



Appendix A

Case Findings	Expected
Distance lateral phoria	0.50 Exo
Near lateral phoria	6 Exo
Base-out (distance)	blur/break/recovery:7/19/10
Base-in (distance)	break/recovery: 9/5
Base-out (near)	blur/break/recovery: 15/21/15
Base-in (near)	blur/break/recovery:14/22/18
Negative relative accommodation	+1.75 to +2.00
Positive relative accommodation	-2.25 to -2.50

Table A1: Optometric Extension Program Expected.

Test	Expected Finding
Amplitude of accommodation Push-up test	18 - 1/3 age
Near point of convergence Accommodative target	Break/recovery: 5 cm/7 cm
Gradient AC/A Ratio	4:01
Monocular accommodative facility Adults	(±2.00 flippers, calling out number or letter on Accommodative Rock Card) 13-30 yr old 11.0 cpm
Binocular accommodative facility Adults	(±2.00 flippers,calling out number or letter on Accommodative Rock Card) 13-30 yr old 10.0 cpm
Monocular estimation method retinoscopy	+0.50 D
Vergence facility testing	(12 base- out/ 3 base- in) 15.0 cpm

Table A2: Table of Expected: Binocular Vision Testing (Scheiman and Wick).

Age	Ability	Accuracy	Head Movement	Bodymovement
Sex	M F	M F	M F	M F
≥14	5 5	4 4	4 5	5 5

Table A3: Maples Pursuit Test Minimal Acceptable Score by Age and Sex.

Age	Ability	Accuracy	Head Movement	Bodymovement
Sex	M F	M F	M F	M F
≥14	5 5	4	3 3	4 5

Table A4: Maples Saccade Test Minimal Acceptable Score by Age and Sex.

Appendix B: Sequence of Vision Therapy Program

Sitting No.	Vision Therapy
1.	Hart chart rock, lens sorting, loose lens rock, accommodative flipper +/- 1.00Ds with N10, Brock string
2	Hart chart rock, lens sorting, loose lens rock ,accommodative flipper +/- 1.00Ds with N8, Brock string, Tranaglyphs
3	Hart chart rock, lens sorting, loose lens rock, accommodative flipper +/- 1.50Ds with N10, Bug on string, Tranaglyphs
4	Hart chart rock, lens sorting, loose lens rock, accommodative flipper +/- 150Ds with N8, Bug on string, Tranaglyphs, Aperture rule
5	Hart chart rock, lens sorting, loose lens rock ,accommodative flipper +/- 2.00Ds with N10, Tranaglyphs, Aperture rule, Free space fusion cards
6	Hart chart rock, lens sorting, loose lens rock, accommodative flipper +/- 2.00Ds with N8, Tranaglyphs, Aperture rule, Free space fusion cards