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Importance ratings on patient-reported outcome items for survivorship care: comparison between pediatric cancer survivors, parents, and clinicians

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**Online Supplement**

A list of items in the PROMIS Pediatric item banks that were evaluated in this study, and % of participants who rated as importance

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| --- | --- | --- | --- |
| **Pain Interference Item Bank** | **Children (N=101)** | **Parents (N=101)** | **Clinician (N=36)** |
| I felt angry when I had pain\* | 38.6% | 43.6% | 24.3% |
| I had trouble doing schoolwork when I had pain\* | 47.5% | 51.5% | 29.7% |
| I had trouble sleeping when I had pain | 59.4% | 61.4% | 81.1% |
| It was hard for me to pay attention when I had pain | 38.6% | 49.5% | 59.5% |
| It was hard for me to run when I had pain\* | 27.7% | 17.8% | 13.5% |
| It was hard for me to walk one block when I had pain | 20.8% | 8.9% | 18.9% |
| It was hard to have fun when I had pain\* | 34.7% | 26.7% | 35.1% |
| It was hard to stay standing when I had pain | 33.7% | 23.8% | 13.5% |
| I hurt a lot\* | 52.5% | 48.5% | 54.1% |
| I hurt all over my body | 39.6% | 41.6% | 18.9% |
| I missed school when I had pain | 49.5% | 51.5% | 78.4% |
| It was hard for me to remember things when I had pain\* | 23.8% | 29.7% | 8.1% |
| It was hard to get along with other people when I had pain\* | 23.8% | 23.8% | 18.9% |
| It was hard for me to be away from home because I had pain\* | 27.7% | 19.8% | 27.0% |
| It was hard to have fun with friends because I was in pain\* | 38.6% | 32.7% | 56.8% |
| I needed help walking when I was in pain\* | 20.8% | 26.7% | 16.2% |
| I walked carefully when I was in pain | 25.7% | 15.8% | 67.6% |
| I had so much pain I had to stop what I was doing | 55.4% | 49.5% | 13.5% |
| My pain was so bad that I needed to take medicine to treat it | 55.4% | 58.4% | 75.7% |
| It was hard to do things with my family because I had pain\* | 29.7% | 38.6% | 43.2% |
| **Fatigue Item Bank** | **Children (N=101)** | **Parents (N=101)** | **Clinician (N=36)** |
| I got tired easily\* | 41.2% | 42.6% | 23.7% |
| It was hard for me to get out of bed in the morning because I was too tired\* | 45.1% | 36.6% | 42.1% |
| I felt too tired to spend time with my friends | 18.6% | 20.8% | 39.5% |
| I felt more tired than usual when I woke up in the morning\* | 36.3% | 33.7% | 26.3% |
| I felt tired | 52.0% | 28.7% | 60.5% |
| I needed to sleep during the day | 39.2% | 41.6% | 71.1% |
| I was too tired to enjoy the things I like to do | 38.2% | 39.6% | 57.9% |
| I was too tired to watch television\* | 13.7% | 16.8% | 15.8% |
| I was too tired to eat\* | 23.5% | 20.8% | 26.3% |
| I was too tired to take a bath or shower\* | 18.6% | 13.9% | 18.4% |
| I was too tired to do things outside\* | 23.5% | 28.7% | 21.1% |
| I was so tired it was hard for me to pay attention | 53.9% | 40.6% | 23.7% |
| I was so tired it was hard for me to focus on my work\* | 43.1% | 39.6% | 26.3% |
| Being tired made it hard for me to play or go out with my friends as much as I’d like\* | 30.4% | 28.7% | 42.1% |
| I felt weak | 52.9% | 39.6% | 18.4% |
| Being tired kept me from having fun | 34.3% | 17.8% | 31.6% |
| I had trouble starting things because I was too tired\* | 29.4% | 23.8% | 23.7% |
| I had trouble finishing things because I was too tired\* | 41.2% | 37.6% | 42.1% |
| I was too tired to go up and down a lot of stairs\* | 13.7% | 24.8% | 18.4% |
