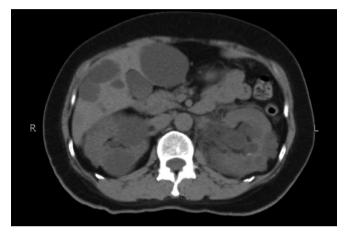
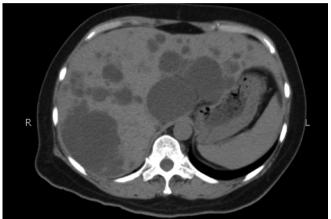


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Questions

- Q1. What are the lesions that are seen on the non contrast axial CT images and which organs are involved?
- Q2. What is the differential of such appearance?
- Q3. Does it have an association related to the brain?
- Q4. Is it associated with any syndrome?

QUIZ 2

Answers ____

Answer 1: Multiple hypodense, well defined, rounded lesions of variable sizes are seen in right and left lobe of liver and bilateral kidney which represent cysts

Answer 2: Cysts, metastasis

Answer 3: Berry aneurysm

Answer 4: Von Hippel-Lindau (VHL) disease is a rare autosomal dominant inherited disorder manifested by visceral cysts, benign masses, and the potential for malignant transformation in multiple organ systems. Clinical hallmarks of VHL are development of retinal and central nervous system (CNS) hemangioblastomas, pheochromocytomas, multiple cysts of the pancreas and kidneys, and a high potential for malignant transformation of renal cysts into carcinoma.

References _

- Rebecca S. Leung et al., Imaging Features of von Hippel-Lindau Disease, RadioGraphics, 2008;28:65-79.
- Gael J. Lonergan et al., Autosomal Recessive Polycystic Kidney Disease: Radiologic-Pathologic Correlation, Radiographics. 2000;20:837-855.
- Desiree E. Morgan et al., Polycystic Liver Disease: Multimodality Imaging for Complications and Transplant Evaluation, RadioGraphics 2006; 26:1655–1668.