Supplementary Material 5: PedsQL Family Impact Module (FIM) Scores of Caregivers of children with chronic conditions

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|  | Tracheostomy (meta-analysis) | Sickle cell disease(SCD) (1) | Child with renal transplant (2) | Chronic pain (3) | Children with cancer undergoing chemotherapy (4) | Nephrotic syndrome(5) | Asthma (6) | Heart disease (6) |
| Age of childrenMedian, Mean, number in age range |  | Median 10.0 (5.0, 14.0) | Median 14.6 (4.4–17.8) | Mean 13.74 (2.71) | 2-4 yr: 335-7yr: 168-12yr: 2813-18yr: 18 | Mean 6.6 (3.17) | 2-4yr: 595-7yr: 428-12yr: 3113-18yr: 4 | 2-4yr: 1165-7yr: 618-12yr: 4313-18yr: 44 |
| Total Family Impact Score  | Mean (95% CI): 70.29 (61.20-79.37) | Mild SCD Mean 79.1(18.3) | Severe SCD Mean 71.53 (20.0) | Mean 74.8 (19.9) | MothersMean 64.68 (19.54) | FathersMean 67.89 (17.88) | In-patient: Mean 67.60 (13.53) | Out-patient: Mean 56.43 (16.27) | Mean 72.4 (22.6) | Mean 78.01 (18.2) | Mean 71.9 (22.1) |
| Parent HRQOL Score Mean (95% CI or SD)  | 69.27 (95% CI 60.88-77.67) | Mean 79.1 (21.2) | Mean 72.7 (18.9) | Mean 72.1 (19.5) | Mean 67.44 (20.73) | Mean 73.47 (17.98) | Mean 72.20 (13.86) | Mean 62.18 (17.07) | Mean 72.7 (24.1) | Mean 78.23 (21.3) | Mean 73.4 (23.1) |
| Family Functioning ScoreMean (95% CI or SD)  | 72.96 (95% CI 65.92-80.00) | Mean 81.2 (22.7) | Mean 75 (28.6) | Mean 77.2 (23.6) | Mean 66.10 (23.41) | Mean 65.14 (23.31) | Mean 67.46 (21.77) | Mean 56.25 (22.35) | Mean 75.0 (21.4) | Mean 82.8 (16.4) | Mean 76.0 (25.6) |
| Physical FunctioningMean (95% CI or SD)  |  | Mean 69.4667 (32.0) | Mean 65.3 (20.7) |  |  |  |  |  | Mean 71.5 (23.7) | Mean 76.04 (27.3) | Mean 75 (24.9) |
| Emotional Functioning Mean (95% CI or SD)  |  | Mean 83.3 (23.0) | Mean 73.3 (22.9) |  |  |  |  |  | Mean 73.3 (38.0) | Mean 78.3 (26.3) | Mean 73.3 (26.1) |
| Social Functioning Mean (95%CI or SD)  |  | Mean 87.5 (24.0) | Mean 82.3 (31.0) |  |  |  |  |  | Mean 79.1 (33.3) | Mean 81.25 (28.1) | Mean 75 (28.0) |
| Cognitive FunctioningMean (95% CI or SD)  |  | Mean 84.1667 (30.6) | Mean 73.6 (27.3) |  |  |  |  |  | Mean 75 (26.6) | Mean 80 (30.0) | Mean 76.7 (26.1) |
| Communication Mean (95% CI or SD)  |  | Mean 87.5 (25.5) | Mean 75 (31.8) |  |  |  |  |  | Mean 83.3 (25.3) | Mean 91.7 (18.7) | Mean 77.8 (31.1) |
| Worry Mean (95% CI or SD)  |  | Mean 75.8 (38.3) | Mean 58.3 (30.5) |  |  |  |  |  | Mean 61.7 (30.4) | Mean 66.7 (28.1) | Mean 61.25 (25.2) |
| Daily Activities Mean (95% CI or SD)  |  | Mean 77.7 (31.9) | Mean 69.5 (31.8) |  |  |  |  |  | Mean 65.3 (34.8) | Mean 66.7 (25.0) | Mean 69.4 (31.1) |
| Family Relationships Mean (95% CI or SD)  |  | Mean 82.5 (28.7) | Mean 80 (30.5) |  |  |  |  |  | Mean 82.5 (28.5) | Mean 90 (18.7) | Mean 81.7 (26.1) |

NB: The median values from original articles were converted to mean and SD according to methods prescribed by Wang W, Liu J, et al 2104.(7)

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