

Scoring of the EOSQ-24

Scales and Items

Scale/Item Name (and Abbreviation)		Number of Items
Child's Health Related Quality of Life		16
	General Health (GH)	2
	Pain/Discomfort (PD)	2
	Pulmonary Function (PF)	2
	Transfer (TF)	1
	Physical Function (PH)	3
	Daily Living (DL)	2
	Fatigue/Energy Level (FE)	2
	Emotion (EM)	2
Family Impact		6
	Parental Impact (PI)	5
	Financial Impact (FI)	1
Satisfaction		2
	Child Satisfaction (CS)	1
	Parent Satisfaction (PS)	1
TOTAL		24

General Health (GH)		
Item	Response Choices	Item Values
1. In general, you would say your child's health has been:	Poor Fair Good Very good Excellent	1 2 3 4 5
2. How often has your child been sick?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Pain/Discomfort (PD)		
Item	Response Choices	Item Values
3. How often has your child had pain/discomfort?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
4. How severe has your child's pain/discomfort been?	Very Severe Severe Moderate Mild No Pain	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Pulmonary Function (PF)		
Item	Response Choices	Item Values
5. How difficult has it been for your child to cry/babble/speak (appropriate for age) without experiencing shortness of breath?	Difficult Somewhat Difficult Neutral Somewhat easy Easy	1 2 3 4 5
6. How often has your child experienced shortness of breath during activities?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Transfer (TF)		
Item	Response Choices	Item Values
7. How often has your child's health condition limited his/her access to places?	All of the time	1
	Most of the time	2
	Some of the time	3
	A small amount of the time	4
	None of the time	5
Scale Scoring		
1. Create raw scores by recording the item value for those respondents who completed the one item; set missing those respondents who answered no items.		
2. Transform the value of the item choice to standardized 0 to 100 score using the following algorithm: $\frac{(\text{Value of Item Choice} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Physical Function (PH)		
Item	Response Choices	Item Values
8. How difficult has it been for your child to move his/her upper body?	Difficult	1
	Somewhat Difficult	2
	Neutral	3
	Somewhat easy	4
	Easy	5
9. How difficult has it been for your child to sit up on his/her own?	Difficult	1
	Somewhat Difficult	2
	Neutral	3
	Somewhat easy	4
	Easy	5
10. How difficult has it been for your child to keep his/her balance while crawling, walking, or running?	Difficult	1
	Somewhat Difficult	2
	Neutral	3
	Somewhat easy	4
	Easy	5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of items answered for those respondents who completed two items or more; set missing for those respondents who answered one or no items.		
2. Transform the algebraic mean of the items answered to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of items answered} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Daily Living (DL)		
Item	Response Choices	Item Values
11. How difficult has it been for your child to dress him/herself or assist with dressing?	Difficult Somewhat Difficult Neutral Somewhat easy Easy	1 2 3 4 5
12. My child needs more time than a healthy child to eat the same amount of food.	Strongly Agree Inclined to agree Neither Inclined to disagree Strongly disagree	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Fatigue/Energy Level (FE)		
Item	Response Choices	Item Values
13. How often has your child had fatigue?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
14. How difficult has it been for your child to keep up his/her energy all day?	Difficult Somewhat Difficult Neutral Somewhat easy Easy	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Emotion (EM)		
Item	Response Choices	Item Values
15. How often has your child felt anxious/ nervous due to his/her health condition?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
16. How often has your child felt frustrated due to his/her health condition?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Parental Impact (PI)		
Item	Response Choices	Item Values
17. How often have you felt anxious/nervous about his/her health condition?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
18. How often has your child's health condition interfered with family activities?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5
19. How much has your child's health condition affected your energy level?	Extremely A lot Some A little Not at all	1 2 3 4 5
20. How often have you missed or have you been late for work or social events due to your child's health condition?	All of the time Most of the time Some of the time A small amount of the time None of the time	1 2 3 4 5

21. Have you been able to spend enough time with your family/partner/spouse despite your child's health condition?	None of the time A little of the time Some of the time Most of the time All of the time	1 2 3 4 5
Scale Scoring		
1. Create raw scores by computing the algebraic mean of the items answered for those respondents who completed three items or more; set missing for those respondents who answered one, two, or no items.		
2. Transform the algebraic mean of the items answered to standardized 0 to 100 scores using the following algorithm: $\frac{(\text{algebraic mean of items answered} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Financial Impact (FI)		
Item	Response Choices	Item Values
22. How much of a financial burden has your child's diagnosis of Early Onset Scoliosis been?	Extreme Burden Quite a burden Moderate burden A little bit of a burden No burden	1 2 3 4 5
Scale Scoring		
1. Create raw scores by recording the item value for those respondents who completed the one item; set missing for those respondents who answered no items.		
2. Transform the value of the item choice to standardized 0 to 100 score using the following algorithm: $\frac{(\text{Value of Item Choice} - 1)}{4} * 100$		
3. Transformed scores should be 0 to 100		

Satisfaction (SAT)		
Item	Response Choices	Item Values
23. How satisfied is your child with his/her ability to do things?	Very dissatisfied Dissatisfied Neutral Satisfied Very satisfied	1 2 3 4 5
24. How satisfied are you with your child's ability to do things?	Very dissatisfied Dissatisfied Neutral Satisfied Very satisfied	1 2 3 4 5
1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.		
2. Transform the algebraic mean of the two items to standardized 0 to 100 scores using the following		

algorithm:

$$\frac{(\text{algebraic mean of the two items} - 1)}{4} * 100$$

3. Transformed scores should be 0 to 100

1. Create raw scores by computing the algebraic mean of the two items for those respondents who completed one item or more; set missing for those respondents who answered no items.