activities such as walking, climbing stairs, carrying groceries, or moving a chair?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1

	In the past 7 days	Never	Rarely	Sometimes	Often	Always
Global 10	How often have you been bothered by emotional problems such as feeling anxious, depressed or irritable?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1

		None	Mild	Moderate	Severe	Very Severe
Global 08	How would you rate your fatigue on average?	☐ 5	☐ 4	☐ 3	☐ 2	☐ 1
Global 07	How would you rate your pain on average?	☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 No Pain — Worst Imaginable Pain				

Scoring:
Re-code Global07. The recoded score ranges from 1 to 5.
(0 No pain **=5**; 1, 2, or 3 **=4**; 4, 5, or 6 **=3**; 7, 8, or 9 **=2**; 10 worst pain imaginable **=1**)

After recoding, the
Global Physical Health score = SUM responses to G03 + G06 + G07 + G08.
Global Mental Health score = SUM G02 + G04 + G05 + Global10.

TOTALS	Raw Score	T-Score
Global Physical Health		
Global Mental Health		

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Appendix 2 Age Subgroup Analysis of Correlation Coefficients Between the PROMIS Global-10 and Legacy Instruments

Instrument	R-Value	P-Value	Correlation Strength
<u>Under 40 Subgroup (n=34)</u>			
EQ-5D	0.80	<0.0001	Excellent
Global 10 Physical Health			
ASES	0.58	<0.0001	Good
WORC	0.31	=0.552	Poor
SANE	0.35	=0.041	Poor
Global 10 Mental Health			
ASES	0.34	=0.049	Poor
WORC	-0.12	=0.822	Poor
SANE	0.40	=0.019	Good
<u>Over 40 Subgroup (n=289)</u>			
EQ-5D	0.69	<0.0001	Excellent-Good
Global 10 Physical Health			
ASES	0.61	<0.0001	Excellent-Good
WORC	0.48	<0.0001	Good
SANE	0.40	<0.0001	Good
Global 10 Mental Health			
ASES	0.32	<0.0001	Poor
WORC	0.33	=0.002	Poor
SANE	0.22	<0.0001	Poor

ASES: American Shoulder and Elbow Surgeons
WORC: Western Ontario Rotator Cuff Index
SANE: Subjective Assessment Numerical Evaluation