

# Syracuse Radiation Oncology Off Axis Factor Verification

Off axis factor is measured at dmax

## 6MV

Field Size	Distance (cm)	OAF	OAF expected	Difference (%)
4x4	-1	0.999	1.003	-0.40
	1	0.998	0.999	-0.10
10x10	-4	1.003	0.994	0.90
	4	1.002	0.994	0.80
20x20	-8	1.009	1.016	-0.69
	8	1.008	1.016	-0.79
30x30	-12	1.024	1.022	0.20
	12	1.024	1.023	0.10

## 16MV

Field Size	Distance (cm)	OAF	OAF expected	Difference (%)
4x4	-1	0.988	0.993	-0.50
	1	0.983	1.00	-1.70
10x10	-3	1.023	1.018	0.49
	3	1.023	1.018	0.49
20x20	-6	1.027	1.03	-0.29
	6	1.027	1.03	-0.29
30x30	-10	1.038	1.039	-0.10
	10	1.038	1.039	-0.10

Physicist: \_\_\_\_\_

Date: \_\_\_\_\_