

Instruments Available for Use in Assessment Center

The Assessment Center Instrument Library includes instruments from PROMIS, Neuro-QoL, NIH Toolbox and Health LiTT. All instruments are available for use in data collection through Assessment Center. Most instruments are also available as PDFs that can be used for paper/pencil data collection or to facilitate data collection in other applications. **To access PDFs:**

1. Navigate to the Assessment Center homepage (www.assessmentcenter.net)
2. Click on the Request PDF button for PROMIS or NeuroQOL on the right hand side of the page
3. Complete brief registration to obtain an email with information on how to access PDFs
4. Check box to agree to Terms and Conditions
5. Click on link in email sent from help@assessmentcenter.net



PROMIS

PROMIS has many assessment options available to measure self-reported health for clinical research and practice. PROMIS assessment instruments are drawn primarily from calibrated item banks (sets of well-defined and validated items) measuring concepts such as pain, fatigue, physical function, depression, and social function. These calibrated item banks can be used to derive short forms (typically requiring 4-10 items per concept), or computerized adaptive tests (CAT; typically requiring 4-7 items per concept for more precise measurement). Instruments are available for adult self-report, child self-report, and parent proxy report for his/her child.

Tables 1 through 4 list the calibrated PROMIS item banks or scales, item pools, short forms, and profiles. **Item banks** are calibrated items from which a summary score can be obtained from a subset of items (i.e. via CAT or short form) whereas **scales** are calibrated items from which a summary score should be obtained only from the complete set of items. **Item pools** are collections of related items that are not intended to produce a summary score but instead are to be used as single items. **Short forms** are static subsets of item banks, and **profiles** are fixed collections of short forms measuring multiple concepts. Table 5 lists PROMIS instruments currently under development.

Table 1: PROMIS Instruments Available in Assessment Center (www.assessmentcenter.net)

Domain	Adult # items		Pediatric # items		Parent Proxy Report for Pediatric Patients # items	
	Bank/ Scale/ Pool	Short Forms	Bank/ Scale	Short Form	Bank/ Scale	Short Form
Global Health*	10		7, 9		7, 9	
Global Health Mental	2					
Global Health Physical	2					
<i>Mental Health</i>						
Alcohol – Alcohol Use	37	7				
Alcohol – Negative Consequences	31	7				
Alcohol – Negative Expectancies	11	7				
Alcohol – Positive Consequences	20	7				
Alcohol – Positive Expectancies	9	7				
Cognitive Function	32	4, 6, 8	43	7	43	7
Cognitive Function - Abilities	31	4, 6, 8				
Emotional Distress – Anger	22	5	9	5	5	

Domain	Adult # items		Pediatric # items		Parent Proxy Report for Pediatric Patients # items	
	Bank/ Scale/ Pool	Short Forms	Bank/ Scale	Short Form	Bank/ Scale	Short Form
<i>Mental Health continued</i>						
Emotional Distress – Anxiety PROMIS-Cancer – Anxiety	29 22	4, 6, 7, 8	15	8	13	8
Emotional Distress – Depression PROMIS-Cancer – Depression	28 30	4, 6, 8a, 8b	14	8	13	6
Life Satisfaction			42	4, 8	42	4, 8
Meaning and Purpose			44	4, 8	44	4, 8
Positive Affect			39	4, 8	39	4, 8
Psychological Stress Experiences			19	4, 8	12	4, 8
Psychosocial Illness Impact – Negative	32	4, 8				
Psychosocial Illness Impact – Positive	39	4, 8				
Self-Efficacy – Manage Daily Activities	35	4, 8				
Self-Efficacy – Manage Emotions	25	4, 8				
Self-Efficacy – Manage Meds/Treatment	26	4, 8				
Self-Efficacy – Manage Social Interactions	23	4, 8				
Self-Efficacy – Manage Symptoms	28	4, 8				
Smoking – Coping Expectancies All Smokers; Daily Smokers; Nondaily Smokers	11; 15; 18	4; 4; 4				
Smoking – Emotional/Sensory Expectancies All Smokers; Daily Smokers; Nondaily Smokers	15; 16; 17	6; 6; 6				
Smoking – Negative Health Expectancies All Smokers; Daily Smokers; Nondaily Smokers	12; 19; 18	6; 6; 6				
Smoking – Negative Psychosocial Expectancies All Smokers; Daily Smokers; Nondaily Smokers	14; 20; 15	6; 6; 6				
Smoking – Nicotine Dependence All Smokers; Daily Smokers; Nondaily Smokers	20; 27; 27	4,8; 4,8; 4,8				
Smoking – Social Motivations All Smokers; Daily Smokers; Nondaily Smokers	7; 12; 12	4; 4; 4				
<i>Physical Health</i>						
Asthma Impact			17	8	17	8
Dyspnea – Activity Motivation	8					
Dyspnea – Activity Requirements	4					
Dyspnea – Airborne Exposure	6					
Dyspnea – Assistive Devices	7					
Dyspnea – Characteristics	5					
Dyspnea – Emotional Response	8					
Dyspnea – Functional Limitations	33	10				
Dyspnea – Task Avoidance	4					
Dyspnea – Time Extension	8					
Dyspnea – Severity	33	10				
Gastrointestinal Belly Pain	5					
Gastrointestinal Bowel Incontinence	4					

