

eSupplement 6. Child 12–17 year PedEyeQ domain scores across different eye conditions, showing comparison with visually normal controls

Eye Condition <sup>a</sup>	N	Functional Vision		Bothered by Eyes/Vision		Social		Frustration/Worry	
		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	60	100 (80-100)		100 (80-100)		100 (95-100)		100 (78-100)	
Amblyopia	31	90 (45-100) <0.001	-15 (-21 to -9)	95 (10-100) <0.001	-19 (-28 to -9)	100 (35-100) <0.001	-8 (-14 to -2)	78 (22-100) <0.001	-23 (-30 to -15)
Cataract	13	90 (35-100) <0.001	-22 (-37 to -6)	90 (30-100) <0.001	-23 (-38 to -7)	90 (5-100) <0.001	-25 (-46 to -5)	78 (44-100) <0.001	-25 (-36 to -13)
Cornea	6	85 (75-100) 0.001	-12 (-16 to -8)	83 (75-100) <0.001	-15 (-20 to -11)	93 (70-100) <0.001	-12 (-14 to -9)	78 (56-89) <0.001	-22 (-37 to -7)
CVI	10	63 (35-80) <0.001	-38 (-49 to -27)	73 (25-100) <0.001	-33 (-49 to -16)	85 (65-100) <0.001	-15 (-24 to -6)	67 (28-83) <0.001	-36 (-49 to -23)
Eyelid	6	97 (60-100) 0.047	-11 (-15 to -6)	100 (75-100) = 0.043	-9 (-13 to -5)	100 (95-100) = 0.047	-1 (-2 to -1)	86 (61-94) <0.001	-18 (-30 to -5)
Glaucoma	8	75 (60-95) <0.001	-20 (-30 to -11)	80 (45-100) <0.001	-24 (-39 to -8)	93 (85-95) <0.001	-9 (-12 to -5)	64 (33-100) <0.001	-34 (-50 to -18)
Nystagmus	13	60 (10-100) <0.001	-40 (-56 to -25)	60 (5-100) <0.001	-45 (-61 to -28)	75 (35-100) <0.001	-30 (-44 to -16)	61 (6-83) <0.001	-41 (-53 to -28)
Orbital	6	70 (55-90) <0.001	-26 (-39 to -14)	80 (35-90) <0.001	-30 (-47 to -12)	55 (40-95) <0.001	-35 (-54 to -19)	58 (50-83) <0.001	-36 (-47 to -26)
Refractive error	48	90 (25-100) <0.001	14 (-18 to -9)	90 (30-100) <0.001	-14 (-19 to -9)	100 (55-100) <0.001	-5 (-8 to -2)	78 (22-100) <0.001	-19 (-24 to -14)
Retina	25	70 (5-100) <0.001	-30 (-39 to -21)	80 (10-100) <0.001	-30 (-41 to -19)	95 (15-100) <0.001	-18 (-28 to -8)	61 (28-89) <0.001	-34 (-41 to -27)
Strabismus	60	80 (20-100) <0.001	-20 (-25 to -15)	85 (15-100) <0.001	-22 (-27 to -16)	90 (20-100) <0.001	-18 (-23 to -12)	72 (22-100) <0.001	-27 (-32 to -22)
Uveitis	16	77 (40-95) <0.001	-23 (-31 to -16)	85 (15-100) <0.001	-26 (-40 to -12)	88 (20-100) <0.001	-21 (-34 to -7)	58 (11-100) <0.001	-43 (-58 to -28)

<sup>a</sup>Fewer than 5 children with pupil/iris conditions completed questionnaires, and therefore were not analyzed