

The balancing act of paid work and caregiving in Duchenne muscular dystrophy (DMD): Results from a cross-sectional survey

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Supplemental material

WPAI questionnaire: Scoring

- The WPAI questionnaire assesses the impact of health conditions on ability to work and perform regular activities
- The WPAI:DMD CAREGIVER is adapted for caregivers of people with DMD
- Caregivers are asked how their child's DMD impacted their ability to work and perform regular activities in the last seven days

6 questions are asked on the following variables:

- Q1 = currently employed or working for pay (Y/N)
- Q2 = hours missed due to health problems (continuous)
- Q3 = hours missed due to other reasons (continuous)
- Q4 = hours actually worked (continuous)
- Q5 = degree child's DMD affected productivity while working (scale of 0 to 10)
- Q6 = degree child's DMD affected regular activities (scale of 0 to 10)

Scores are then calculated as follows:

1. Percent work time missed (absenteeism): $Q2/(Q2+Q4)$
 2. Percent impairment while working (presenteeism): $Q5/10$
 3. Percent overall work impairment (absenteeism plus presenteeism*): $Q2/(Q2+Q4)+[(1-(Q2/(Q2+Q4))x(Q5/10)]$
 4. Percent activity impairment: $Q6/10$
- Scores are multiplied by 100 to express in percentages
 - Higher WPAI scores indicate greater impairment and less productivity

*Overall work impairment is described as absenteeism + presenteeism, but the equation is an 'or' calculation: $\text{absenteeism} + [(1-\text{absenteeism}) \times \text{presenteeism}]$

Scan the QR code for more information on WPAI scoring

The QR code is intended to provide scientific information for individual reference, and the information should not be altered or reproduced in any way.
http://www.reillyassociates.net/WPAI_Scoring.html

