

# I have VHL

I may have a **pheochromocytoma**

If I need surgery, I may need **alpha & beta blockers**

I may have **post-operative adrenal insufficiency**



## Possible VHL Lesions S/Sx

**Brain/Spinal Hemangioblastoma:** headaches, ataxia, nystagmus, back pain, numbness, hiccups

**Retinal Hemangioblastoma:** floaters, retinal detachment

**Endolymphatic Sac Tumor:** hearing loss, vertigo

**Pancreatic Cysts / Tumor / Cancer:** pancreatitis, diabetes, indigestion

**Pheochromocytoma / Paraganglioma:** high blood pressure, panic attacks

**Kidney Cysts, Renal Cell Carcinoma:** lower back pain, hematuria, fatigue

**Cystadenomas:** pain: consider rupture, hemorrhage, torsion

*Lung & liver may have benign, asymptomatic lesions*