

**Appendix Table A1.** Baseline refraction and spherical equivalent of unannounced standardized patients.

Unannounced Standardized Patient	Mean spherical power in diopters (range)	Mean cylindrical power in diopters (range)	Mean axis in degrees (range)	PD and NPD in mm (range)	Mean spherical equivalent power ( $\pm$ 2SD)
<b>Da Nang</b>					
<b>1</b>					
<i>Right</i>	-1.33 (-1.25 to -1.50)	-0.08 (0.00 to -0.25)	20 (no range)	64.3 (64 to 65)	-1.38 (-1.63 to -1.13)
<i>Left</i>	-1.25 (no range)	-0.08 (0.00 to -0.25)	47 (no range)		-1.29 (-1.44 to -1.15)
<b>2</b>					
<i>Right</i>	+0.58 (0.00 to +1.00)	-0.67 (0.00 to -1.25)	93 (90 to 95)	61.7 (61 to 62)	+0.25 (-0.18 to +0.68)
<i>Left</i>	+0.67 (0.00 to +1.25)	-0.42 (0.00 to -0.75)	93 (90 to 95)		+0.46 (-0.42 to +1.34)
<i>Near Right</i>	+2.50 (+2.00 to +3.00)	-0.67 (0.00 to -1.25)	93 (90 to 95)	59.0 (58 to 60)	+2.17 (+1.78 to +2.55)
<i>Near Left</i>	+2.58 (+2.00 to +3.00)	-0.42 (0.00 to -0.75)	93 (90 to 95)		+2.38 (+1.47 to +3.28)
<b>3</b>					
<i>Right</i>	+0.83 (+0.50 to +1.00)	-0.42 (0.00 to -0.75)	100 (95 to 105)	60.7 (60 to 61)	+0.63 (-0.13 to +1.38)
<i>Left</i>	+0.58 (+0.25 to +1.00)	-0.42 (0.00 to -0.75)	88 (85 to 90)		+0.38 (-0.29 to +1.04)
<i>Near Right</i>	+2.67 (+2.50 to +3.00)	-0.42 (0.00 to -0.75)	100 (95 to 105)	58.7 (58 to 59)	+2.46 (+2.08 to +2.84)
<i>Near Left</i>	+2.42 (+2.00 to +3.00)	-0.42 (0.00 to -0.75)	88 (85 to 90)		+2.21 (+1.49 to +2.93)
<b>4</b>					
<i>Right</i>	+0.58 (+0.25 to +0.75)	-1.50 (-1.25 to -1.75)	120 (115 to 125)	58.7 (58 to 59)	-0.17 (-0.55 to +0.22)
<i>Left</i>	+0.25 (0.00 to +0.75)	-1.25 (-1.00 to -1.75)	45 (40 to 50)		-0.38 (-0.81 to +0.06)
<b>5</b>					
<i>Right</i>	+0.08 (0.00 to +0.25)	-0.08 (0.00 to -0.25)	175 (no range)	61.7 (61 to 62)	+0.04 (-0.10 to +0.19)
<i>Left</i>	+0.08 (0.00 to +0.25)	-0.08 (0.00 to -0.25)	60 (no range)		+0.04 (-0.10 to +0.19)
<b>Phu Tho</b>					
<b>6</b>					
<i>Right</i>	+1.25 (+1.00 to +1.50)	-1.58 (-1.25 to -2.00)	78 (75 to 80)	61.7 (61 to 62)	+0.46 (+0.31 to +0.60)
<i>Left</i>	+0.83 (+0.75 to +1.00)	-0.75 (-0.50 to -1.00)	98 (95 to 100)		+0.46 (+0.31 to +0.60)
<i>Near Right</i>	+3.17 (+3.00 to +3.50)	-1.58 (-1.25 to -2.00)	78 (75 to 80)	59.3 (58 to 60)	+2.38 (+2.13 to +2.63)
<i>Near Left</i>	+2.75 (+2.50 to +3.00)	-0.75 (-0.50 to -1.00)	98 (95 to 100)		+2.38 (+1.94 to +2.81)
<b>7</b>					
<i>Right</i>	0.00 (no range)	0.00 (no range)	- (no range)	59.7 (59 to 60)	0.00 (0.00)
<i>Left</i>	0.00 (no range)	0.00 (no range)	- (no range)		0.00 (0.00)
<i>Near Right</i>	+1.33 (+1.00 to +1.75)	0.00 (no range)	- (no range)	58.0 (no range)	+1.33 (+0.57 to +2.10)
<i>Near Left</i>	+1.33 (+1.00 to +1.75)	0.00 (no range)	- (no range)		+1.33 (+0.57 to +2.10)
<b>8</b>					
<i>Right</i>	+3.25 (+2.75 to +3.75)	-0.67 (-0.50 to -1.00)	93 (90 to 100)	65.3 (65 to 66)	+2.92 (+2.15 to +3.68)
<i>Left</i>	+3.17 (+2.75 to +3.50)	-0.50 (no range)	100 (90 to 120)		+2.92 (+2.15 to +3.68)
<i>Near Right</i>	+5.17 (+4.75 to 5.50)	-0.67 (-0.50 to -1.00)	93 (90 to 100)	61.7 (61 to 62)	+4.83 (+4.26 to +5.41)

