

Appendix A, Table 2: New and Existing PROMIS items for Heart Failure, Physical category

Instrument	Item	Responses and Scores
Dyspnea		
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Walking 50 steps/paces on flat ground at a normal speed without stopping	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Lifting something weighing 10-20 lbs. (about 4.5-9 kg, like a large bag of groceries)	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Walking (faster than your usual speed) for ½ mile (almost 1 km) without stopping	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Walking 10 steps/paces on flat ground at a normal speed without stopping	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Walking up 5 stairs without stopping	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Walking up 10 stairs (1 flight) without stopping	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Lifting something weighing less than 5 lbs. (about 2 kg, like a houseplant)	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Lifting something weighing 5-10 lbs. (about 2-4.5 kg, like a basket of clothes)	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days

Instrument	Item	Responses and Scores
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Lifting something weighing more than 20 lbs. (about 9 kg, like a medium-sized suitcase)	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Existing PROMIS	Over the past 7 days, how short of breath did you get with each of these activities?: Carrying something weighing less than 5 lbs. (about 2 kg, like a houseplant) from one room to another	1=No shortness of breath, 2=Mildly short of breath, 3=Moderately short of breath, 4=Severely short of breath, 5=I did not do this in the past 7 days
Fatigue		
Existing PROMIS	In the past 7 days... To what degree did you have to push yourself to get things done because of your fatigue?	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	In the past 7 days... How often did your fatigue make you feel slowed down in your thinking?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Existing PROMIS	In the past 7 days... How often did you have to limit your social activities because of your fatigue?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Existing PROMIS	In the past 7 days... How often were you too tired to do your household chores?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Existing PROMIS	In the past 7 days... How often did you run out of energy?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Existing PROMIS	In the past 7 days... How often did you feel tired?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Existing PROMIS	During the past 7 days... I feel weak all over	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	During the past 7 days... I feel tired	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	During the past 7 days... I have energy	5=Not at all, 4=A little bit, 3=Somewhat, 2=Quite a bit, 1=Very much
Existing PROMIS	During the past 7 days... I am able to do my usual activities	5=Not at all, 4=A little bit, 3=Somewhat, 2=Quite a bit, 1=Very much
New PROMIS	In the past 7 days... How often did you need to take breaks to finish daily tasks?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always

Instrument	Item	Responses and Scores
Health Behavior Outcomes		
New PROMIS	In the past 7 days... Were you able to control your salt intake?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
New PROMIS	In the past 7 days... Were you able to keep a healthy diet?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
New PROMIS	In the past 7 days... Were you able to control your weight?	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Pain Interference		
Existing PROMIS	In the past 7 days... How much did pain interfere with your ability to participate in leisure activities?	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	In the past 7 days... How much did pain interfere with your ability to concentrate?	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Physical Function		
Existing PROMIS	Does your health now limit you in bending, kneeling, or stooping?	5=Not at all, 4=Very little, 3=Somewhat, 2=Quite a lot, 1=Cannot do
Existing PROMIS	Does your health now limit you in doing heavy work around the house like scrubbing floors, or lifting or moving heavy furniture?	5=Not at all, 4=Very little, 3=Somewhat, 2=Quite a lot, 1=Cannot do
Existing PROMIS	Are you able to push open a heavy door?	5=Without any difficulty, 4=With a little difficulty, 3=With some difficulty, 2=With much difficulty, 1=Unable to do
Existing PROMIS	Are you able to go for a walk of at least 15 minutes?	5=Without any difficulty, 4=With a little difficulty, 3=With some difficulty, 2=With much difficulty, 1=Unable to do
Existing PROMIS	Does your health now limit you in going OUTSIDE the home, for example to shop or visit a doctor's office?	5=Not at all, 4=Very little, 3=Somewhat, 2=Quite a lot, 1=Cannot do
Existing PROMIS	Are you able to walk a block (about 100 m) on flat ground?	5=Without any difficulty, 4=With a little difficulty, 3=With some difficulty, 2=With much difficulty, 1=Unable to do
Existing PROMIS	Are you able to run 100 yards (100 m)?	5=Without any difficulty, 4=With a little difficulty, 3=With some difficulty, 2=With much difficulty, 1=Unable to do

Instrument	Item	Responses and Scores
Existing PROMIS	Are you able to walk up and down two steps?	5=Without any difficulty, 4=With a little difficulty, 3=With some difficulty, 2=With much difficulty, 1=Unable to do
Existing PROMIS	Does your health now limit you in climbing one flight of stairs?	5=Not at all, 4=Very little, 3=Somewhat, 2=Quite a lot, 1=Cannot do
Existing PROMIS	Does your health now limit you in walking about the house?	5=Not at all, 4=Very little, 3=Somewhat, 2=Quite a lot, 1=Cannot do
Sleep Disturbance		
Existing PROMIS	In the past 7 days... My sleep quality was...	5=Very poor, 4=Poor, 3=Fair, 2=Good, 1=Very good
Existing PROMIS	In the past 7 days... I got enough sleep.	5=Never, 4=Rarely, 3=Sometimes, 2=Often, 1=Always
Existing PROMIS	In the past 7 days... I had a problem with my sleep.	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	In the past 7 days... I had difficulty falling asleep.	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	In the past 7 days... I tried hard to get to sleep.	1=Not at all, 2=A little bit, 3=Somewhat, 4=Quite a bit, 5=Very much
Existing PROMIS	In the past 7 days... I had trouble sleeping.	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
Symptoms		
New PROMIS	In the past 7 days... Did you feel dizzy or lightheaded?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
New PROMIS	In the past 7 days... Did you have chest pain?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always
New PROMIS	In the past 7 days... Did you have swelling in your feet or legs?	1=Never, 2=Rarely, 3=Sometimes, 4=Often, 5=Always