| I was too tired to go out with my family\* | 22.5% | 15.8% | 34.2% |
| I was too tired to read\* | 13.7% | 11.9% | 5.3% |
| Being tired made it hard for me to keep up with my schoolwork\* | 49.0% | 42.6% | 52.6% |
| I was too tired to do sports or exercise\* | 27.5% | 31.7% | 28.9% |
| **Psychological Stress Item Bank** | **Children (N=101)** | **Parents (N=101)** | **Clinician (N=36)** |
| I felt concerned about what was going on in my life | 33.7% | 49.5% | 43.2% |
| I felt stressed\* | 57.4% | 58.4% | 73.0% |
| Small things upset me\* | 61.4% | 56.4% | 56.8% |
| Everything bothered me\* | 45.5% | 40.6% | 40.5% |
| I felt under pressure\* | 54.5% | 49.5% | 43.2% |
| I felt that my problems kept piling up\* | 35.6% | 31.7% | 54.1% |
| I felt overwhelmed\* | 69.3% | 71.3% | 75.7% |
| I forgot things\* | 48.5% | 38.6% | 32.4% |
| I felt like my thinking was slower than usual\* | 26.7% | 22.8% | 16.2% |
| I felt unable to remember answers, even for questions I knew the answers to\* | 43.6% | 46.5% | 29.7% |
| I felt so upset that I could not remember what happened or what I did\* | 26.7% | 35.6% | 29.7% |
| I had trouble concentrating\* | 48.5% | 48.5% | 59.5% |
| I had trouble making decisions\* | 38.6% | 39.6% | 29.7% |
| I had trouble controlling my thoughts | 39.6% | 26.7% | 21.6% |
| My thoughts went very fast | 20.8% | 7.9% | 24.3% |
| I was slow to react to things | 20.8% | 11.9% | 5.4% |
| I felt unable to react to something that bothered me | 29.7% | 19.8% | 5.4% |
| I felt unable to manage things in my life\* | 30.7% | 31.7% | 45.9% |
| I felt I had too much going on\* | 41.6% | 40.6% | 59.5% |
| **Positive Affect Item Bank** | **Children (N=101)** | **Parents (N=101)** | **Clinician (N=36)** |
| I felt calm | 30.7% | 20.8% | 11.1% |
| I felt peaceful\* | 14.9% | 10.9% | 27.8% |
| I felt satisfied | 29.7% | 14.9% | 27.8% |
| I felt content | 9.9% | 19.8% | 22.2% |
| I felt grateful\* | 23.8% | 18.8% | 8.3% |
| I felt thankful\* | 27.7% | 26.7% | 13.9% |
| I felt positive\* | 37.6% | 30.7% | 25.0% |
| I felt carefree\* | 23.8% | 16.8% | 8.3% |
| I felt relaxed\* | 34.7% | 31.7% | 19.4% |
| I felt comfortable | 31.7% | 33.7% | 13.9% |
| I felt fulfilled\* | 8.9% | 6.9% | 19.4% |
| I felt respected\* | 22.8% | 16.8% | 11.1% |
| I felt appreciated | 32.7% | 28.7% | 8.3% |
| I felt proud\* | 18.8% | 27.7% | 16.7% |
| I had much to be proud about\* | 24.8% | 35.6% | 22.2% |
| I felt pleased\* | 12.9% | 5.9% | 5.6% |
| I felt great | 25.7% | 12.9% | 36.1% |
| I felt cheerful\* | 14.9% | 15.8% | 16.7% |
| I felt happy | 37.6% | 34.7% | 63.9% |
| I had very strong happy feelings\* | 23.8% | 18.8% | 22.2% |
| I felt joyful | 26.7% | 10.9% | 19.4% |
| I felt delighted | 10.9% | 3.0% | 0.0% |
| I smiled a lot\* | 40.6% | 49.5% | 30.6% |
| I laughed a lot\* | 40.6% | 50.5% | 33.3% |
| I was merry\* | 5.9% | 4.0% | 0.0% |
| I was in a good mood\* | 50.5% | 41.6% | 58.3% |
| I was in good spirits\* | 21.8% | 30.7% | 27.8% |
| I felt good\* | 18.8% | 20.8% | 16.7% |
| I felt blissful\* | 1.0% | 2.0% | 2.8% |
| I felt enthusiastic\* | 16.8% | 16.8% | 16.7% |
| I had a lot of energy\* | 40.6% | 37.6% | 33.3% |
| I felt wide awake | 23.8% | 12.9% | 5.6% |
| I felt refreshed | 25.7% | 12.9% | 5.6% |
| I felt active | 30.7% | 30.7% | 8.3% |
| I felt full of pep\* | 12.9% | 14.9% | 22.2% |
| I felt strong | 32.7% | 12.9% | 33.3% |
| I felt healthy\* | 28.7% | 27.7% | 13.9% |

\* Importance rating was not significantly different either between clinicians and children or between parents and children.