Domain	Adult # items		Pediatric # items		Parent Proxy Report for Pediatric Patients # items	
	Bank/ Scale/ Pool	Short Forms	Bank/ Scale	Short Form	Bank/ Scale	Short Form
<i>Physical Health continued</i>						
Gastrointestinal Constipation	9					
Gastrointestinal Diarrhea	6					
Gastrointestinal Disrupted Swallowing	7					
Gastrointestinal Gas and Bloating	13					
Gastrointestinal Gastroesophageal Reflux	13					
Gastrointestinal Nausea and Vomiting	4					
Fatigue	95	4, 6, 7, 8	25	10	23	10
PROMIS-Cancer – Fatigue	54					
Pain – Behavior	39	7	47	8	51	8
Pain – Interference	40	4, 6a, 6b, 8	20	8	13	8
PROMIS-Cancer – Pain Interference	35					
Pain Intensity	3					
Pain Quality – Neuropathic Pain	5					
Pain Quality – Nociceptive Pain	5					
Physical Activity			10	4, 8	10	4, 8
Physical Function	165	4, 6, 8, 10a, 20				
PROMIS-Cancer – Physical Function	45	10b				
– Mobility	15		24	8	23	8
– Upper Extremity	146	7	34	8	29	8
Physical Function for Samples with Mobility Aid Users	114	11				
Physical Stress Experience			26	4, 8	26	4, 8
Sexual Function and Satisfaction: Erectile Function	8					
Sexual Function and Satisfaction: Global Satisfaction with Sex Life	7					
Sexual Function and Satisfaction: Interest in Sexual Activity	4					
Sexual Function and Satisfaction: Lubrication	8					
Sexual Function and Satisfaction: Vaginal Discomfort	10					
Sexual Function and Satisfaction: Anal Discomfort (uncalibrated item pool)	5					
Sexual Function and Satisfaction: Interfering Factors (uncalibrated item pool)	10					
Sexual Function and Satisfaction: Orgasm (uncalibrated item pool)	3					
Sexual Function and Satisfaction: Therapeutic Aids (uncalibrated item pool)	9					
Sexual Function and Satisfaction: Sexual Activities (uncalibrated item pool)	12					

Domain	Adult # items		Pediatric # items		Parent Proxy Report for Pediatric Patients # items	
	Bank/ Scale/ Pool	Short Forms	Bank/ Scale	Short Form	Bank/ Scale	Short Form
<i>Physical Health continued</i>						
Sexual Function and Satisfaction Screener Questions (uncalibrated item pool)	3					
Sleep Disturbance	27	4, 6, 8a, 8b				
Sleep-Related Impairment	16	8				
Strength Impact			12	4, 8	12	4, 8
<i>Social Health</i>						
Ability to Participate in Social Roles and Activities	35	4, 6, 8				
Companionship	6	4				
Emotional Support	16	4, 6, 8				
Informational Support	10	4, 6, 8				
Instrumental Support	11	4, 6, 8				
Satisfaction with Participation in Discretionary Social Activities (v1.0)	12	7				
Satisfaction with Participation in Social Roles (v1.0)	14	4, 6, 7, 8				
Satisfaction with Social Roles and Activities (v2.0)	44	4, 6, 8				
Peer Relationships			15	8	15	7
Social Isolation	14	4, 6, 8				

