

---

## NHATS Round 2

Section PE [PERFORMANCE]

Sequence: 27

---

PE1PRE

PE1PRE

NOT ON FILE

Next I would like to ask {you/SP} to try to perform a few simple movements, that is to move {your/{his/her}} body in different ways. Before we start, I need to ask a few questions.

PRESS 1 AND ENTER TO CONTINUE

---

PE1

pe2whhndsign

R2 PE1 HAND USE TO SIGN YOUR NAME

**QUESTION TEXT:**

Which hand {do you/does SP} use to sign {your/{his/her}} name?

**CODES**

- |   |            |
|---|------------|
| 1 | LEFT       |
| 2 | RIGHT      |
| 3 | BOTH       |
|   | REFUSED    |
|   | DON'T KNOW |

**PROGRAMMER INSTRUCTIONS:**

- If PE1 = 1, set LEFTHANDED flag = 1 (yes).  
If PE1 = 2, set RIGHTHANDED flag = 1 (yes).  
If PE1 = 3, set EITHERHANDED flag = 1 (yes).
- 

PE2

pe2surghdwr

R2 PE2 HAVE SURGRY TO HAND WRIST

**DISPLAY INSTRUCTIONS:**

Display "in the last 3 months" in bold underlined text.

**QUESTION TEXT:**

In the last 3 months, that is since {MONTH AND YEAR 3 MONTHS PRIOR TO TODAY'S DATE}, {have you/has SP} had surgery or a serious injury on {your/{his/her}} hand or wrist?

**CODES**

- |   |            |     |
|---|------------|-----|
| 1 | YES        |     |
| 2 | NO         | PE4 |
| 3 | REFUSED    | PE4 |
|   | DON'T KNOW | PE4 |
- 

PE3

pe2surgyside

R2 PE3 WHICH SIDE WAS SURGERY

**QUESTION TEXT:**

Which side was that (surgery or serious injury on {your/SP's} hand or wrist)? Was it the left side or right side?

**CODES**

- |   |           |
|---|-----------|
| 1 | LEFT SIDE |
|---|-----------|

2	RIGHT SIDE	
3	BOTH SIDES	PE8
	REFUSED	
	DON'T KNOW	

**PROGRAMMER INSTRUCTIONS:**

If PE3 = 1 (left hand/wrist surgery), set LEFTGRIPTEST flag = 2 (no).  
 If PE3 = 2 (right hand/wrist surgery), set RIGHTGRIPTEST flag = 2 (no).  
 If PE3 = 3 (both hands/wrists surgery), set LEFTGRIPTEST flag = 2 (no) and RIGHTGRIPTEST flag = 2 (no).

**PE4**                                      **pe2flrupain**                                      R2 PE4 EXPER FLARE UP PAIN HAND

**DISPLAY INSTRUCTIONS:**

Display "currently" in bold underlined text.

**QUESTION TEXT:**

{Are you/Is SP} currently experiencing a flare-up of pain in either hand or wrist?

**CODES**

1	YES	
2	NO	PE6
3	REFUSED	PE6
	DON'T KNOW	PE6

**PE5**                                      **pe2sideflrup**                                      R2 PE5 SIDE CURRNT FLARE UP PAIN

**DISPLAY INSTRUCTIONS:**

Display "current" in bold underlined text.

**QUESTION TEXT:**

Which side is that current flare-up of pain in {your/SP's} hand or wrist? Is it the left side or right side?

**CODES**

1	LEFT SIDE	
2	RIGHT SIDE	
3	BOTH SIDES	PE8
	REFUSED	
	DON'T KNOW	

**PROGRAMMER INSTRUCTIONS:**

If PE5 = 1 (left hand/pain flare up), set LEFTGRIPTEST flag = 2 (no).  
 If PE5 = 2 (right hand/pain flare up), set RIGHTGRIPTEST flag = 2 (no).  
 If PE5 = 3 (both hands/pain flare ups), set LEFTGRIPTEST flag = 2 (no) and RIGHTGRIPTEST flag = 2 (no).

