

BOSNIAK CLASSIFICATION

- I - Classic, typical benign simple cyst
- II - Minimally complicated but reliably benign
- III - Mostly benign, but requires follow-up in 3,6, and 12 months
- IV - Indeterminate/suspicious (approx. 50% benign)
- V - Obviously malignant (>90%)

I - Simple cyst

II - A few, smooth, thin septa with no thickened elements
Small, smooth plaques of fine, linear calcium in the wall or septa
Hyperdense (25-90 HU on non-con), homogeneous, non-enhancing,
smooth, round, thin-walled, sharply marginated mass < 3cm diameter.

III - More extensive calcifications
Numerous, thickened, irregular or nodular septa

IV - Very Irregular margins
Solid, enhancing elements

Lesions < 1.5 cm diameter incidentally detected on contrasted CT:

If HU = 20 or less, no f/u necessary

If HU > 20: If elderly or surgical risk, f/u in 6 months

If young, get US, Cyst = quit

If not, thin section CT w/o and

w/ IV contrast, If no enhancement, quit, if enhancement f/up in 6 months
and then yearly thereafter.