

Conventional Nomogram
Maloney Vision Institute VISX S4
Hyperopia v4 Myopia v5 (6/13/06)

+6.0	+5.3	+5.4	+5.5	+5.6	+5.7	+5.7	+5.7	+5.7	+5.7	+5.7	+6.0
+5.5	+4.8	+4.9	+5.0	+5.1	+5.2	+5.2	+5.2	+5.2	+5.2	+5.2	+5.5
+5.0	+4.3	+4.4	+4.5	+4.7	+4.8	+4.8	+4.8	+4.8	+4.8	+4.8	+5.0
+4.5	+3.9	+3.9	+4.0	+4.2	+4.3	+4.3	+4.3	+4.3	+4.3	+4.3	+4.5
+4.0	+3.4	+3.5	+3.6	+3.7	+3.8	+3.8	+3.8	+3.8	+3.8	+3.8	+4.0
+3.5	+2.9	+3.0	+3.1	+3.2	+3.3	+3.3	+3.3	+3.3	+3.3	+3.3	+3.5
+3.0	+2.4	+2.5	+2.6	+2.8	+2.9	+2.9	+2.9	+2.9	+2.9	+2.9	+3.0
+2.5	+2.0	+2.0	+2.1	+2.3	+2.4	+2.4	+2.4	+2.4	+2.4	+2.4	+2.5
+2.0	+1.5	+1.6	+1.7	+1.8	+1.9	+1.9	+1.9	+1.9	+1.9	+1.9	+2.0
+1.5	+1.0	+1.1	+1.2	+1.3	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.5
+1.0	+0.5	+0.6	+0.7	+0.9	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0
+0.5	+0.1	+0.1	+0.2	+0.4	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5
Preop Sphere	Patient Age										Preop Sphere
0	-0.3	-0.3	-0.2	-0.2	-0.1	0	0	0	0	0	0
-0.5	-0.9	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5
-1.0	-1.4	-1.3	-1.2	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
-1.5	-1.8	-1.7	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	-1.5
-2.0	-2.2	-2.2	-2.0	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	-2.0
-2.5	-2.6	-2.6	-2.5	-2.4	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.5
-3.0	-3.1	-3.0	-2.9	-2.8	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-3.0
-3.5	-3.5	-3.4	-3.3	-3.3	-3.2	-3.2	-3.1	-3.1	-3.1	-3.1	-3.5
-4.0	-3.9	-3.9	-3.7	-3.7	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-4.0
-4.5	-4.3	-4.3	-4.2	-4.1	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.5
-5.0	-4.8	-4.7	-4.6	-4.5	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-5.0
-5.5	-5.2	-5.1	-5.0	-5.0	-4.9	-4.9	-4.8	-4.8	-4.8	-4.8	-5.5
-6.0	-5.6	-5.6	-5.4	-5.4	-5.3	-5.3	-5.3	-5.3	-5.3	-5.2	-6.0
-6.5	-6.0	-6.0	-5.9	-5.8	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-6.5
-7.0	-6.5	-6.4	-6.3	-6.2	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-7.0
-7.5	-6.9	-6.8	-6.7	-6.7	-6.6	-6.6	-6.5	-6.5	-6.5	-6.5	-7.5
-8.0	-7.3	-7.3	-7.1	-7.1	-7.0	-7.0	-7.0	-7.0	-7.0	-6.9	-8.0
-8.5	-7.7	-7.7	-7.6	-7.5	-7.4	-7.4	-7.4	-7.4	-7.4	-7.4	-8.5
-9.0	-8.2	-8.1	-8.0	-7.9	-7.8	-7.8	-7.8	-7.8	-7.8	-7.8	-9.0
-9.5	-8.6	-8.5	-8.4	-8.4	-8.3	-8.3	-8.2	-8.2	-8.2	-8.2	-9.5
-10.0	-9.0	-9.0	-8.8	-8.8	-8.7	-8.7	-8.7	-8.7	-8.7	-8.6	-10.0
-10.5	-9.4	-9.4	-9.3	-9.2	-9.1	-9.1	-9.1	-9.1	-9.1	-9.1	-10.5
-11.0	-9.9	-9.8	-9.7	-9.6	-9.5	-9.5	-9.5	-9.5	-9.5	-9.5	-11.0
-11.5	-10.3	-10.2	-10.1	-10.1	-10.0	-10.0	-9.9	-9.9	-9.9	-9.9	-11.5
-12.0	-10.7	-10.7	-10.5	-10.5	-10.4	-10.4	-10.4	-10.4	-10.4	-10.3	-12.0
-12.5	-11.1	-11.1	-11.0	-10.9	-10.8	-10.8	-10.8	-10.8	-10.8	-10.8	-12.5
-13.0	-11.6	-11.5	-11.4	-11.3	-11.2	-11.2	-11.2	-11.2	-11.2	-11.2	-13.0
-13.5	-12.0	-11.9	-11.8	-11.8	-11.7	-11.7	-11.6	-11.6	-11.6	-11.6	-13.5
-14.0	-12.4	-12.4	-12.2	-12.2	-12.1	-12.1	-12.1	-12.1	-12.1	-12.0	-14.0
	20	25	30	35	40	45	50	55	60	65	

Instructions:

- 1) Choose the column closest to the patient's age
- 2) Choose the row closest to the patient's refractive sphere, written in minus cylinder form (do not use spherical equivalent)
Interpolate between adjacent columns for 0.25 diopter steps
- 3) The entry in the table is the amount to be programmed into the laser
- 4) If MYOPIC treatment, BOOST sphere correction by -0.25 D when ASTIGMATISM is >2.00 D
- 5) The nomogram is designed so that the chance of an overcorrection requiring enhancement equals the chance of an undercorrection

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