**PE6**                                      **pe2surgarmsh**                                      R2 PE6 SURGERY ARM OR SHOULDER

**DISPLAY INSTRUCTIONS:**

Display "In the last 3 months" in bold underlined text.

**QUESTION TEXT:**

In the last 3 months, that is since {MONTH AND YEAR 3 MONTHS PRIOR TO TODAY'S DATE}, {have you/has SP} had surgery or a serious injury on {your/{his/her}} arm or shoulder

**CODES**

1	YES	
2	NO	PE8
	REFUSED	PE8
	DON'T KNOW	PE8

---

**PE7**

**pe2sidsurgar**

R2 PE7 SIDE SURGERY ARM OR SHLDR

**QUESTION TEXT:**

Which side was that (surgery or serious injury on {your/SP's} arm or shoulder)? Was it the left side or right side?

**CODES**

1	LEFT SIDE
2	RIGHT SIDE
3	BOTH SIDES
	REFUSED
	DON'T KNOW

**PROGRAMMER INSTRUCTIONS:**

If PE7 = 1 (left arm/shoulder surgery), set LEFTGRIPTEST flag = 2 (no).

If PE7 = 2 (right arm/shoulder surgery), set RIGHTGRIPTEST flag = 2 (no).

If PE7 = 3 (both arms/shoulders surgery), set LEFTGRIPTEST flag = 2 (no) and RIGHTGRIPTEST flag = 2 (no).

---

**PE8**

**pe2surgyhips**

R2 PE8 SURG HIPS IN CLUD REPLCMNT

**DISPLAY INSTRUCTIONS:**

Display "In the last 3 months" in bold underlined text.

**QUESTION TEXT:**

In the last 3 months, that is since {MONTH AND YEAR 3 MONTHS PRIOR TO TODAY'S DATE}, {have you/has SP} had surgery or a serious injury on {your/{his/her}} hips (including hip replacement surgery)?

**CODES**

1	YES	
2	NO	BOX PE11
	REFUSED	BOX PE11
	DON'T KNOW	BOX PE11

---

**PE9**

**pe2sidhipsrgr**

R2 PE9 SIDE WAS HIP SURGERY ON

**QUESTION TEXT:**

Was that (surgery or serious injury on {your/SP's} hips) only on one side or on both sides?

**CODES**

1	ONE SIDE
2	BOTH SIDES
	REFUSED
	DON'T KNOW

**PROGRAMMER INSTRUCTIONS:**

If PEg = 2 (both hips surgery), set CHAIRSTANDS flag = 2 (no).

---

**BOX PE11**

**BOX PE11**

NOT ON FILE

If MO24 = 1 (always uses mobility device to get out of bed) or MO26 = 4 (never got out of bed by self), go to PE11.

Otherwise go to BOX PE13.

---

**PE11**

**pe2stndwhold**

R2 PE11 STAND WITHOUT HOLDING ON

**DISPLAY INSTRUCTIONS:**

Display "stand without holding onto anyone or anything" in bold underlined text.

**QUESTION TEXT:**

For a few of the body movements, I will ask {you/SP} to stand without holding onto anyone or anything. I can help {you/{him/her}} get up if {you/{he/she}} would like me to. {Are you/Is SP} able to try this?

**CODES**

- |   |            |
|---|------------|
| 1 | YES        |
| 2 | NO         |
|   | REFUSED    |
|   | DON'T KNOW |

**PROGRAMMER INSTRUCTIONS:**

If PE11 = 2 (not able to stand without holding on to anyone/anything), set BALANCESTANDS flag = 2 (no).

---

**BOX PE12**

**BOX PE12**

NOT ON FILE

If CHAIRSTANDS flag = 2 (NO), go to PE13.

Otherwise, go to PE12.

---

**PE12**

**pe2upchbyslf**

R2 PE12 GET UP OUT CHAIR BY SELF

**DISPLAY INSTRUCTIONS:**

Display "without" and "by {yourself/{himself/herself}}" in bold underlined text.

If CANE flag = 1 (yes) or WALKER flag = 1 (yes), display "and without {your/{his/her}} {cane/walker/cane or walker}".

If CANE flag = 1 (yes) and WALKER flag is null, display "cane".

