Scoring for Pediatric Epilepsy Medication Self-Management Questionnaire (PEMSQ)


Instructions

Step 1: Item-by-Item Responses
Please check the data for missing responses.

Note: If participants choose multiple response choices for the same question or they skip a question, do not assign the question a response value (i.e., leave it blank) and consider it missing.

Step 2: Scoring

Items 1-18; 1=Strongly Disagree; 2=Disagree; 3= Neither Agree Nor Disagree); 4 = Agree; 5=Strongly Agree
Score items 1 – 18 as follows: 1=1, 2=2, 3=3, 4=4, 5=5

Item 19; 1=Never; 2=Seldom; 3=Sometimes; 4=Often; 5=Always
Score item 19 as follows: 1=1, 2=2, 3=3, 4=4, 5=5

Step 3: Reverse Scoring
Please reverse score items 20 – 27 from the Barriers to Treatment section. Score as follows: 1 (Never) = 5, 2 (Seldom) = 4, 3 (Sometimes) = 3, 4 (Often) = 2, 5 (Always) = 1
Example: If a participant responded never to item 20, their score would be a 5.

Step 4: Missing Items
In order for the measure to meet criteria for scoring:
- The participant must complete at least 5 of 8 questions from the following scales: Disease and Treatment Knowledge and Expectations, Adherence to Medications & Clinical Appointments, and Barriers to Treatment
- At least 2 of 3 questions from the Beliefs about Medication Efficacy scale should be completed
- To calculate a Total Score, at least 15 of 27 items should be completed

To obtain a score for the missing items we will complete a mean substitution:
- Please calculate the mean of the items completed and substitute that result for the missing scores.
  - See example below

Once data has been checked in full and missing items have been addressed, please complete Worksheet A to obtain all scaled scores.
### Scaled Scores Worksheet A

#### Disease (Epilepsy) and Treatment Knowledge and Expectations

1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____
8. ____

Sum item scores: 1 - 8 = ____

#### Adherence to Medications & Clinic Appointments

9. ____
10. ____
11. ____
12. ____
13. ____
14. ____
15. ____
16. ____

Sum item scores: 9 - 16 = ____

#### Beliefs about Medication Efficacy

17. ____
18. ____
19. ____

Sum item scores: 17 - 19 = ____

#### Barriers to Treatment

20. ____ (Reverse scored = ____)
21. ____ (Reverse scored = ____)
22. ____ (Reverse scored = ____)
23. ____ (Reverse scored = ____)
24. ____ (Reverse scored = ____)
25. ____ (Reverse scored = ____)
26. ____ (Reverse scored = ____)
27. ____ (Reverse scored = ____)

Sum reverse scored items: 20 - 27 = ____

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### Missing Response Example

#### Disease (Epilepsy) and Treatment Knowledge and Expectations

1. __
2. __ In order to obtain a value for item 6: Sum Scores for Items 1, 2, 3, 4, 5, 7, 8 = 15/7 (total) = 2.2
3. __
4. __
5. __
6. __ = 2
7. __ *Round to account for decimal.
8. __ .5 & above = round up

Sum item scores: 1 - 8 = ____

Plug original responses and mean substitution value into equation.

\[ 2 + 1 + 1 + 3 + 2 + 2 + 4 + 4 = 19 \]