

# Prípad SD-IAP 497

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Lúčky

# Klinické údaje

- Muž, 55 rokov, hospitalizovaný pre expanzívny tumorózny proces ľavej obličky
- Makroskopicky : oblička narazená , dĺžky 12 cm, s intraparenchymatózne lokalizovaným dobre ohraničeným nádorom veľkosti  $4 \times 3 \times 3$  cm, žltobielej farby, mäkkej konzistencie

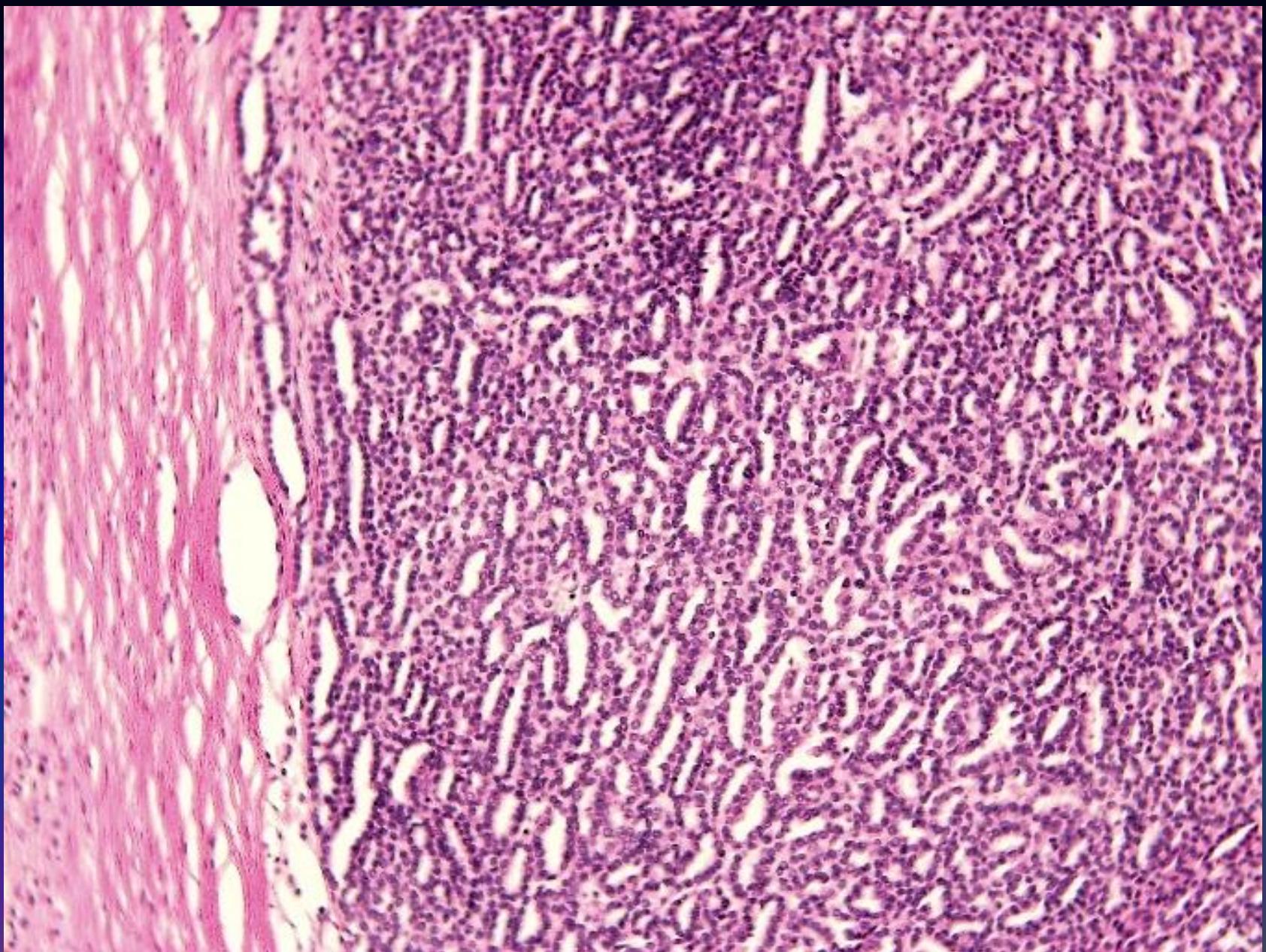
## **Klinická dg.:**