If WALKER flag = 1 (yes) and CANE flag is null, display "walker".

If CANE flag = 1 (yes) and WALKER flag = 1 (yes), display "cane or walker".

**QUESTION TEXT:**

I will also ask {you/SP} to get up out of a chair by {yourself/{himself/herself}} and without {your/{his/her}} {cane/walker/cane or walker}. {Are you/Is SP} able to try this?

**CODES**

- |   |            |
|---|------------|
| 1 | YES        |
| 2 | NO         |
|   | REFUSED    |
|   | DON'T KNOW |

**PROGRAMMER INSTRUCTIONS:**

If PE12 = 2 (unable to try getting up from chair without mobility devices/help), set CHAIRSTANDS flag = 2 (no).

---

**BOX PE13**

**BOX PE13**

NOT ON FILE

If MO15 = 1 (used wheelchair every time to get around home/building) or MO16 = 1 (used scooter every time to get around home/building) set WALKING COURSE flag = no (2) and go to PE14.

Otherwise go to PE13.

---

**PE13**

**pe2wlkdsself**

R2 PE13 WALK SHORT DIST BY SELF

**DISPLAY INSTRUCTIONS:**

Display "walk a short distance in this room by {yourself/{himself/herself}}" in bold underlined text.

If MO13 = 1,2,3, or 4 (used cane every time, most times, sometimes, or rarely when walking around inside) or MO14 = 1,2,3, or 4 (used walker every time, most times, sometimes, or rarely when walking around inside), display "{You/{He/She}} may use {your/{his/her}} {cane/walker/cane or walker} if {you feel/{he/she} feels} {you need/{he/she} needs} it to walk a short distance."

If MO13 = 1,2,3, or 4 and MO14 ≠ 1,2,3, or 4, display cane.

If MO14 = 1,2,3, or 4 and MO13 ≠ 1,2,3, or 4, display walker.

If MO13 = 1,2,3, or 4 and If MO14 = 1,2,3, or 4, display "cane or walker".

**QUESTION TEXT:**

I will (also) be asking {you/SP} to walk a short distance in this room by {yourself/{himself/herself}}.  
{You/{He/She}} may use {your/{his/her}} {cane/walker/cane or walker} if {you feel/{he/she} feels} {you need/{he/she} needs} it to walk a short distance. {Are you/Is SP} able to try this?

**CODES**

- 1 YES
- 2 NO  
REFUSED  
DON'T KNOW

**PROGRAMMER INSTRUCTIONS:**

If PE13 = 2 (unable to walk short distance), set WALKINGCOURSE flag = 2 (no).

---

**PE14**

**PE14**

NOT ON FILE

**DISPLAY INSTRUCTIONS:**

Display "ACTIVITIES TO SET UP AND DEMONSTRATE" in bolded text.

Display grid with 7 rows and 3 columns.

In R1C1, use null display.

In R1C2, display "ACTIVITY" in bolded text.

In R1C3, display "ADMINISTER" in bolded text.

In R2C1, display "1."

In R2C2, display "BALANCE STANDS".

In R2C3, if BALANCESTANDS flag = 2 (no), set BALANCESTANDESELIG flag = 2 (NO), and display "NO".

Otherwise, set BALANCESTANDESELIG flag = 1 (YES), and display "YES".

In R3C1, display "2."

In R3C2, display "WALKING COURSE".

In R3C3, if WALKINGCOURSE flag = 2 (no), set WALKINGCOURSESELIG flag = 2 (NO), and display "NO".

Otherwise, set WALKINGCOURSELIG flag = 1 (YES), and display “YES”.

In R4C1, use null display.

In R4C2, use null display. In R4C3:

If WALKINGCOURSELIG flag = 1 (YES) and [MO13 = 2, 3, or 4 (used cane most times, sometimes, or rarely inside) or MO14 = 2, 3, or 4 (used walker most times, sometimes, or rarely inside)], set AIDUSAGE flag = 2 (SOMETIMES), and display “B. SOMETIMES USES CANE/WALKER AROUND HOME”.

