

Weekly Fluoroscopic Monitoring

Site: Astro Surgical Center

Unit ID C-Arm

Baseline Values	kVp	mA	"Baseline Values" are set during the annual physics evaluation. New baseline values should be established annually, or if any significant repairs or maintenance is performed on this machine.
September-2023	67	1.4	

QC Setup	1 Gallon water bottle, on table, no mag
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Form Instructions	1) Record the kVp and mA (indicated on the unit) in the chart below 2) Record the "Max mA" from the chart on the right for the kVp 3) If the mA from Step 1 is less than the "MAX mA" from Step 2, the test passes (P) ***If the test does not pass or the kVp is out of range, repeat the test and check the setup.
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Date	Initials	Step 1: Record the kVp From Unit	Step 1: Record the mA From Unit	Step 2: MAX mA from Chart on Right	Step 3: Pass? (P/F)	kVp from unit	MAX mA
						61	2.1
						62	2.0
						63	2.0
						64	1.9
						65	1.9
						66	1.8
						67	1.8
						68	1.7
						69	1.7
						70	1.6
						71	1.6
						72	1.5
						73	1.5
						74	1.4

Medical Physicist Michael Masiar MS DABR

Signature 

Date August 17, 2023

*Note: MAX mA derived from Equation: $DoseRatio = \left(\frac{kVp_{indicated}}{kVp_{baseline}}\right)^2 \times \left(\frac{mA_{indicated}}{mA_{baseline}}\right) \leq 1.25$