

eSupplement 5. Parent PedEyeQ domain scores for parents of 5- to 11-year-olds with different eye conditions, showing comparison with parents of visually normal controls

| Eye condition ^a | N | Impact on Parent and Family | | Worry about Child's Eye Condition | | Worry about Child's Self-perception and Interactions | | Worry about Child's Functional Vision | |
|----------------------------|-----|-----------------------------|--|-----------------------------------|--|--|--|---------------------------------------|--|
| | | Median (range) P value | Mean difference from controls (95% CI) | Median (range) P value | Mean difference from controls (95% CI) | Median (range) P value | Mean difference from controls (95% CI) | Median (range) P value | Mean difference from controls (95% CI) |
| Control | 105 | 100 (85-100) | | 100 (40-100) | | 100 (64-100) | | 100 (50-100) | |
| Amblyopia | 103 | 85 (35-100) <0.001 | -18 (-21 to -15) | 60 (0-100) <0.001 | -40 (-45 to -35) | 71 (7-100) <0.001 | -27 (-31 to -23) | 63 (0-100) <0.001 | -36 (-41 to -30) |
| Cataract | 44 | 87 (45-100) <0.001 | -16 (-20 to -11) | 60 (10-100) <0.001 | -36 (-43 to -29) | 79 (21-100) <0.001 | -25 (-32 to -17) | 69 (6-100) <0.001 | -28 (-36 to -21) |
| Cornea | 7 | 90 (65-100) <0.001 | -12 (-15 to -9) | 70 (30-80) <0.001 | -35 (-54 to -15) | 86 (57-100) <0.001 | -15 (-19 to -11) | 81 (50-87) <0.001 | -22 (-37 to -8) |
| CVI | 17 | 65 (20-100) <0.001 | -35 (-48 to -22) | 55 (25-85) <0.001 | -39 (-48 to -31) | 71 (36-100) <0.001 | -29 (-41 to -18) | 50 (25-100) <0.001 | -45 (-56 to -34) |
| Eyelid | 12 | 93 (55-100) <0.001 | -12 (-22 to -2) | 80 (30-100) <0.001 | -26 (-41 to -11) | 71 (21-100) <0.001 | -27 (-43 to -12) | 94 (25-100) <0.001 | -16 (-31 to -1) |
| Glaucoma | 10 | 62 (20-95) <0.001 | -40 (-56 to -25) | 45 (0-65) <0.001 | -59 (-77 to -42) | 54 (7-93) <0.001 | -49 (-69 to -28) | 53 (6-88) <0.001 | -50 (-70 to -31) |
| Nystagmus | 21 | 70 (5-100) <0.001 | -34 (-47 to -22) | 50 (0-90) <0.001 | -48 (-59 to -37) | 64 (7-100) <0.001 | -34 (-48 to -21) | 56 (0-100) <0.001 | -50 (-64 to -35) |
| Orbital | 6 | 75 (50-95) <0.001 | -26 (-45 to -7) | 45 (15-70) <0.001 | -54 (-78 to -31) | 54 (7-79) <0.001 | -51 (-79 to -22) | 44 (12-94) <0.001 | -51 (-85 to -18) |
| Refractive error | 55 | 100 (55-100) <0.001 | -7 (-10 to -3) | 80 (35-100) <0.001 | -21 (-26 to -16) | 86 (7-100) <0.001 | -15 (-20 to -10) | 87 (12-100) <0.001 | -19 (-25 to -13) |
| Retina | 26 | 78 (0-100) <0.001 | -28 (-39 to -17) | 42 (5-100) <0.001 | -55 (-66 to -45) | 64 (0-100) <0.001 | -38 (-50 to -25) | 44 (0-94) <0.001 | -52 (-64 to -40) |
| Strabismus | 130 | 90 (30-100) <0.001 | -14 (-17 to -11) | 65 (5-100) <0.001 | -37 (-41 to -33) | 71 (0-100) <0.001 | -30 (-34 to -25) | 69 (6-100) <0.001 | -32 (-37 to -27) |
| Uveitis | 6 | 75 (25-90) <0.001 | -37 (-67 to -7) | 38 (25-50) <0.001 | -59 (-70 to -47) | 86 (29-100) <0.001 | -24 (-31 to -18) | 72 (13-100) <0.001 | -36 (-44 to -28) |

^aFewer than 5 children with pupil/iris conditions completed questionnaires, and therefore were not analyzed.