*The Global Health instrument is scored into physical and mental health summary scores.

Instruments in black are only available in English. Instruments in blue are available in English and Spanish within Assessment Center. Other languages are available upon request (healthmeasures@northwestern.edu)

Table 2: PROMIS Adult Profile Instruments Available on Assessment Center (www.assessmentcenter.net)

Domain	PROMIS-29 v2.0	PROMIS-43 v2.0	PROMIS-57 v2.0
	# Items		
Emotional Distress – Anxiety	4	6	8
Emotional Distress – Depression	4	6	8
Fatigue	4	6	8
Pain – Interference	4	6	8
Pain – Intensity	1	1	1
Physical Function	4	6	8
Sleep Disturbance	4	6	8
Ability to Participate in Social Roles and Activities	4	6	8

Table 3: PROMIS Pediatric Profile Instruments Available on Assessment Center (www.assessmentcenter.net)

Domain	PROMIS Pediatric 25 v2.0	PROMIS Pediatric 37 v2.0	PROMIS Pediatric 49 v2.0
	# Items		
Emotional Distress – Anxiety	4	6	8
Emotional Distress – Depression	4	6	8
Fatigue	4	6	8
Pain – Interference	4	6	8
Pain – Intensity	1	1	1
Physical Function – Mobility	4	6	8
Peer Relationships	4	6	8

Table 4: PROMIS Parent Proxy Profile Instruments Available on Assessment Center (www.assessmentcenter.net)

Domain	PROMIS Parent Proxy 25 v2.0	PROMIS Parent Proxy 37 v2.0	PROMIS Parent Proxy 49 v2.0
	# Items		
Emotional Distress – Anxiety	4	6	8
Emotional Distress – Depression	4	6	8
Fatigue	4	6	8
Pain – Interference	4	6	8
Pain – Intensity	1	1	1
Physical Function – Mobility	4	6	8
Peer Relationships	4	6	8

Table 5: PROMIS Sexual Function Brief Profiles v1.0

Domain	Men (8 items)	Women (11 items)	Both Genders (skips inappropriate gender questions)
	# Items		
Interest in Sexual Activity	2	2	2
Orgasm	1	1	1
Global Satisfaction with Sex Life	2	2	2
Erectile Function	3	-	3
Lubrication	-	2	2
Vaginal Discomfort	-	3	3

Table 6: PROMIS Instruments to Be Available in 2016

Domain	Target Population
Sexual Function & Satisfaction v2.0 (Satisfaction with Sex Life, Orgasm – Ability, Orgasm – Pleasure, Oral Dryness with Sexual Activity, Oral Discomfort with Sexual Activity, Interest in Sexual Activity, Factors Interfering with Sexual Satisfaction, Anal Discomfort with Sexual Activity, Bother Regarding Sexual Function, Vulvar Discomfort with Sexual Activity – Labial, Vulvar Discomfort with Sexual Activity – Clitoral, Vaginal Discomfort with Sexual Activity, Therapeutic Aids for Sexual Activity, Sexual Activities)	Adult
Substance Use	Adult
Family Relationships	Pediatric, Parent Proxy
Pain Behavior	Pediatric, Parent Proxy

Neuro-QoL is a set of self-report measures that assesses the health-related quality of life (HRQOL) of adults and children with neurological disorders. Neuro-QoL is comprised of item banks and scales that evaluate symptoms, concerns, and issues that are relevant across disorders (generic measures) along with instruments that assess areas most relevant for specific patient populations (targeted). Both self- and proxy-report versions are available. The Neuro-QoL instruments enable within-disease as well as cross-disease comparisons and are intended for use in both neurology clinical trials and clinical practice. Neuro-QoL instruments were validated in the following conditions: stroke, multiple sclerosis, amyotrophic lateral sclerosis, Parkinson’s disease, pediatric and adult epilepsy, and muscular dystrophy.

