

Adrenal Mass

The scanning guideline is listed under Exam Guidelines in Computed Tomography on the MRG Tech Website.

Notes for Radiologists:

Using an ROI which occupies more than 2/3 of the mass, measure the HU on the noncontrast, parenchymal, and delayed phases. Calculate the absolute washout. Since we are including the noncontrast scan, we can just do the absolute washout and leave out the relative washout. Include the numbers in the dictation. If the washout is greater than 60%, call it an adenoma. You can use the calculator on the web at chestx-ray.com for the easiest way to do this. One important note: in a patient who may get all three scans, if an adrenal mass has a low HU on a noncontrast scan (<10), IT MAY NOT WASH OUT on contrast enhanced scans, and you can get conflicting information. In this case, do not calculate a washout value. Instead, rely on the precontrast information and call it an adenoma.