

ASSIS Sphere adjustment nomogram for Custom Q (6.5 mm OZ)

Principle: **Q adjustment** towards **more negative** values will **ablate more** tissue from the **centre** of the OZ

Hyperopia

Add	+0.16 D	per 0.1 ΔQ for	any sphere
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Ex. Sph = +2.00 D

aim Sph (for monovision of -1.5 D) = +2.00 D - (-1.50 D) = **+3.50 D**

preQ = -0.4

aimQ = -1.0

ΔQ = -0.6

corr aim Sph = +3.50 D + 6*(+0.16 D) = +3.50 D + 0.96 D = **+4.46 D**

Myopia

Subtract	-0.20 D	per 0.1 ΔQ for	-1.00 D
	-0.30 D		-2.00 D
	-0.27 D		-3.00 D
	-0.25 D		-4.00 D
	-0.22 D		-5.00 D
	-0.20 D		-6.00 D

Ex. Sph = -5.50 D

aim Sph (for monovision of -1.5 D) = -5.50 D - (-1.50 D) = **-4.00 D**

preQ = -0.4

aimQ = -1.0

ΔQ = -0.6

corr aim Sph = -4.00 D - 6*(-0.25 D) = -4.00 D - (-1.50 D) = **-2.50 D**