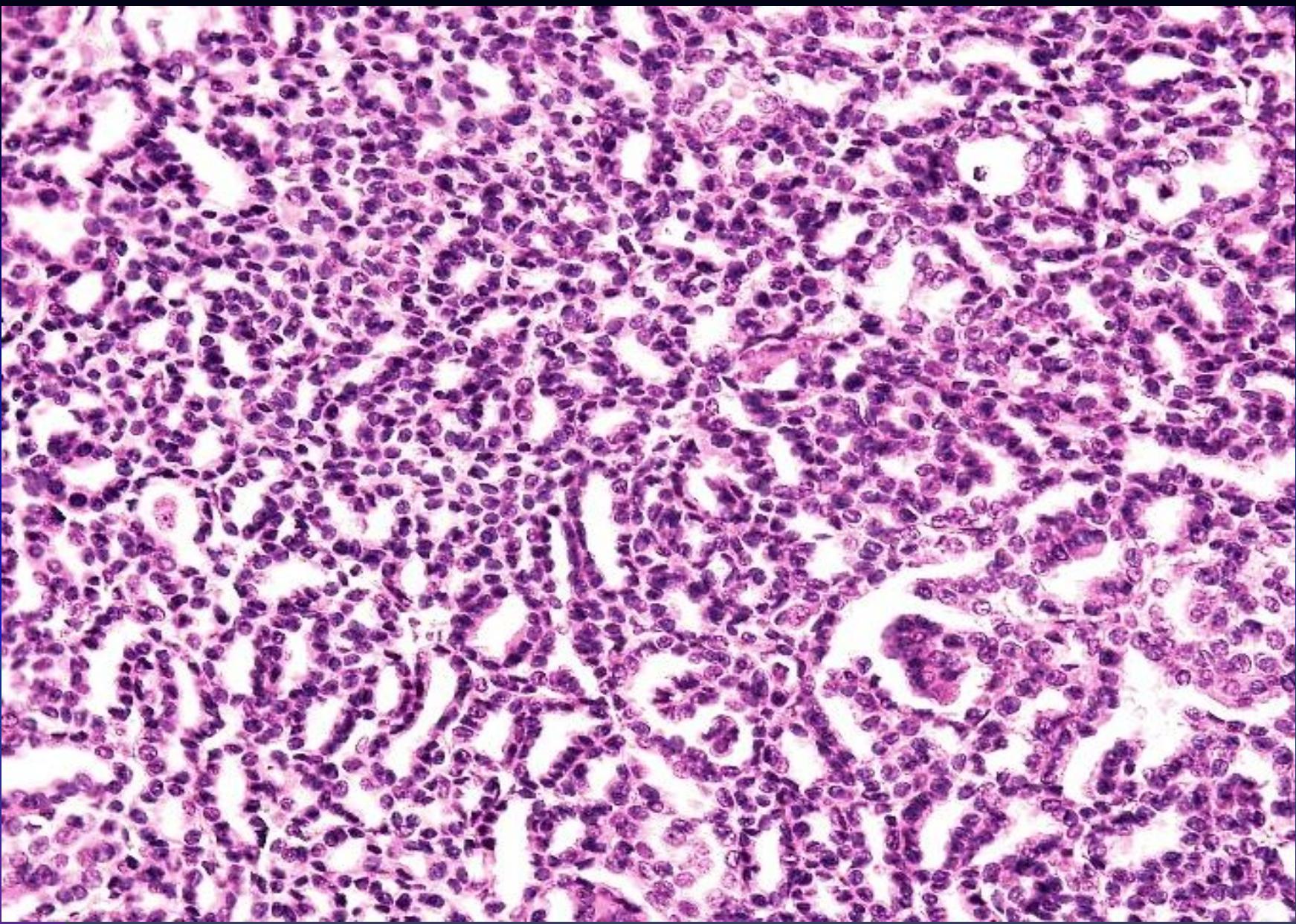
- Tumor renis I.sin.

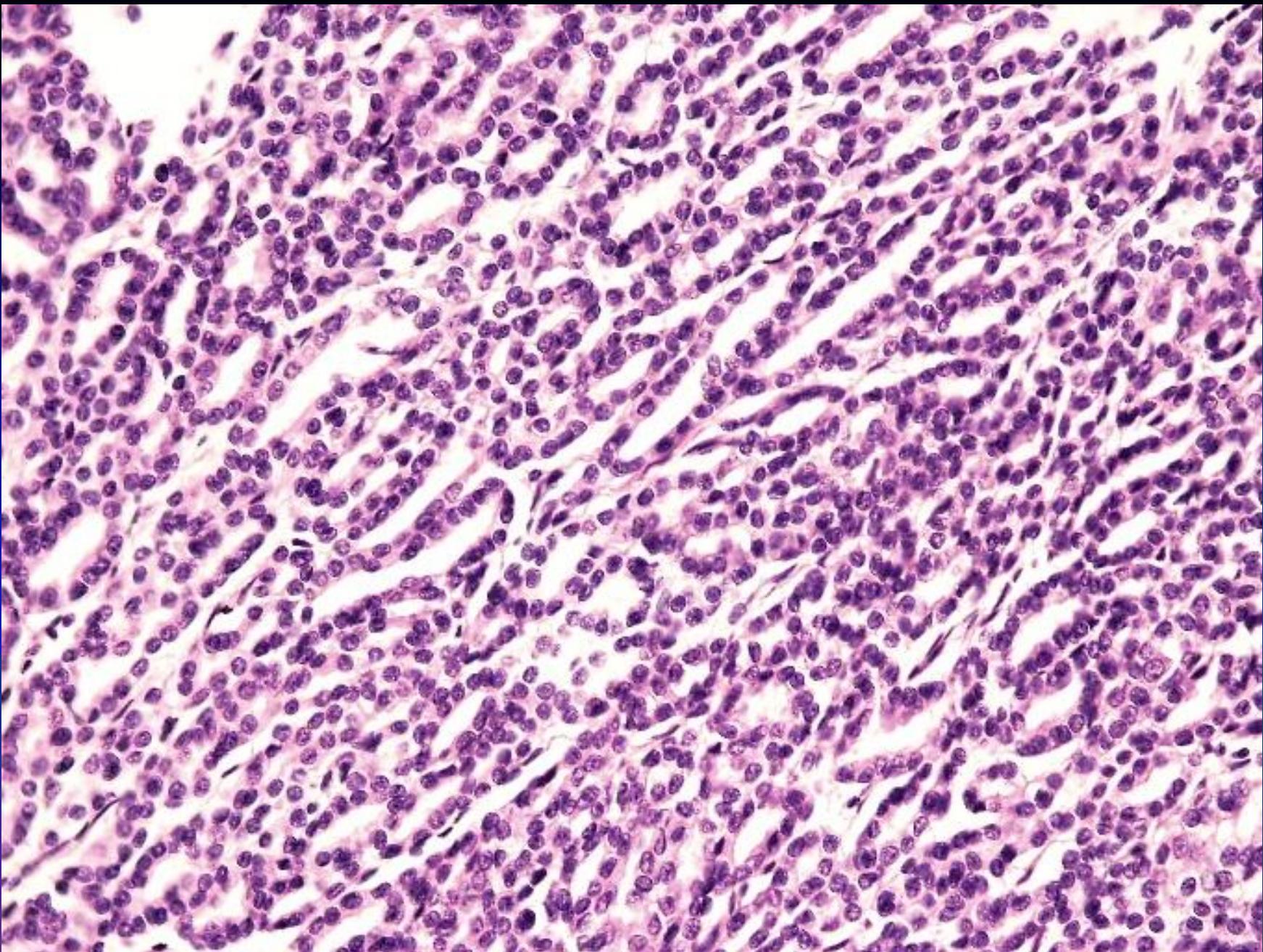
5314-324

