PRRS v1 Administration and Scoring Guidelines

Administration:

The PRRS is designed for patient self-administration. Patients should be instructed to read the brief directions at the top of the page. After the patient's correct understanding has been confirmed, he/she should be encouraged to complete every item in order without skipping any. Some patients may feel that a given question is not applicable to them and will therefore skip the item altogether. **Patients should be encouraged to circle the response that is most applicable.** If, for example, a patient does not have any caregiving responsibilities, they should circle "not at all" to the question "I am less able to fulfil my caregiving responsibilities".

Only patients who are **currently employed** (including those who are still employed but are on long-term sick leave) should complete the Jobs and Career subscale.

It is likely that the PRRS is appropriate for interview administration by appropriately trained interviewers however the psychometric properties and statistical equivalence have not been tested across mode of administration (self vs. interview).

Scoring the PRRS:

The PRRS scoring guide identifies those items that must be reversed before being added to obtain subscale totals. Negatively stated items are reversed by subtracting the response from "4". After reversing proper items, all subscale items are summed to a total, which is the subscale score with higher scores indicated better QOL. A total score can be calculated as the sum of the un-weighted three core subscale scores: Responsibility and Social Life; Family Wellbeing; and Financial Wellbeing. The Jobs and Career subscale should be treated as a standalone score and not included in any total score.

Handling missing items:

If there are missing items, subscale scores can be prorated. This is done by multiplying the sum of the subscale by the number of items in the subscale, then dividing by the number of items actually answered. This can be done on the scoring guide or by using the formula below:

Prorated subscale score = [Sum of item scores] x [N of items in subscale] ÷ [N of items answered]

When there are missing data, prorating by subscale in this way is acceptable as long as **more than** 50% of the items were answered (e.g., a minimum of 3 of 5 items, 4 of 6 items, etc). The total score is then calculated as the sum of the un-weighted three core subscale scores: Responsibility and Social Life; Family Wellbeing; and Financial Wellbeing. The **overall item response rate** should be greater than 80% (i.e. at least 13 of 16 core CRRS items completed). This is not to be confused with individual subscale item response rate, which allows a subscale score to be prorated for missing items if greater than 50% of items are answered. In addition, a total score should only be calculated if ALL of the component subscales have valid scores. The Jobs and Career subscale should be treated as a standalone score and not included in any total score.

PRRS v1 Scoring Guidelines (Version 1)

1. Record answers in "item response" column. If missing, mark with an X
2. Perform reversals as indicated, and sum individual items to obtain a score
3. Multiply the sum of the item scores by the number of items in the subscale, then divide by the number of items answered. This produces the subscale score.
4. Add subscale scores to derive total PRRS-16 score. Note, the Jobs and Careers subscale is not included in the total score. ***The higher the score, the better the QOL.***

e.g. The negatively stated item PL1 "My illness interferences with performing my responsibilities at home" is reverse scored, so an item response "4" would receive an item score 4 – 4 = 0.

Subscale	Item Code	Reverse Item?	Item Response		Item Score
Responsibilities and Social Life	PL1	4 -	_____	=	_____
	PL3	4 -	_____	=	_____
	PL4	4 -	_____	=	_____
	PL5	4 -	_____	=	_____
	PL13	4 -	_____	=	_____

Subscale score
Score range 0-20

Sum individual scores:	_____
Multiply by 5:	_____
Divide by number of items answered:	_____

Subscale	Item Code	Reverse Item?	Item Response		Item Score
Family Wellbeing	PL6	4 -	_____	=	_____
	PL7	4 -	_____	=	_____
	PL8	4 -	_____	=	_____
	PL9	4 -	_____	=	_____
	PL11	4 -	_____	=	_____

Subscale score
Score range 0-20

Sum individual scores:	_____
Multiply by 5:	_____
Divide by number of items answered:	_____

Subscale	Item Code	Reverse Item?	Item Response		Item Score
Financial Wellbeing	FT11	0 +	_____	=	_____
	FT3	4 -	_____	=	_____
	PF4	4 -	_____	=	_____
	PF3	4 -	_____	=	_____
	PF5	4 -	_____	=	_____
	PF6	4 -	_____	=	_____

Subscale score
Score range 0-24

Sum individual scores: _____

Multiply by 6: _____

Divide by number of items answered: _____

Subscale	Item Code	Reverse Item?	Item Response		Item Score
Jobs and Career*	PE2	4 -	_____	=	_____
	PE3	0 +	_____	=	_____
	PE4	0 +	_____	=	_____
	PE5	4 -	_____	=	_____
	FT9	4 -	_____	=	_____
	PE6	4 -	_____	=	_____
	PE7	0 +	_____	=	_____

Subscale score
Score range 0-28

Sum individual scores: _____

Multiply by 7: _____

Divide by number of items answered: _____

* Only completed by those in current employment

TOTAL SCORE*:

Score range 0-64   _____   +   _____   +   _____   =   **_____**   =   **PRRS-16**

(**Responsibilities** score)   (**Family** score)   (**Financial** score)

* The Jobs and Career subscale should be treated as a standalone score and not included in any total score