Most Neuro-QoL instruments are calibrated item banks that can be administered as a computerized adaptive test (CAT) or as fixed-length short forms. T-scores are produced from the item-level calibrations. The remaining instruments are uncalibrated unidimensional scales. Some or all items can be administered with the sum or the total raw score used in analyses. The following instruments are included in Assessment Center.

Table 6: Neuro-QoL Instruments Available in Assessment Center (www.assessmentcenter.net)

Domain	Format Adult/Pediatric	Adult # items		Pediatric (ages 8-17) # items	
		Bank	Short Form/Scale	Bank	Short Form/Scale
Anxiety	Bank/Bank	21	8	19	8
Depression	Bank/Bank	24	8	16	8
Anger	NA/Short Form				8
Fatigue	Bank/Bank	19	8	11**	8
Upper Extremity Function - Fine Motor, ADL	Bank/Scale	20	8		20
Lower Extremity Function – Mobility	Bank/Scale	19	8		20
Cognitive Function	Bank/Bank	28/26	8	14	8
Emotional and Behavioral Dyscontrol	Bank/NA	18	8		
Positive Affect and Well-Being	Bank/NA	23	9		
Sleep Disturbance	Short Form /NA		8		
Ability to Participate in Social Roles and Activities	Bank/NA	45/43	8/7		
Satisfaction with Social Roles and Activities	Bank/NA	45/43	8		
Social Relations - Interaction with Peers	NA/Bank			16/14	8
Social Relations- Interaction with Adults	NA/ Item Pool				9*

		Adult # items		Pediatric (ages 8-17) # items	
Domain	Format Adult/Pediatric	Bank	Short Form/Scale	Bank	Short Form/Scale
Stigma	Bank/Bank	24	8	18	8
Pain	NA/ Short Form				10
Communication	Scale/NA		5		
End of Life Concerns	Item Bank	Pending			
Bowel Function	Item Pool	*			
Urinary/Bladder Function	Item Pool	*			
Sexual Function	Item Pool	*			

NA= not applicable

Black font= available in English only

Blue font= available in English and Spanish

Red font= available in Spanish only

** A 13-item version (v2.0) of the pediatric Fatigue bank is available upon request. However, the 11-item version (v2.1) is recommended.

NOTE: Cognitive Function v2.0 is recommended. Adult Applied Cognition-Executive Function and Adult and Pediatric Applied Cognition-General Concerns instruments are available upon request.

The NIH Toolbox for Assessment of Neurological and Behavioral Function



The NIH Toolbox is a multidimensional set of royalty-free, performance-based and self-report measures that assess cognitive, motor, sensory, and emotional function in people ages 3-85. Available in both English and Spanish, the NIH Toolbox can be used across diverse study designs and settings. The NIH Toolbox can be administered within two hours and divides tests into four domain batteries: Cognition, Motor, Sensation, and Emotion (self- and parent-report). In addition, within some domains, there are supplemental measures. The measures have been normed and validated in a broad sample of the U.S. population. Additional supplemental measures are available. Visit www.nihtoolbox.org for more information.