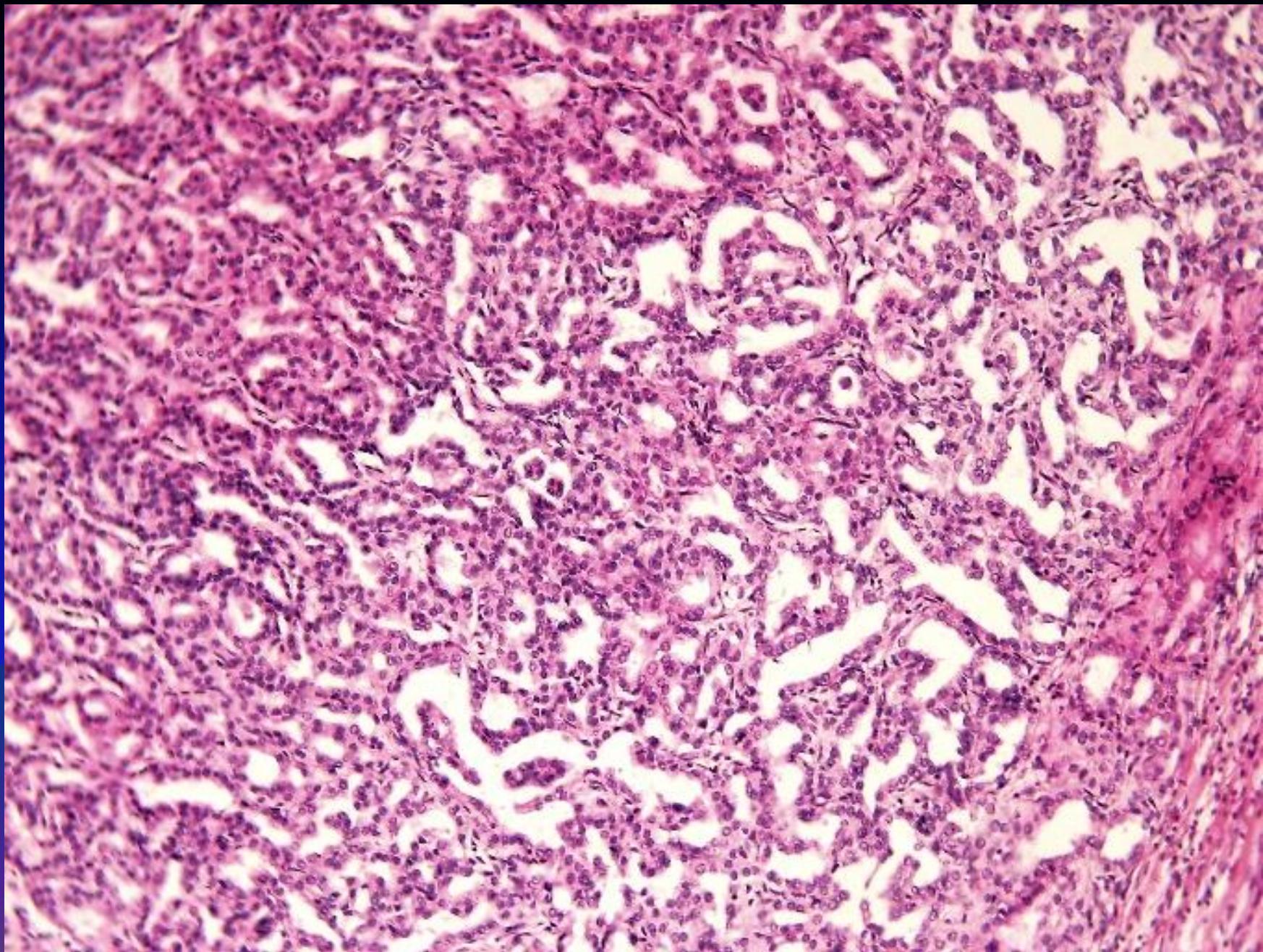
2013

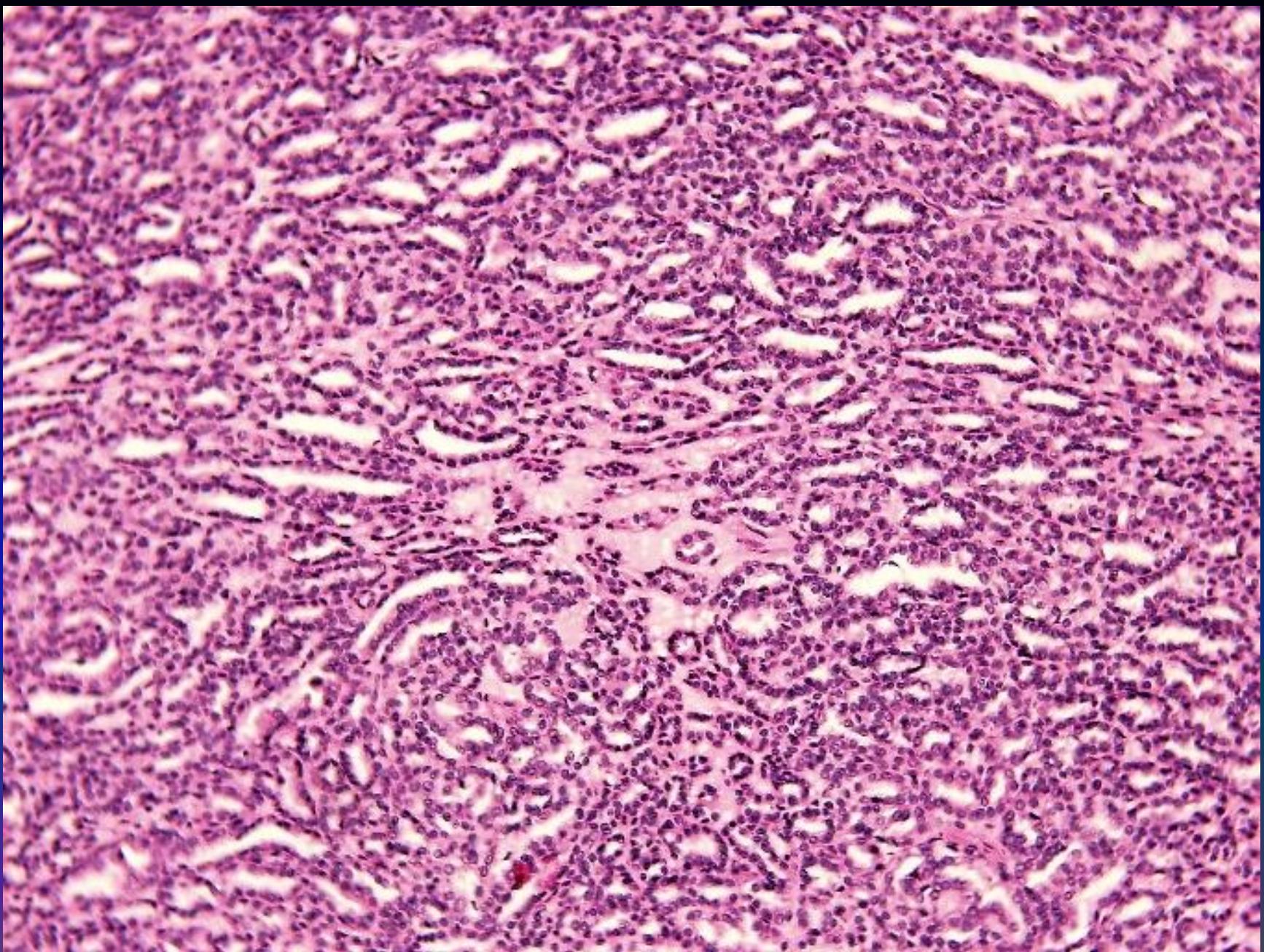


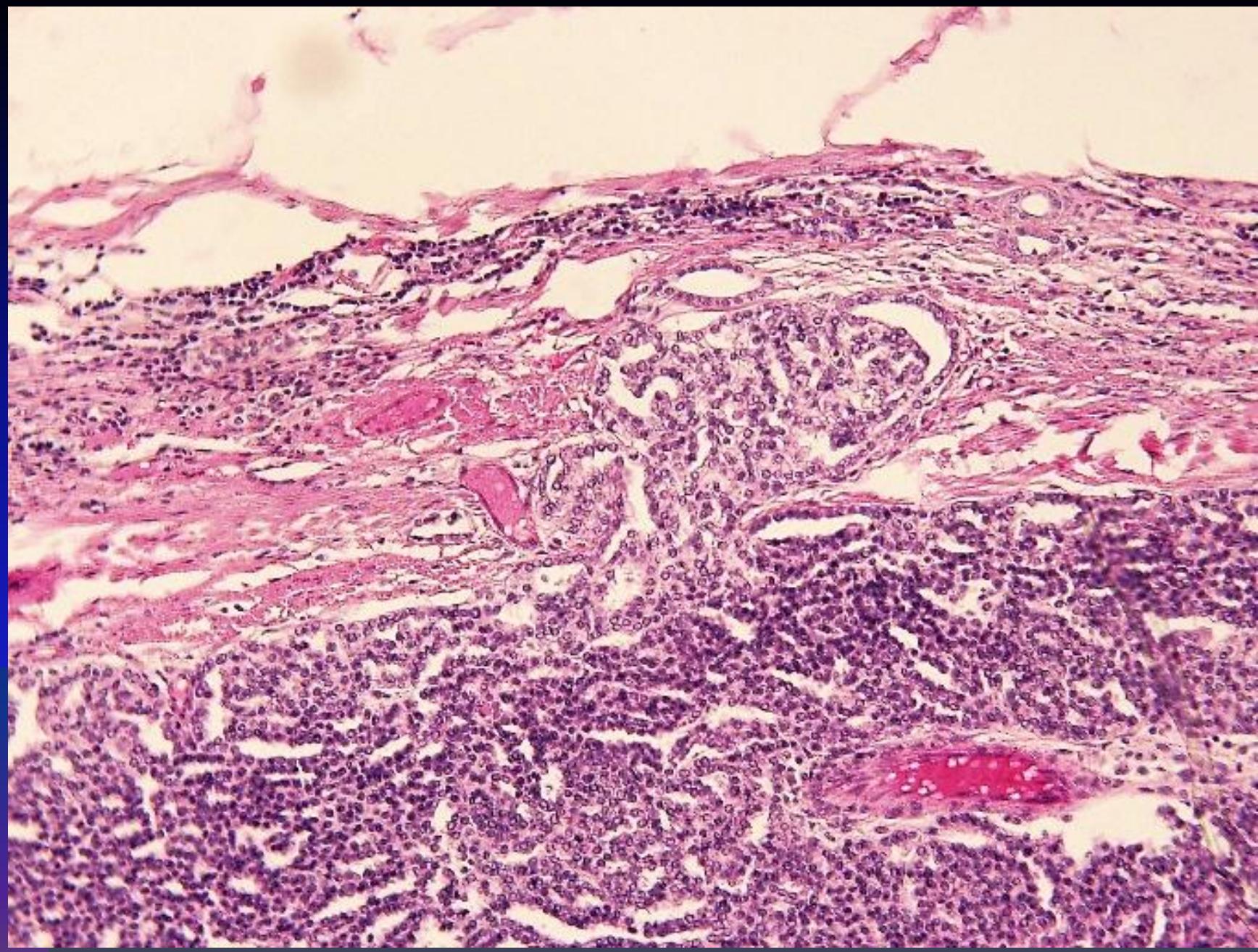


