

RAPID4

ROUTINE ASSESSMENT OF PATIENT INDEX DATA

The RAPID4 includes a subset of core variables found in the Multi-dimensional HAQ (MD-HAQ). Page 1 of the MD-HAQ, shown here, includes an assessment of physical function (section 1), a patient global assessment (PGA) for pain (section 2), a PGA for joint pain (section 3), and a PGA for global health (section 4). RAPID4 scores are quickly tallied by adding subsets of the MD-HAQ as follows:

1. PLEASE CHECK THE ONE BEST ANSWER FOR YOUR ABILITIES AT THIS TIME:

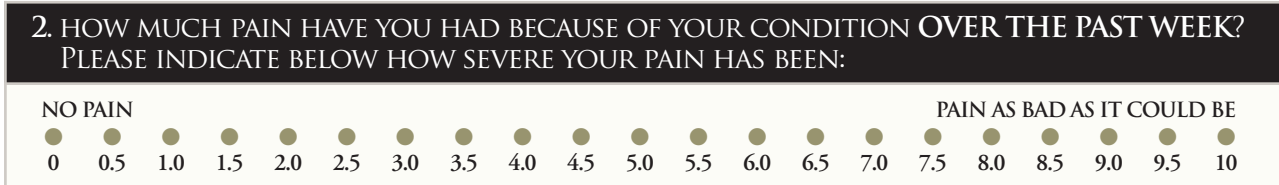
OVER THE LAST WEEK, WERE YOU ABLE TO:	WITHOUT ANY DIFFICULTY	WITH SOME DIFFICULTY	WITH MUCH DIFFICULTY	UNABLE TO DO
a. Dress yourself, including tying shoelaces and doing buttons?	___ 0	___ 1	___ 2	___ 3
b. Get in and out of bed?	___ 0	___ 1	___ 2	___ 3
c. Lift a full cup or glass to your mouth?	___ 0	___ 1	___ 2	___ 3
d. Walk outdoors on flat ground?	___ 0	___ 1	___ 2	___ 3
e. Wash and dry your entire body?	___ 0	___ 1	___ 2	___ 3
f. Bend down to pick up clothing from the floor?	___ 0	___ 1	___ 2	___ 3
g. Turn regular faucets on and off?	___ 0	___ 1	___ 2	___ 3
h. Get in and out of a car, bus, train, or airplane?	___ 0	___ 1	___ 2	___ 3
i. Walk two miles or three kilometers, if you wish?	___ 0	___ 1	___ 2	___ 3
j. Participate in recreational activities and sports as you would like, if you wish?	___ 0	___ 1	___ 2	___ 3
k. Get a good night's sleep?	___ 0	___ 1.1	___ 2.2	___ 3.3
l. Deal with feelings of anxiety or being nervous?	___ 0	___ 1.1	___ 2.2	___ 3.3
m. Deal with feelings of depression or feeling blue?	___ 0	___ 1.1	___ 2.2	___ 3.3

1. a-j FN (0-10):

1=0.3 16=5.3
2=0.7 17=5.7
3=1.0 18=6.0
4=1.3 19=6.3
5=1.7 20=6.7
6=2.0 21=7.0
7=2.3 22=7.3
8=2.7 23=7.7
9=3.0 24=8.0
10=3.3 25=8.3
11=3.7 26=8.7
12=4.0 27=9.0
13=4.3 28=9.3
14=4.7 29=9.7
15=5.0 30=10

2. PN (0-10):

4. PTGE (0-10):

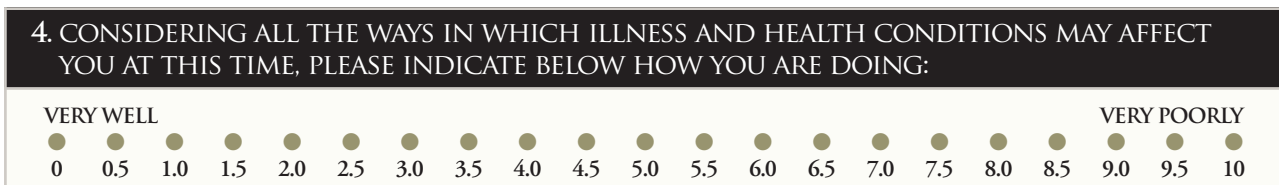


3. a-p PJTJ (0-10)

