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# Study of Osteoporotic Fractures (SOF)

## Study Collection Forms

### Visit 1

#### Physical Function

##### Functional Status

Form Type: Clinic Interview

#### 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.

## Functional Status Calculated Variables

The questions consist of 3 parts (except for Visit 1 where A & B combined )

A: By yourself and without using special aids or equipment: Do you have any difficulty doing ... activity

B: If yes (to A variable) or doesn't do: is difficulty due to health or physical problem?

C: If yes (to A variable) or doesn't do: by yourself, and without using special aids, how much difficulty do you have? None, some, much, unable.

Variable naming convention: V#varA, V#varB, V#varC, V#var1, V#varR1, V#var2

V# for visit

Var for activity: Wlk, Clb, Stp, etc.

A B or C questions on forms

To calculate summary index variable, 3 intermediate variables are calculated: V#var1 V#varR1 V#var2.

V#var1 Recoded : Can you do activity? Y/N

V#varR1 Recoded used for summary1: Do you have difficulty? Y/N, inverse of V#var1

V#var2 Recoded used for summary2: Degree of difficulty?

V#var1 and V#varR1 coding:

Any difficulty?	Due to health or physical problem?	How much difficulty?	New var: Can do it	New var: have difficulty doing it	Comments
V#varA	V#varB	V#varC	V#var1	V#varR1	
No	any value	any value	Yes	No	no difficulty
Yes	any value	not missing	No	Yes	yes difficulty
Yes	any value	don't know	.K	.K	so will agree with index 2
Yes	any value	missing	.A	.A	so will agree with index 2
Doesn't do	No	any value	Yes	No	doesn't do for other reasons
Doesn't do	Yes	any value	No	Yes	yes difficulty
Doesn't do	don't know	not missing	No	Yes	yes difficulty
Doesn't do	don't know	missing	.K	.K	missing
Doesn't do	missing	missing	.A	.A	missing
missing	missing	missing	.A	.A	missing

V#var2 coding

Any difficulty?	Due to health or physical problem?	How much difficulty?	New var: level of difficulty		Comments
V#varA	V#varB	V#varC	V#var2		
No	any value	any value	None		None
Yes	any value	Some	Some		Some
Yes	any value	Much	Much		Much
Yes	any value	Unable	Unable		Unable
Yes	any value	don't know	.K		don't know level of difficulty
Yes	any value	missing	.A		missing difficulty
Doesn't do	No	any value	None		doesn't do for other reasons
Doesn't do	Yes	any value	Unable		unable due to health/physical
Doesn't do	don't know	missing	.K		missing
Doesn't do	missing	missing	.A		missing
missing	missing	missing	.A		missing

A 5-variable and 6-variable pair of summary variables are created.

Summary index 1: Sum of 5 or 6 V#varR1 variables.

Summary index 2: Sum of 5 or 6 V#var2 variables.

The naming convention is V#fxst51 and v#fxst52 or V#fxst61 and V#fxst62.

The 5-variables are coded:

V#wlkR1 + V#clbR1 + V#ckR1 + V#hhR1 + V#shR1

Where all 5 variables have to be non-missing or if 4 of 5 are non-missing, the sum is standardized to 5 (e.g. \* 5/4)

V#wlk2 + V#clb2 + V#ck2 + V#hh2 + V#sh2

Where all 5 variables have to be non-missing or if 4 of 5 are non-missing, the sum is standardized to 5 (e.g. \* 15/12)

The 6-variables are coded:

V#wlkR1 + V#clbR1 + V#ckR1 + V#hhR1 + V#shR1 + V#stpR1

Where all 6 variables have to be non-missing or if 5 of 6 are non-missing, the sum is standardized to 6 (e.g. \* 6/5)

V#wlk2 + V#clb2 + V#ck2 + V#hh2 + V#sh2 + V#stp2

Where all 6 variables have to be non-missing or if 5 of 6 are non-missing, the sum is standardized to 6 (e.g. \* 18/15)

- Wlk: Do you have any difficulty walking 2 or 3 blocks outside on level ground?  
Clb: Do you have any difficulty climbing up 10 steps without stopping/resting?  
Ck: Do you have any difficulty preparing your own meals? Is difficulty due to health or physical problem or fear of falling?  
Hh: Do you have any difficulty doing heavy housework (like scrubbing floors or washing windows)?  
Sh: Do you have any difficulty doing your own shopping for groceries or clothes?  
Stp: Do you have any difficulty walking down 10 steps?

V#var1 V#varR1 V#var2 are also calculated for other functional status variables that are not used for summary index variables.

**FUNCTIONAL STATUS**

These questions are about how well you are able to do certain activities -- by yourself and without using special aids or equipment.

<p>a. Do you have ANY difficulty [activity]?</p> <p>IF "DOESN'T DO" ASK: Is this because of a health or physical problem or fear of falling?</p>	<p>1. Walking 2 or 3 blocks outside on level ground?</p> <p><b>V1WLKAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear falling</p> <p><b>V1WLKC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>	<p>2. Climbing up 10 steps without stopping?</p> <p><b>V1CLBAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear falling</p> <p><b>V1CLBC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>	<p>3. Walking down 10 steps?</p> <p><b>V1STPAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear falling</p> <p><b>V1STPC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>	<p>4. Preparing your own meals?</p> <p><b>V1CKAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear falling</p> <p><b>V1CKC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>	<p>5. Doing heavy housework (like scrubbing floors or washing windows)?</p> <p><b>V1HHAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear falling</p> <p><b>V1HHC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>	<p>6. Doing your own shopping for groceries or clothes?</p> <p><b>V1SHAB</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Doesn't do for other reason</p> <p><input type="checkbox"/> Yes, difficulty</p> <p><input type="checkbox"/> Doesn't do health</p> <p><input type="checkbox"/> Doesn't do fear</p> <p><b>V1SHC</b></p> <p>( <input type="checkbox"/> no difficulty)</p> <p><input type="checkbox"/> some difficulty</p> <p><input type="checkbox"/> much difficulty</p> <p><input type="checkbox"/> or are you unable to do it?</p> <p><input type="checkbox"/> don't know</p>						
<p>c. Do you receive help from another person when [activity]?</p>	<p><b>V1WLKE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>	<p><b>V1CLBE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>	<p><b>V1STPE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>	<p><b>V1CKE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>	<p><b>V1HHE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>	<p><b>V1SHE</b></p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes, help</p>						
<p>V1WLKR1</p> <p>V1WLK1</p> <p>V1WLK2</p>							<p>V1CLBR1</p> <p>V1CLB1</p> <p>V1CLB2</p>	<p>V1STPR1</p> <p>V1STP1</p> <p>V1STP2</p>	<p>V1CKR1</p> <p>V1CK1</p> <p>V1CK2</p>	<p>V1HHR1</p> <p>V1HH1</p> <p>V1HH2</p>	<p>V1SHR1</p> <p>V1SH1</p> <p>V1SH2</p>	<p>V1FXST51</p> <p>V1FXST52</p> <p>V1FXST61</p> <p>V1FXST62</p>