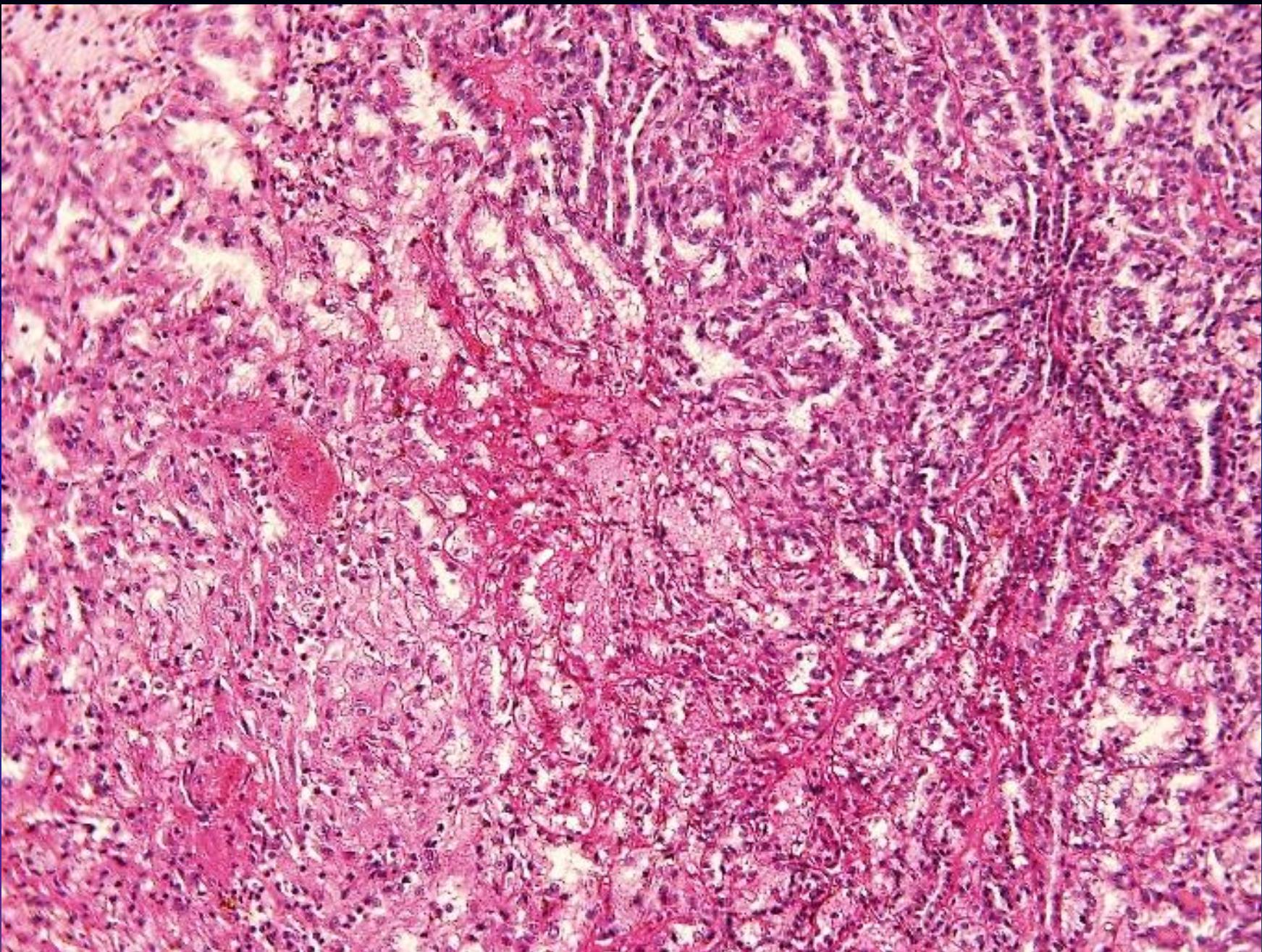


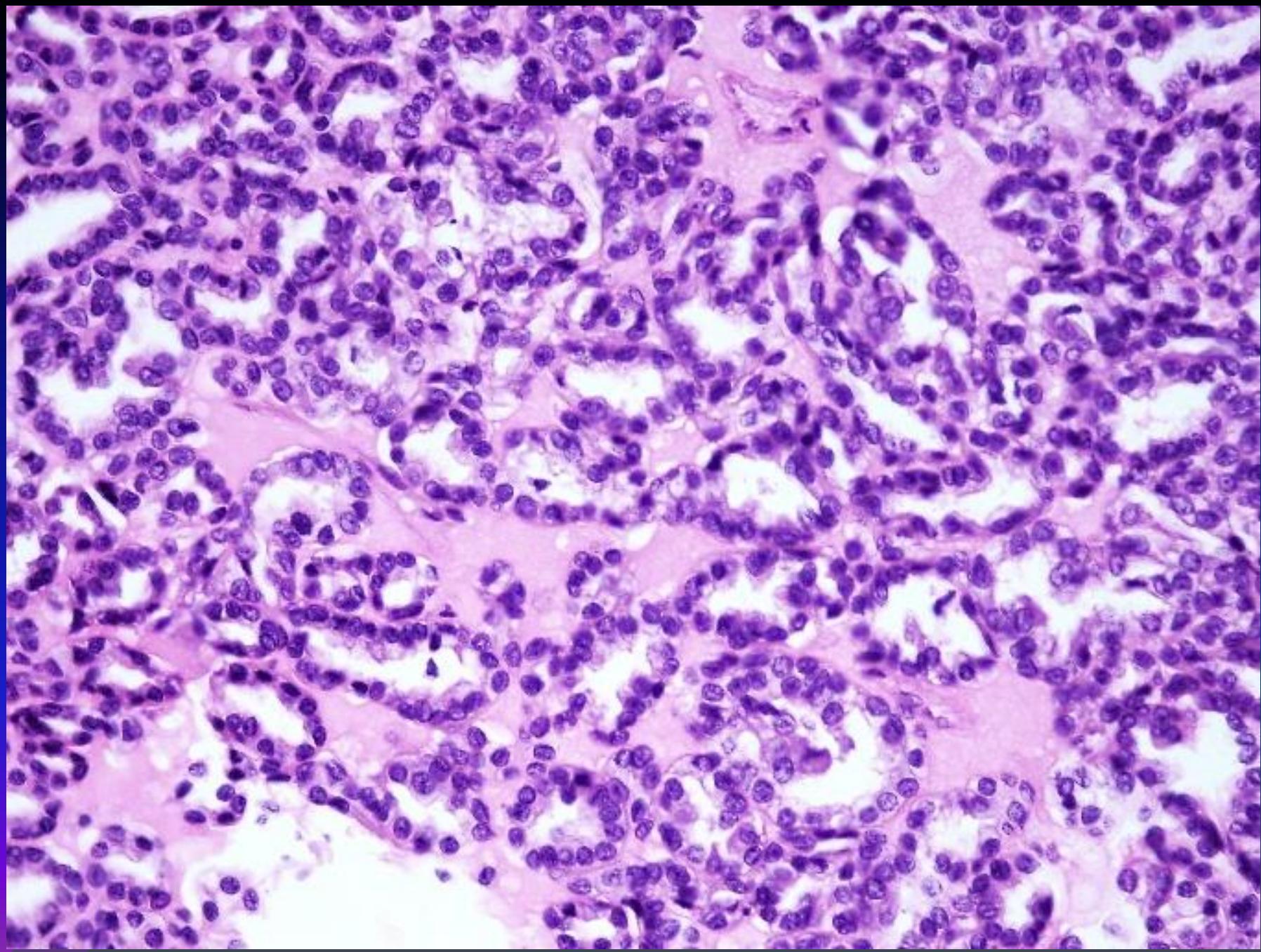


