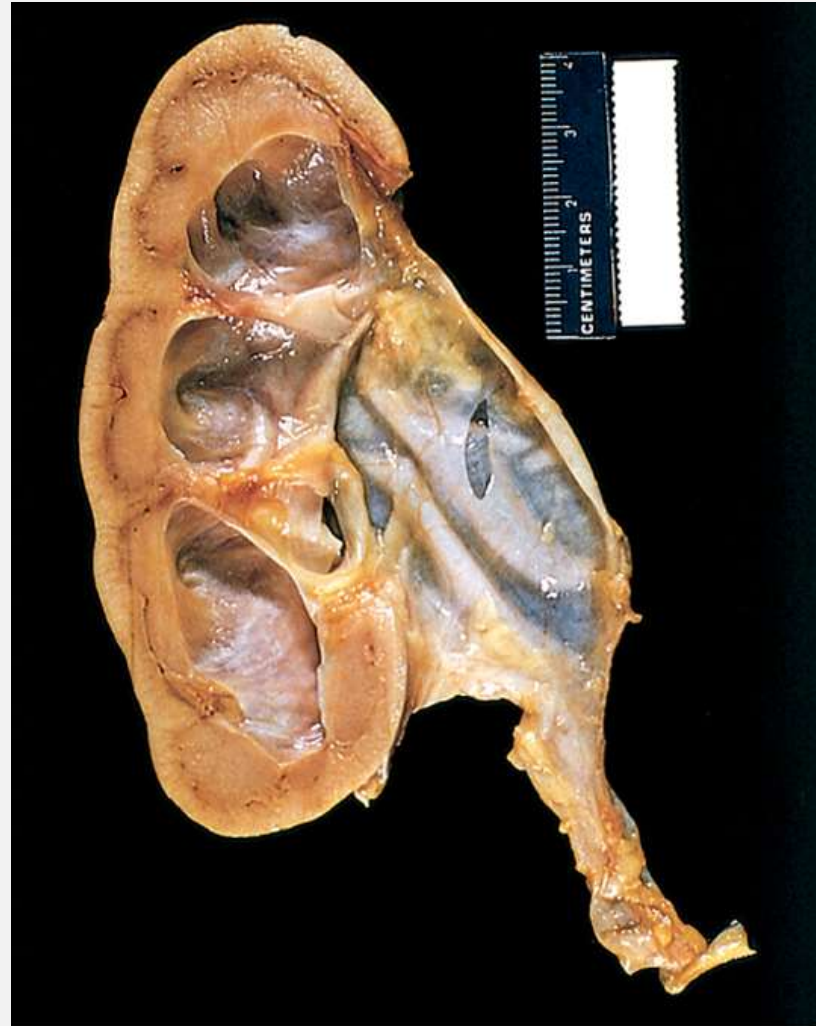


# **GUS 2023 PATHOLOGY LAB - I**

**Dr. Nisreen Abu Shahin**  
**Associate professor of Pathology**  
**Faculty of Medicine**

# HYDRONEPHROSIS

- Causes ? **Congenital and acquired**
- Consequences?  
**Chronic renal failure if not treated early**



