

# Corneal Astigmatism Correction Diamond Incisions vs. Femto

**NAPA**  
Diamond Micrometer

**LenSX**  
Excision Opened

**n=225**

Average SIA/TIA	0.71
Percent SIA/TIA > 1	9.05
Percent SIA/TIA < 1	85.07
Percent SIA/TIA = 1	5.88
Standard Deviation	0.29

**n=55**

Average SIA/TIA	1.10
Percent SIA/TIA > 1	45.45
Percent SIA/TIA < 1	52.73
Percent SIA/TIA = 1	1.82
Standard Deviation	0.94

SIA= Surgically Induced Astigmatism

TIA= Target Induced Astigmatism

**Angle of Error**

Mean AOE	-0.66
Standard Deviation (AOE)	21.35

Mean AOE	-2.20
Standard Deviation (AOE)	39.07

