Youth participants with myopathies or SMA showed stable quality of life and well-being even if they experienced bullying. Is it because they have higher resilience and better coping skills?

Participants (N=29) • Age: 13.9 ± 2.9 years; Gender: 22 male, 7 female • Diagnoses: Duchenne MD (n=16), Becker’s MD (n=2), Central Core Myopathy (n=1), Congenital Myasthenic Syndrome (n=1), Congenital Myopathy (n=1), Congenital MD (n=2), Mitochondrial Myopathy (n=1), Myotonic Dystrophy (n=4), Spinal Muscular Atrophy (n=1)

Bullying Frequencies

<table>
<thead>
<tr>
<th>At some point in my life</th>
<th>N</th>
<th>Never</th>
<th>Once/twice</th>
<th>3 or 4 times</th>
<th>Every day</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have been bullied</td>
<td>29</td>
<td>5</td>
<td>17.2</td>
<td>11</td>
<td>37.9</td>
</tr>
<tr>
<td>I have been bullied physically</td>
<td>24</td>
<td>5</td>
<td>17.0</td>
<td>3</td>
<td>12.5</td>
</tr>
<tr>
<td>I have been bullied verbally</td>
<td>24</td>
<td>3</td>
<td>12.5</td>
<td>13</td>
<td>54.2</td>
</tr>
<tr>
<td>I have been bullied socially</td>
<td>24</td>
<td>4</td>
<td>16.7</td>
<td>11</td>
<td>45.8</td>
</tr>
</tbody>
</table>

Reasons for Being Bullied – frequency (% of participants)

- Race
  - Latin American or Hispanic: 1
  - Native American: 1
  - African: 4
  - Asian: 3
  - Middle Eastern: 1
  - Mixed: 1
  - Caucasian: 1
- Gender
  - Male: 24
  - Female: 7
- Appearance
  - Tall: 16
  - Short: 6
- Religion
  - Catholic: 9
  - Protestant: 8
  - Jewish: 1
  - Muslim: 1
- Income
  - $30K-50K: 4
  - $50K-70K: 6
  - $70K-90K: 4
  - $90K-110K: 11
- School marks
  - 70-79: 5
  - 80-89: 8
  - 90-99: 4
- Disability
  - Walker: 3
  - Wheelchair: 2
  - Cerebral Palsy: 1
  - Spina Bifida: 1
- Personality
  - Friendly: 9
  - Shy: 7
  - Dominant: 7
  - Aggressive: 6

Correlations

<table>
<thead>
<tr>
<th></th>
<th>QoL</th>
<th>E</th>
<th>P</th>
<th>O</th>
<th>C</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bullied in my life</td>
<td>-0.36 (0.05)</td>
<td>0.07 (0.70)</td>
<td>-0.10 (0.62)</td>
<td>0.22 (0.25)</td>
<td>0.22 (0.26)</td>
<td>0.08 (0.66)</td>
</tr>
<tr>
<td>Physically bullied in my life</td>
<td>-0.01 (0.96)</td>
<td>0.24 (0.25)</td>
<td>-0.24 (0.82)</td>
<td>0.03 (0.89)</td>
<td>-0.32 (0.13)</td>
<td>0.25 (0.24)</td>
</tr>
<tr>
<td>Verbally bullied in my life</td>
<td>-0.17 (0.42)</td>
<td>-0.10 (0.68)</td>
<td>-0.18 (0.02)</td>
<td>0.16 (0.40)</td>
<td>-0.24 (0.25)</td>
<td>0.05 (0.83)</td>
</tr>
<tr>
<td>Socially bullied in my life</td>
<td>-0.30 (0.15)</td>
<td>-0.39 (0.47)</td>
<td>-0.01 (0.96)</td>
<td>0.35 (0.10)</td>
<td>0.09 (0.67)</td>
<td>0.12 (0.57)</td>
</tr>
</tbody>
</table>

P<0.05

• Significantly lower perseverance was associated with higher rates of verbal bullying.
- We hypothesize a mediating factor contributes to the lack of changes in QoL and well-being.
  o A systematic review reported lower QoL and well-being in school-aged youth who were bullied.
  o However, youth with chronic illnesses often exhibit no psychosocial risk factors and are resilient.

Does this explain participants’ stable QoL and well-being even when they experience bullying?