Else, if WALKINGCOURSELIG flag = 1 (YES) and [MO13 = 1 (used cane every time inside) or MO14 = 1 (used walker every time inside)], set AIDUSAGE flag = 3 (ALWAYS), and display “C. ALWAYS USES CANE/WALKER AROUND HOME”.

Otherwise, if WALKINGCOURSELIG flag = 1 (YES), set AIDUSAGE flag = 1 (NEVER), and display “A. DOESN’T USE CANE/WALKER AROUND HOME”.

In R5C1, display “3.”.

In R5C2, display “CHAIR STANDS”.

In R5C3, if CHAIRSTANDS flag = 2 (no), set CHAIRSTANDESELIG flag = 2 (NO), and display “NO”.

Otherwise, set CHAIRSTANDESELIG flag = 1 (YES), and display “YES”.

In R6C1, display “4.”.

In R6C2, display “GRIP STRENGTH”.

In R6C3:

If LEFTGRIPEST flag=2 (no) and RIGHTGRIPEST flag=2 (no), set GRIPSTRENGTHELIG flag = 3 (NO), and display "NO".

Else if LEFTGRIPEST flag=2 (no) and RIGHTGRIPEST flag NE 2 (no), set GRIPSTRENGTHELIG flag = 1 (YES RIGHT), and display "YES RIGHT".

Else if LEFTGRIPEST flag NE 2 (no) and RIGHTGRIPEST flag=2 (no), set GRIPSTRENGTHELIG flag = 2 (YES LEFT), and display "YES LEFT".

Else if [LEFTGRIPEST flag NE 2 (NO) and RIGHTGRIPEST flag NE 2 (no)] and [LEFTHANDED flag = 1 (YES)], set GRIPSTRENGTHELIG flag = 2 (YES LEFT), and display "YES LEFT".

Otherwise, set GRIPSTRENGTHELIG flag = 1 (YES RIGHT), and display "YES RIGHT".

Display “TRANSFER INFORMATION TO FRONT PAGE OF ACTIVITIES BOOKLET”

Display “AFTER ACTIVITIES ARE COMPLETED, PRESS 1 AND ENTER TO CONTINUE”

#### QUESTION TEXT:

##### ACTIVITIES TO SET UP AND DEMONSTRATE

ACTIVITY	ADMINISTER
1. BALANCE STANDS	{YES/NO}
2. WALKING COURSE	{YES/NO}
	{A. DOESN’T USE CANE/WALKER AROUND HOME/ B. SOMETIMES USES CANE/WALKER AROUND HOME/ C. ALWAYS USES CANE/WALKER AROUND HOME}
3. CHAIR STANDS	{YES/NO}
4. GRIP STRENGTH	{YES RIGHT/YES LEFT/NO}

TRANSFER INFORMATION TO FRONT PAGE OF ACTIVITIES BOOKLET

AFTER ACTIVITIES ARE COMPLETED, PRESS 1 AND ENTER TO CONTINUE

PE15

PE15

NOT ON FILE

#### QUESTION TEXT:

I will (also) be asking {you/SP} to walk a short distance in this room by {yourself/{himself/herself}}.

{{{You/{He/She}}} may use {your/{his/her}} {cane/walker/cane or walker} if {you feel/{he/she} feels} {you need/{he/she} needs} it to walk a short distance.} {Are you/Is SP} able to try this?

**PROGRAMMER INSTRUCTIONS:**

Go to Section HW – Height & Weight

---

**Flag Variables Set in PE Section**

<b>f12lefthand</b>	R2 F PE CAN SP DO LEFT HAND TEST
<b>f12righthand</b>	R2 F PE CAN SP DO RGT HAND TEST
<b>f12eiherhand</b>	R2 F PE CAN SP DO EITHR HAND TST
<b>f12lftgrptst</b>	R2 F PE CAN SP DO LFT GRIP TEST
<b>f12rhtgrptst</b>	R2 F PE CAN SP DO RIGHT GRIP TEST
<b>f12charstnds</b>	R2 F PE CAN SP DO CHAIR STANDS
<b>f12balstands</b>	R2 F PE CAN SP DO BALANCE STANDS
<b>f12wlkingrse</b>	R2 F PE CAN SP DO WALKING COURSE