Table 7: NIH Toolbox Instruments Available on Assessment Center (www.assessmentcenter.net)

Domain	Subdomain	Measure Name <i>* indicates multiple age appropriate versions</i>
Cognition	Attention/Executive Function	NIH Toolbox Flanker Inhibitory Control and Attention Test
Cognition	Episodic Memory	NIH Toolbox Picture Sequence Memory Test
Cognition	Executive Function	NIH Toolbox Dimensional Change Card Sort Test
Cognition	Language	NIH Toolbox Oral Reading Recognition Test
Cognition	Language	NIH Toolbox Picture Vocabulary Test
Cognition	Processing speed	NIH Toolbox Pattern Comparison Processing Speed Test
Cognition	Working Memory	NIH Toolbox List Sorting Working Memory Test
Motor	Balance	NIH Toolbox Standing Balance Test
Motor	Dexterity	NIH Toolbox 9-hole Pegboard Dexterity Test
Motor	Endurance	NIH Toolbox 2-minute Walk Endurance Test
Motor	Locomotion	NIH Toolbox 4-Meter Walk Gait Speed Test
Motor	Strength	NIH Toolbox Grip Strength Test
Sensation	Audition	NIH Toolbox Words-in-Noise Test
Sensation	Olfaction	NIH Toolbox Odor Identification Test
Sensation	Pain	NIH Toolbox Pain Intensity Test
Sensation	Pain	NIH Toolbox Pain Interference Test
Sensation	Taste	NIH Toolbox Regional Taste Intensity Test
Sensation	Vestibular	NIH Toolbox Dynamic Visual Acuity Test
Sensation	Vision	NIH Toolbox Visual Acuity Test
Emotion	Negative Affect-Anger	NIH Toolbox Anger-Affect Survey*
Emotion	Negative Affect-Anger	NIH Toolbox Anger-Hostility Survey
Emotion	Negative Affect-Anger	NIH Toolbox Anger-Physical Aggression Survey
Emotion	Negative Affect-Fear	NIH Toolbox Fear-Affect Survey*
Emotion	Negative Affect-Fear	NIH Toolbox Fear-Over Anxious Survey
Emotion	Negative Affect-Fear	NIH Toolbox Fear-Somatic Arousal Survey
Emotion	Negative Affect-Fear	NIH Toolbox Separation Anxiety Survey
Emotion	Negative Affect-Sadness	NIH Toolbox Sadness Survey*
Emotion	Psychological Well-Being	NIH Toolbox General Life Satisfaction Survey*

Domain	Subdomain	Measure Name <i>* indicates multiple age appropriate versions</i>
Emotion	Psychological Well-Being	NIH Toolbox Meaning and Purpose Survey
Emotion	Psychological Well-Being	NIH Toolbox Positive Affect Survey*
Emotion	Social Relationships	NIH Toolbox Friendship Survey
Emotion	Social Relationships	NIH Toolbox Loneliness Survey
Emotion	Social Relationships	NIH Toolbox Positive Peer Interaction Survey
Emotion	Social Relationships	NIH Toolbox Social Withdrawal Survey
Emotion	Social Relationships	NIH Toolbox Empathic Behaviors Survey*
Emotion	Social Relationships	NIH Toolbox Peer Rejection Survey
Emotion	Social Relationships	NIH Toolbox Perceived Hostility Survey
Emotion	Social Relationships	NIH Toolbox Perceived Rejection Survey
Emotion	Social Relationships	NIH Toolbox Emotional Support Survey
Emotion	Social Relationships	NIH Toolbox Instrumental Support Survey
Emotion	Stress & Self-Efficacy	NIH Toolbox Perceived Stress Survey*
Emotion	Stress & Self-Efficacy	NIH Toolbox Self-Efficacy Survey*

Instruments in [blue](#) are available in English and Spanish.



Health LiTT

Health LiTT (Health Literacy Assessment Using Talking Touchscreen Technology) is a self-administered measure of health literacy. The definition of health literacy encompasses an individual's capacity to process and understand health-related information, and the ability to apply that information in the management of her/his own health.

Health LiTT has an English language item bank (82 items) that is administered as a computerized adaptive test (CAT). There is also a 14-item short form available in both English and Spanish. Health LiTT's unique "Talking Touchscreen" method of questionnaire administration is also available through Assessment Center.

Health LiTT is available through Assessment Center. To use Health LiTT instruments, you must first ask permission by sending an email to healthlitt@northwestern.edu.

Domain	Bank	Short Form/Scale
Health Literacy	82	14

Instruments in [blue](#) are available in English and Spanish.

Visit <http://www.healthlitt.org> for more information.