1=0.2 25=5.2
2=0.4 26=5.4
3=0.6 27=5.6
4=0.8 28=5.8
5=1.0 29=6.0
6=1.2 30=6.2
7=1.4 31=6.4
8=1.6 32=6.6
9=1.8 33=6.8
10=2.0 34=7.0
11=2.2 35=7.2
12=2.4 36=7.4
13=2.6 37=7.6
14=2.8 38=7.8
15=3.0 39=8.0
16=3.2 40=8.2
17=3.4 41=8.4
18=3.6 42=8.6
19=3.8 43=8.8
20=4.0 44=9.0
21=4.2 44=9.2
22=4.4 45=9.4
23=4.6 46=9.6
24=4.8 47=9.8
25=5.0 48=10

3. PLEASE SELECT THE APPROPRIATE SPOT TO INDICATE THE AMOUNT OF PAIN YOU ARE HAVING IN EACH OF THE JOINT AREAS LISTED BELOW:

	None	Mild	Moderate	Severe		None	Mild	Moderate	Severe
a. Left Fingers	0	1	2	3	k. Right Fingers	0	1	2	3
b. Left Wrist	0	1	2	3	l. Right Wrist	0	1	2	3
c. Left Elbow	0	1	2	3	m. Right Elbow	0	1	2	3
d. Left Shoulder	0	1	2	3	n. Right Shoulder	0	1	2	3
e. Left Hip	0	1	2	3	o. Right Hip	0	1	2	3
f. Left Knee	0	1	2	3	p. Right Knee	0	1	2	3
g. Left Ankle	0	1	2	3	q. Right Ankle	0	1	2	3
h. Left Toes	0	1	2	3	r. Right Toes	0	1	2	3
i. Neck	0	1	2	3	s. Back	0	1	2	3



4. PTGE (0-10):

RAPID4 (0-40)

CONVERSION TABLE
Near Remission (NR): 1=0.3; 2=0.5; 3=0.8; 4=1.0
Low Severity (LS): 5=1.3; 6=1.5; 7=1.8; 8=2.0

Moderate Severity (MS): 9=2.3; 10=2.5; 11=2.8; 12=3.0; 13=3.3; 14=3.5; 15=3.8; 6=4.0
High Severity (HS): 17=4.3; 18=4.5; 19=4.8; 20=5.0; 21=5.3; 22=5.5; 23=5.8; 24=6.0;
25=6.3; 26=6.5; 27=6.8; 28=7.0; 29=7.3;

HOW TO CALCULATE RAPID 4 SCORES

1. Ask the patient to complete questions 1- 4 while in the waiting room prior to their visit.
2. For question 1, add up the scores in questions A-J only (questions K-M have been found to be informative, but are not scored formally here). Use the formula in the box on the right to calculate the formal score (0-10). For example, a patient whose answers total 19 would score a 6.3. Enter this score as an evaluation of the patient's functional status (FN).
3. For question 2, enter the raw score (0-10) in the box on the right as an evaluation of the patient's pain tolerance (PN).
4. For question 3, add up the scores in questions A-P only (questions Q-R have been found to be informative, but are not scored formally here). Use the formula in the box on the right to calculate the formal score (0-10). For example, a patient whose answers total 22 would score a 4.6. Enter this score as an evaluation of the patient's self-report joint count (PTPJ).
5. For question 4, enter the raw score (0-10) in the box on the right as an evaluation of the patient's global estimate (PTGE).
6. Add the total score (0-40) from questions 1-4 and enter them as the patient's RAPID 4 score.
7. Add the total score (0-40) from questions 1-4 and enter them as the patient's RAPID 4 cumulative score. Use the final conversion table to simplify the patient's weighed RAPID 4 score. For example, a patient who scores 15 on the cumulative RAPID 4 score would score a weighed 3.8. A patient who scores between 0-1.0 is defined as near remission (NR); 1.3-2.0 as low severity (LS); 2.4-4.0 as moderate severity (MS); and 4.0-10.0 as high severity (HS).

RAPID4 EXAMPLE

ROUTINE ASSESSMENT OF PATIENT INDEX DATA

The RAPID4 includes a subset of core variables found in the Multi-dimensional HAQ (MD-HAQ). Page 1 of the MD-HAQ, shown here, includes an assessment of physical function (section 1), a patient global assessment (PGA) for pain (section 2), a PGA for joint pain (section 3), and a PGA for global health (section 4). RAPID4 scores are quickly tallied by adding subsets of the MD-HAQ as follows:

