

# Sporadic renal cysts

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Sporadic renal cysts are usually benign. Cysts with thin, sharply defined walls and clear fluid content are known as simple renal cysts. This category of cysts may be diagnosed with certainty by US. Apart from a few thin septa, any variation in the nature of the fluid, thickness of the cyst wall or septa or the presence of either calcification or a solid nodule would require further imaging with either computed tomography (CT) scan or - magnetic resonance imaging (MRI) to rule out cystic renal cell - carcinoma (RCC). Bosniak proposed a four-tiered classification of the malignant potential of cystic renal lesions. Category I cysts represent benign lesions that require no further follow-up, whereas categories III and IV have a higher probability of malignancy and require surgical excision. Category II cysts - can be safely followed up.

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