# SIMPLE RENAL CYSTS

- **what is the clinical significance?**



# PKD ADULT TYPE

- **what is the clinical significance?**
- **name genetic abnormalities.**



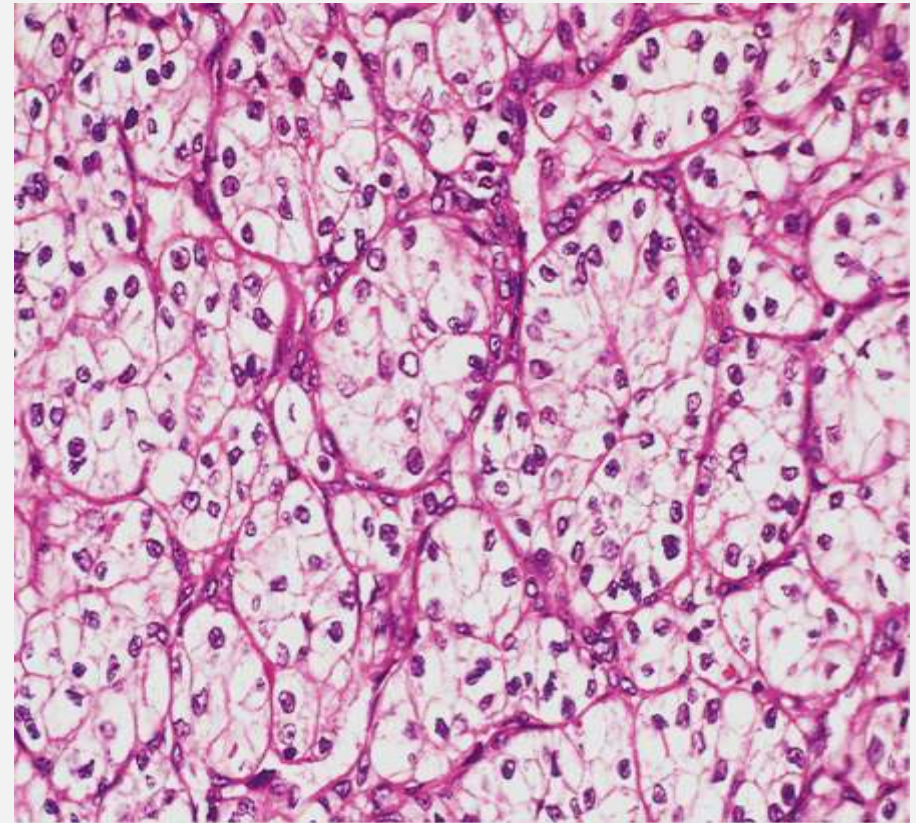
## **NEPHRONOPHTHISIS- MEDULLARY CYSTIC DISEASE COMPLEX**

- **Location of cysts?**
- **what is the clinical significance?**



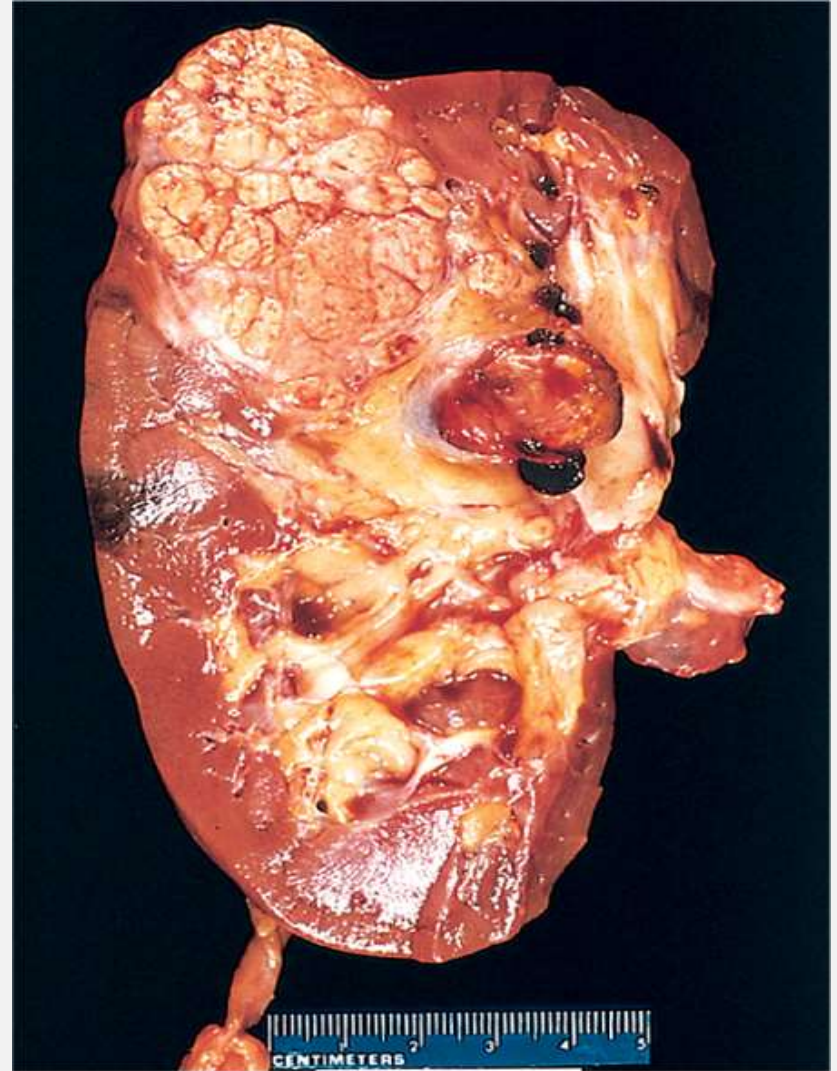
# CLEAR RENAL CELL CARCINOMA

- **Name a genetic predisposing factor?**



# RCC

- **Types?**
- **morphology ?**
- **paraneoplastic syndrome associated with this tumor?**



# UROTHELIAL PAPILLARY CARCINOMA- LOW GRADE

Risk factors?