1. PLEASE CHECK THE ONE BEST ANSWER FOR YOUR ABILITIES AT THIS TIME:

OVER THE LAST WEEK, WERE YOU ABLE TO:	WITHOUT ANY DIFFICULTY	WITH SOME DIFFICULTY	WITH MUCH DIFFICULTY	UNABLE TO DO
a. Dress yourself, including tying shoelaces and doing buttons?	___ 0	___ 1	<u>X</u> 2	___ 3
b. Get in and out of bed?	___ 0	___ 1	<u>X</u> 2	___ 3
c. Lift a full cup or glass to your mouth?	___ 0	<u>X</u> 1	___ 2	___ 3
d. Walk outdoors on flat ground?	<u>X</u> 0	___ 1	___ 2	___ 3
e. Wash and dry your entire body?	___ 0	<u>X</u> 1	___ 2	___ 3
f. Bend down to pick up clothing from the floor?	___ 0	<u>X</u> 1	___ 2	___ 3
g. Turn regular faucets on and off?	___ 0	<u>X</u> 1	___ 2	___ 3
h. Get in and out of a car, bus, train, or airplane?	___ 0	___ 1	___ 2	<u>X</u> 3
i. Walk two miles or three kilometers, if you wish?	<u>X</u> 0	___ 1	___ 2	___ 3
j. Participate in recreational activities and sports as you would like, if you wish?	<u>X</u> 0	___ 1	___ 2	___ 3
k. Get a good night's sleep?	___ 0	___ 1.1	<u>X</u> 2.2	___ 3.3
l. Deal with feelings of anxiety or being nervous?	___ 0	<u>X</u> 1.1	___ 2.2	___ 3.3
m. Deal with feelings of depression or feeling blue?	___ 0	___ 1.1	___ 2.2	<u>X</u> 3.3

1. a-j FN (0-10):

4.3

1=0.3 16=5.3
2=0.7 17=5.7
3=1.0 18=6.0
4=1.3 19=6.3
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2. PN (0-10):

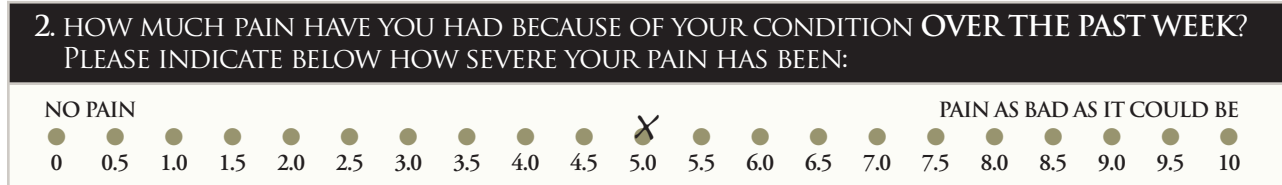
5.0

4. PTGE (0-10):

1.0

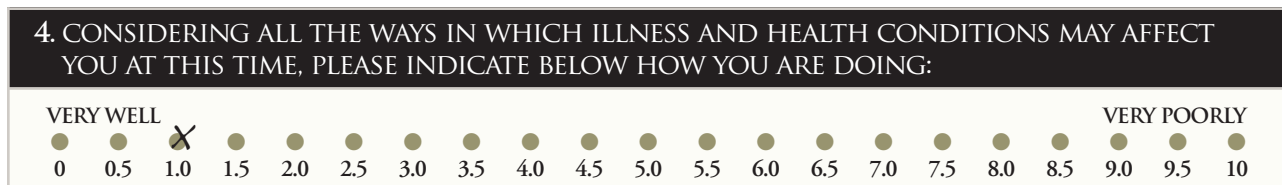
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PJTJ (0-10)

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	None	Mild	Moderate	Severe		None	Mild	Moderate	Severe
a. Left Fingers	<u>X</u>	1	2	3	k. Right Fingers	0	<u>X</u>	2	3
b. Left Wrist	<u>X</u>	1	2	3	l. Right Wrist	<u>X</u>	1	2	3
c. Left Elbow	0	<u>X</u>	2	3	m. Right Elbow	0	<u>X</u>	2	3
d. Left Shoulder	0	<u>X</u>	2	3	n. Right Shoulder	0	1	2	<u>X</u>
e. Left Hip	<u>X</u>	1	2	3	o. Right Hip	<u>X</u>	1	2	3
f. Left Knee	<u>X</u>	1	2	3	p. Right Knee	<u>X</u>	1	2	3
g. Left Ankle	0	1	2	<u>X</u>	q. Right Ankle	<u>X</u>	1	2	3
h. Left Toes	<u>X</u>	1	2	3	r. Right Toes	<u>X</u>	1	2	3
i. Neck	<u>X</u>	1	2	3	s. Back	0	<u>X</u>	2	3



4. PTGE (0-10):

2.2

RAPID4 (0-40)

12.5

CONVERSION TABLE

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