# RAPID3

## ROUTINE ASSESSMENT OF PATIENT INDEX DATA

The RAPID3 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), and a PGA for global health (section 3). RAPID3 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):**

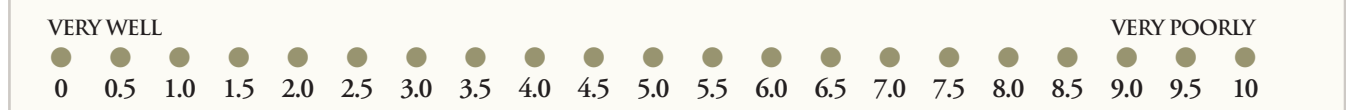| | |
|---|---|
| 1=0.3 | 16=5.3 |
| 2=0.7 | 17=5.7 |
| 3=1.0 | 18=6.0 |
| 4=1.3 | 19=6.3 |
| 5=1.7 | 20=6.7 |
| 6=2.0 | 21=7.0 |
| 7=2.3 | 22=7.3 |
| 8=2.7 | 23=7.7 |
| 9=3.0 | 24=8.0 |
| 10=3.3 | 25=8.3 |
| 11=3.7 | 26=8.7 |
| 12=4.0 | 27=9.0 |
| 13=4.3 | 28=9.3 |
| 14=4.7 | 29=9.7 |
| 15=5.0 | 30=10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

**2. PN (0-10):**

**3. PTGE (0-10):**

**RAPID3 (0-30)**

### 2. HOW MUCH PAIN HAVE YOU HAD BECAUSE OF YOUR CONDITION OVER THE PAST WEEK? PLEASE INDICATE BELOW HOW SEVERE YOUR PAIN HAS BEEN:

NO PAIN          PAIN AS BAD AS IT COULD BE

0   0.5   1.0   1.5   2.0   2.5   3.0   3.5   4.0   4.5   5.0   5.5   6.0   6.5   7.0   7.5   8.0   8.5   9.0   9.5   10

### 3. CONSIDERING ALL THE WAYS IN WHICH ILLNESS AND HEALTH CONDITIONS MAY AFFECT YOU AT THIS TIME, PLEASE INDICATE BELOW HOW YOU ARE DOING:

VERY WELL          VERY POORLY

0   0.5   1.0   1.5   2.0   2.5   3.0   3.5   4.0   4.5   5.0   5.5   6.0   6.5   7.0   7.5   8.0   8.5   9.0   9.5   10

**CONVERSION TABLE**

Near Remission (NR): 1=0.3; 2=0.7; 3=1.0
Low Severity (LS): 4=1.3; 5=1.7; 6=2.0
Moderate Severity (MS): 7=2.3; 8=2.7; 9=3.0; 10=3.3; 11=3.7; 12=4.0

High Severity (HS): 13=4.3; 14=4.7; 15=5.0; 16=5.3; 17=5.7; 18=6.0; 19=6.3; 20=6.7; 21=7.0; 22=7.3; 23=7.7; 24=8.0; 25=8.3; 26=8.7; 27=9.0; 28=9.3; 29=9.7; 30=10.0

## HOW TO CALCULATE RAPID 3 SCORES

**1.** Ask the patient to complete questions 1, 2, and 3 while in the waiting room prior to his/her 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). 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, enter the raw score (0-10) in the box on the right as an evaluation of the patient's global estimate (PTGE).

**5.** Add the total score (0-30) from questions 1, 2, and 3 and enter them as the patient's RAPID 3 cumulative score. Use the final conversion table to simplify the patient's weighed RAPID 3 score. For example, a patient who scores 11 on the cumulative RAPID 3 scale would score a weighed 3.7. A patient who scores between 0–1.0 is defined as near remission (NR); 1.3–2.0 as low severity (LS); 2.3–4.0 as moderate severity (MS); and 4.3–10.0 as high severity (HS).

# RAPID 3 EXAMPLE
## ROUTINE ASSESSMENT OF PATIENT INDEX DATA

The RAPID 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), and a PGA for global health (section 3). RAPID 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? | X 0 | ___ 1 | ___ 2 | ___ 3 |
| b. Get in and out of bed? | ___ 0 | X 1 | ___ 2 | ___ 3 |
| c. Lift a full cup or glass to your mouth? | ___ 0 | ___ 1 | ___ 2 | X 3 |
| d. Walk outdoors on flat ground? | X 0 | ___ 1 | ___ 2 | ___ 3 |
| e. Wash and dry your entire body? | X 0 | ___ 1 | ___ 2 | ___ 3 |
| f. Bend down to pick up clothing from the floor? | ___ 0 | X 1 | ___ 2 | ___ 3 |
| g. Turn regular faucets on and off? | ___ 0 | ___ 1 | X 2 | ___ 3 |
| h. Get in and out of a car, bus, train, or airplane? | ___ 0 | ___ 1 | X 2 | ___ 3 |
| i. Walk two miles or three kilometers, if you wish? | ___ 0 | X 1 | ___ 2 | ___ 3 |
| j. Participate in recreational activities and sports as you would like, if you wish? | ___ 0 | X 1 | ___ 2 | ___ 3 |
| k. Get a good night's sleep? | X 0 | ___ 1.1 | ___ 2.2 | ___ 3.3 |
| l. Deal with feelings of anxiety or being nervous? | ___ 0 | ___ 1.1 | ___ 2.2 | X 3.3 |
| m. Deal with feelings of depression or feeling blue? | ___ 0 | ___ 1.1 | X 2.2 | ___ 3.3 |

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

**3.7**

| | |
|---|---|
| 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 |
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| 8=2.7 | 23=7.7 |
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| 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):**

**2.5**

**3. PTGE (0-10):**

**1.0**

**RAPID3 (0-30)**

**7.2**

### 2. HOW MUCH PAIN HAVE YOU HAD BECAUSE OF YOUR CONDITION OVER THE PAST WEEK? PLEASE INDICATE BELOW HOW SEVERE YOUR PAIN HAS BEEN:

NO PAIN — [X at 2.5] — PAIN AS BAD AS IT COULD BE

0   0.5   1.0   1.5   2.0   2.5   3.0   3.5   4.0   4.5   5.0   5.5   6.0   6.5   7.0   7.5   8.0   8.5   9.0   9.5   10

### 3. CONSIDERING ALL THE WAYS IN WHICH ILLNESS AND HEALTH CONDITIONS MAY AFFECT YOU AT THIS TIME, PLEASE INDICATE BELOW HOW YOU ARE DOING:

VERY WELL — [X at 1.0] — VERY POORLY

0   0.5   1.0   1.5   2.0   2.5   3.0   3.5   4.0   4.5   5.0   5.5   6.0   6.5   7.0   7.5   8.0   8.5   9.0   9.5   10

**CONVERSION TABLE**

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**High Severity (HS):** 13=4.3; 14=4.7; 15=5.0; 16=5.3; 17=5.7; 18=6.0; 19=6.3; 20=6.7; 21=7.0; 22=7.3; 23=7.7; 24=8.0; 25=8.3; 26=8.7; 27=9.0; 28=9.3; 29=9.7; 30=10.0

## HOW TO CALCULATE RAPID 3 SCORES

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