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Online™

# Study of Osteoporotic Fractures (SOF)

## Study Collection Forms

### **Visit AA**

### **Physical Function**

#### Back Problems

Form Type: Self-Administered Questionnaire

#### **LEGEND:**

**Raw form variable** names are located next to the question they represent and do not have a border around the variable name.

**Calculated variable** names are derived from other variables and have a border around the variable name. The calculated variables names are located in close proximity to the questions from which they were derived.

Some of the questions and measurements on these forms are not being released, and therefore no variable name is provided for them.

## Back Problems Calculated Variables

The questions consist of 3 parts

Main: Do you have any difficulty ... activity

Difficulty: If yes, how much difficulty do you have doing this? None, some, much, unable.

Back pain or problems: If yes or doesn't do: Is this because of back pain or back problems.

Variable naming convention: V#mainvar, V#diffvar, V#backvar, V#mainvarC

V# for visit

Mainvar for activity: bend, lift, rch, sock, etc.

Diffvar for difficulty variable

Backvar for back pain or problems variable.

Calculated variable is usually mainvarC and is coded:

| Any Difficulty? | How much difficulty? | Is it due to back pain? | New var: difficulty due to back pain |
|-----------------|----------------------|-------------------------|--------------------------------------|
| V#mainvar       | V#diffvar            | V#backvar               | V#mainvarC                           |
| Yes             | Some                 | Yes                     | Some                                 |
| Yes             | Much                 | Yes                     | Much                                 |
| Yes             | Unable               | Yes                     | Unable                               |
| No              | any value            | any value               | None                                 |
| any value       | any value            | No                      | None                                 |
| Don't do it     | any value            | Yes                     | Unable                               |

Likert scale is the sum of the calculated variable for degree of difficulty due to back pain or problems. There is a 6-variable scale, 7-variable scale, and 8-variable scale.

The 6-variable scale V#likto6 is the sum of:

$V\#bendC + V\#liftC + V\#rchC + V\#sockonC + V\#autoC + V\#feetC$

Where all 6 variables must be non-missing.

The 7-variable scale V#likto7 is the sum of:

$V\#bendC + V\#liftC + V\#rchC + V\#sockonC + V\#autoC + V\#feetC + V\#sitbkC$

Where all 7 variables must be non-missing.

The 8-variable scale V#likto8 is the sum of:

$V\#bendC + V\#liftC + V\#rchC + V\#sockonC + V\#autoC + V\#feetC + V\#chairC + V\#sitbkC$

Where all 8 variables must be non-missing.

Bend: bending or stooping down to pick up lightweight things (like clothing) from the floor?

Lift: lifting a 10 lb object (such as a bag of potatoes) up from the floor?

Rch: reaching an object just above your head, such as a jar on a shelf?

Sockon: putting socks or stockings on either foot?

Auto: getting in and out of an automobile or in and out of the front seat of an automobile?

Feet: standing or being on your feet for about 2 hours?

Chair: getting up out of a chair?

SitBk: sitting in a chair for about 30 minutes without getting up?

V#mainvarC are also calculated for other back problem variables that are not used for likert scale variables.

## BACK PROBLEMS

**31.** IN THE LAST 12 MONTHS have you had any back pain?

**AABACK**

Yes

No

Don't  
know

PLEASE GO TO QUESTION 32

**IF YES:**

a How often were you bothered by back pain in the last 12 months?

**AAOFT**

- All the time, constantly
- Most of the time
- Some of the time
- Rarely
- Never

b. When you have had back pain, how bad was it on average?

**AABAD**

- Mild
- Moderate
- Severe

c. How many days did you stay in bed because of your back

**AABKBED**

\_\_\_\_\_ days<sup>++</sup>

*++Changed from continuous to categorical variable to ensure confidentiality*

d. How many days did you limit your activities because of your back?  
(Include days in bed.)

**AABKLIM**

\_\_\_\_\_ days<sup>++</sup>

*++Changed from continuous to categorical variable to ensure confidentiality*