<i>Near Left</i>	+5.08 (+4.75 to +5.25)	-0.50 (no range)	100 (90 to 120)		+4.83 (+4.26 to +5.41)
<b>9</b>					
<i>Right</i>	-2.75 (-2.50 to -3.00)	-0.17 (0.00 to -0.50)	120 (no range)	64.3 (64 to 65)	-2.83 (-3.12 to -2.54)
<i>Left</i>	-0.17 (0.00 to -0.50)	-0.83 (-0.75 to -1.00)	8 (5 to 10)		-0.58 (-1.10 to -0.06)
<b>10</b>					
<i>Right</i>	+0.08 (0.00 to +0.25)	-0.17 (0.00 to -0.50)	80 (no range)	65.0 (64 to 66)	0.00 (0.00)
<i>Left</i>	+0.08 (0.00 to +0.25)	0.00 (no range)	- (no range)		+0.08 (-0.21 to +0.37)
<b>11</b>					
<i>Right</i>	0.00 (no range)	0.00 (no range)	- (no range)	63.3 (63 to 64)	0.00 (0.00)
<i>Left</i>	0.00 (no range)	0.00 (no range)	- (no range)		0.00 (0.00)
<i>Near Right</i>	+1.00 (+0.50 to +1.25)	0.00 (no range)	- (no range)	60.0 (no range)	+1.00 (+0.50 to +1.25)
<i>Near Left</i>	+1.00 (+0.50 to +1.25)	0.00 (no range)	- (no range)		+1.00 (+0.50 to +1.25)
<b>Ho Chi Minh Group A</b>					
<b>12</b>					
<i>Right</i>	-0.25 (0.00 to -0.50)	-0.50 (0.00 to -0.75)	108 (100 to 115)	62.7 (62 to 63)	-0.50 (-0.75 to -0.25)
<i>Left</i>	-0.25 (0.00 to -0.50)	-0.50 (0.00 to -0.75)	85 (80 to 90)		-0.50 (-0.75 to -0.25)
<b>13</b>					
<i>Right</i>	-6.42 (-6.25 to -6.75)	-0.67 (-0.50 to -0.75)	180 (no range)	63.0 (62 to 64)	-6.75 (-7.41 to -6.09)
<i>Left</i>	-5.83 (-5.75 to -6.00)	-1.17 (-1.00 to -1.25)	170 (no range)		-6.42 (-6.80 to -6.03)
<b>14</b>					
<i>Right</i>	+1.00 (+0.75 to +1.25)	0.00 (no range)	- (no range)	67.0 (66 to 68)	+1.00 (+0.50 to +1.50)
<i>Left</i>	+0.67 (+0.50 to +1.00)	-0.25 (0.00 to -0.75)	100 (no range)		+0.54 (+0.40 to +0.69)
<i>Near Right</i>	+2.75 (+2.25 to +3.00)	0.00 (no range)	- (no range)	63.3 (63 to 64)	+2.75 (+1.88 to +3.62)
<i>Near Left</i>	2.42 (+2.00 to +2.75)	-0.25 (0.00 to -0.75)	100 (no range)		+2.29 (+1.77 to +2.81)
<b>15</b>					
<i>Right</i>	-3.58 (-3.50 to -3.75)	-0.58 (-0.50 to -0.75)	170 (165 to 175)	61.3 (61 to 62)	-3.88 (-4.13 to -3.63)
<i>Left</i>	-2.83 (-2.75 to -3.00)	-0.58 (-0.50 to -0.75)	175 (170 to 180)		-3.13 (-3.38 to -2.88)
<b>16</b>					
<i>Right</i>	-7.33 (-7.00 to -7.75)	-0.67 (-0.50 to -0.75)	7 (180 to 15)	62.7 (62 to 63)	-7.67 (-8.54 to -6.79)
<i>Left</i>	-5.33 (-5.25 to -5.50)	-0.75 (-0.50 to -1.00)	167 (165 to 170)		-5.71 (-6.23 to -5.19)
<b>Ho Chi Minh Group A</b>					
<b>17</b>					
<i>Right</i>	-1.83 (-1.75 to -2.00)	0.00 (no range)	- (no range)	62.7 (61 to 64)	-1.83 (-2.12 to -1.54)
<i>Left</i>	-0.58 (-0.25 to -0.75)	-0.67 (-0.50 to -0.75)	93 (90 to 95)		-0.92 (-1.44 to -0.40)
<b>18</b>					
<i>Right</i>	+0.33 (0.00 to +0.75)	-0.17 (0.00 to -0.50)	75 (no range)	62.0 (61 to 63)	+0.25 (-0.25 to +0.75)
<i>Left</i>	+0.08 (0.00 to +0.25)	-0.17 (0.00 to -0.50)	85 (no range)		0.00 (0.00)
<i>Near Right</i>	+1.33 (1.00 to +1.75)	-0.17 (0.00 to -0.50)	75 (no range)	59.3 (59 to 60)	+1.25 (+0.75 to +1.75)
<i>Near Left</i>	+1.08 (+1.00 to +1.25)	-0.17 (0.00 to -0.50)	85 (no range)		+1.00 (+1.00)

