

Department: Radiology	Section: CT	Effective Date:
Procedure Number: 13.7.2		Revision:

ACTION RANGE SELECTION

Facility Name:

CT Unit:

ROI #1 (Water)	ROI #2 (Plastic)	ROI #3 (Air)

Average:

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The action range for each ROI should be set at the average of ten measurements plus or minus 10 CT #'s.

The Daily QC protocol should be conducted each day of use, before the first patient. If the measured CT number for any one of the three ROIs falls outside of the action range, repeat the test. If it fails again, patients may not be scanned until service has been contacted to identify and correct the problem.

Action ranges may need to be reset following tube replacement or major service to the unit.

When setting action ranges, measure the mean CT# for each ROI only once per scan of the phantom.

No more than two scans of the phantom per day may be used for data while setting action levels.

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