<b>19</b>					
<i>Right</i>	+0.75 (+0.50 to +1.25)	-0.42 (0.00 to -0.75)	103 (100 to 105)	60.0 (59 to 61)	+0.54 (-0.09 to +1.17)
<i>Left</i>	+0.58 (0.00 to +1.25)	-0.50 (0.00 to -1.00)	8 (5 to 10)		+0.33 (-0.43 to +1.10)
<i>Near Right</i>	+2.17 (+2.00 to +2.50)	-0.42 (0.00 to -0.75)	103 (100 to 105)	57.7 (56 to 59)	+1.96 (+1.58 to +2.34)
<i>Near Left</i>	+2.17 (+1.50 to +3.00)	-0.50 (0.00 to -1.00)	8 (5 to 10)		+1.92 (+0.88 to +2.96)
<b>20</b>					
<i>Right</i>	0.00 (no range)	0.00 (no range)	- (no range)	61.3 (61 to 62)	0.00 (0.00)
<i>Left</i>	0.00 (no range)	0.00 (no range)	- (no range)		0.00 (0.00)
<i>Near Right</i>	+1.00 (no range)	0.00 (no range)	- (no range)	59.0 (no range)	+1.00 (+1.00)
<i>Near Left</i>	+1.00 (no range)	0.00 (no range)	- (no range)		+1.00 (+1.00)
<b>21</b>					
<i>Right</i>	0.00 (no range)	0.00 (no range)	- (no range)	62.7 (62 to 63)	0.00 (0.00)
<i>Left</i>	0.00 (no range)	0.00 (no range)	- (no range)		0.00 (0.00)

PD = pupillary distance; NPD = near pupillary distance