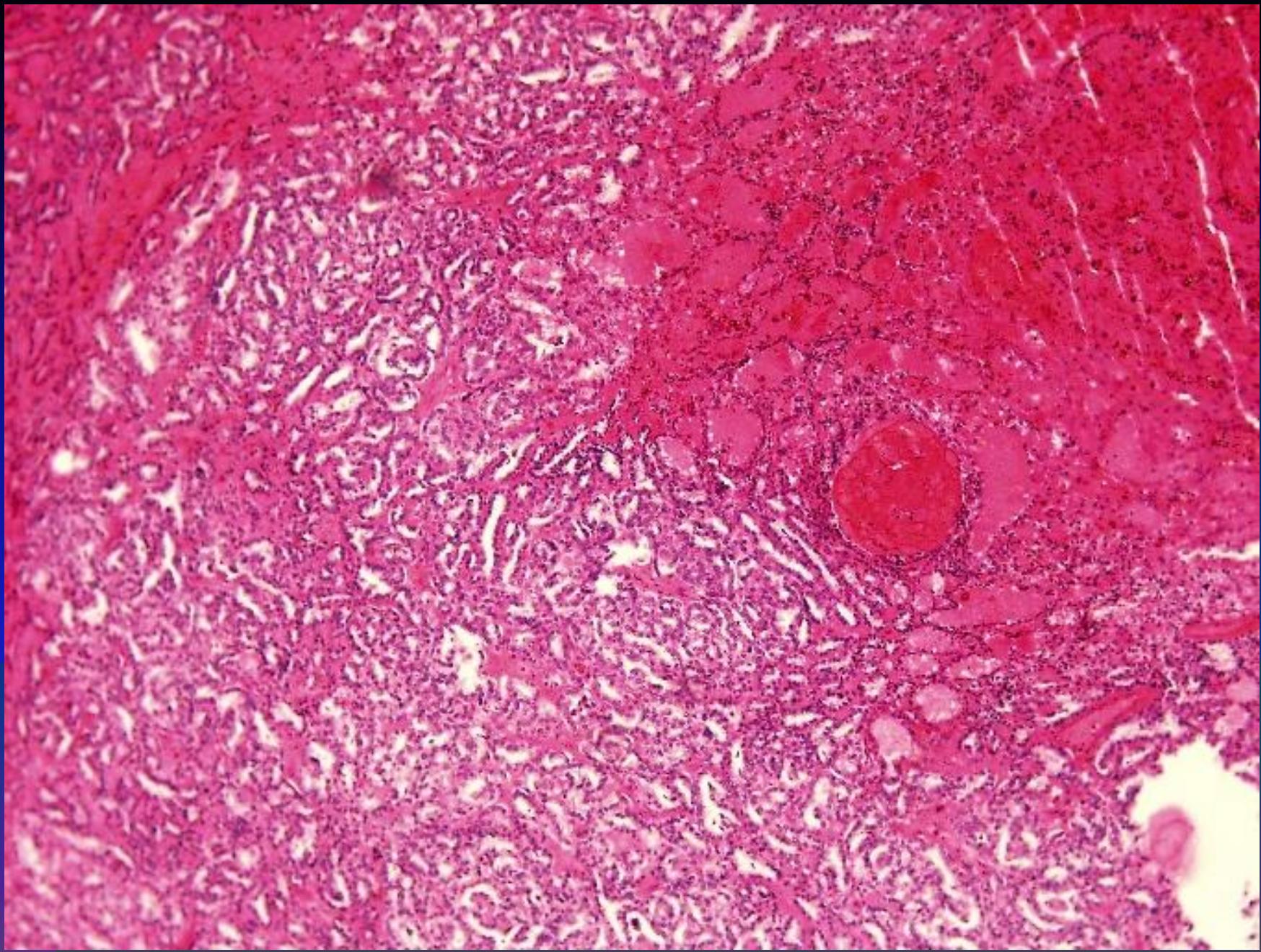




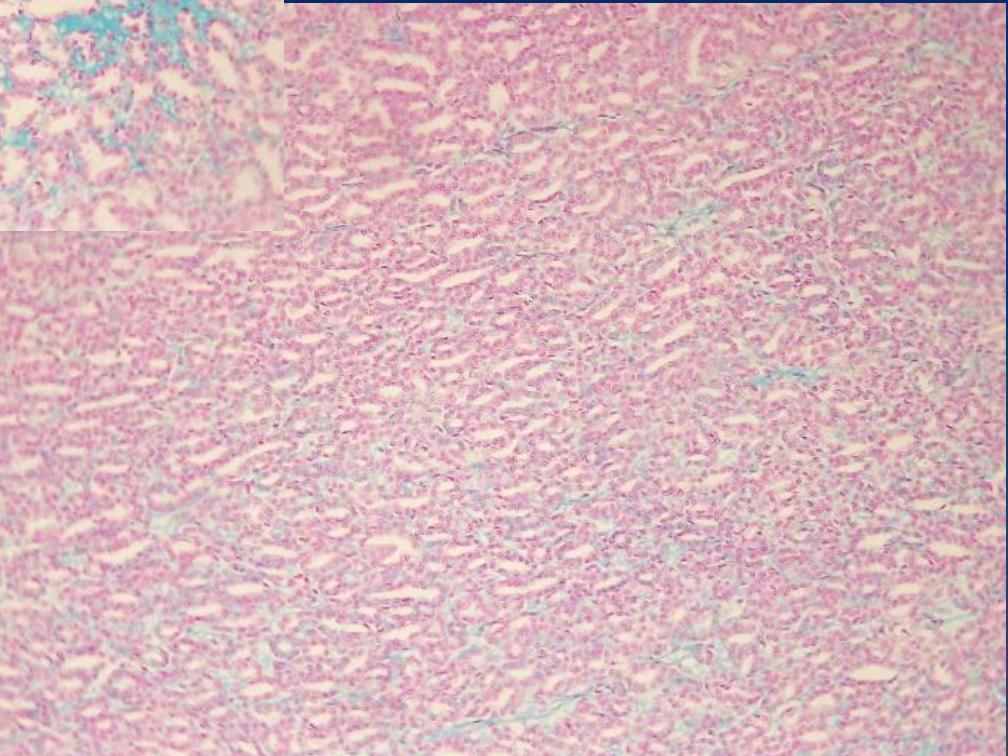
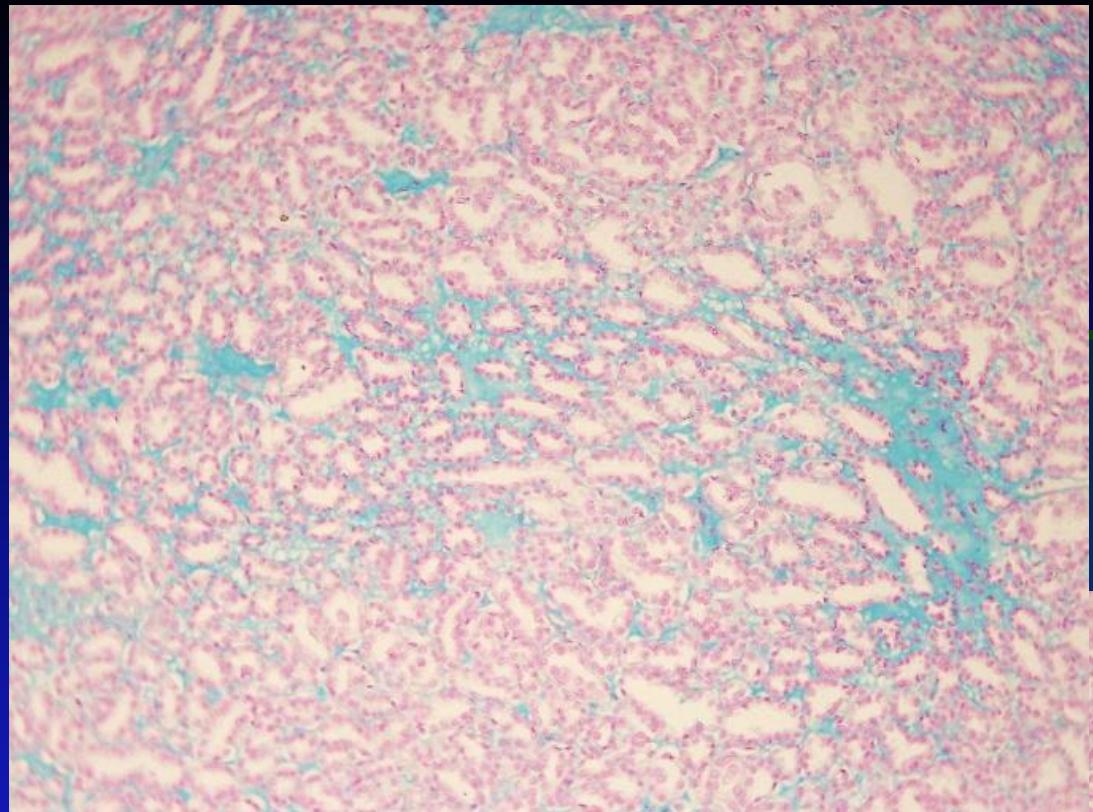




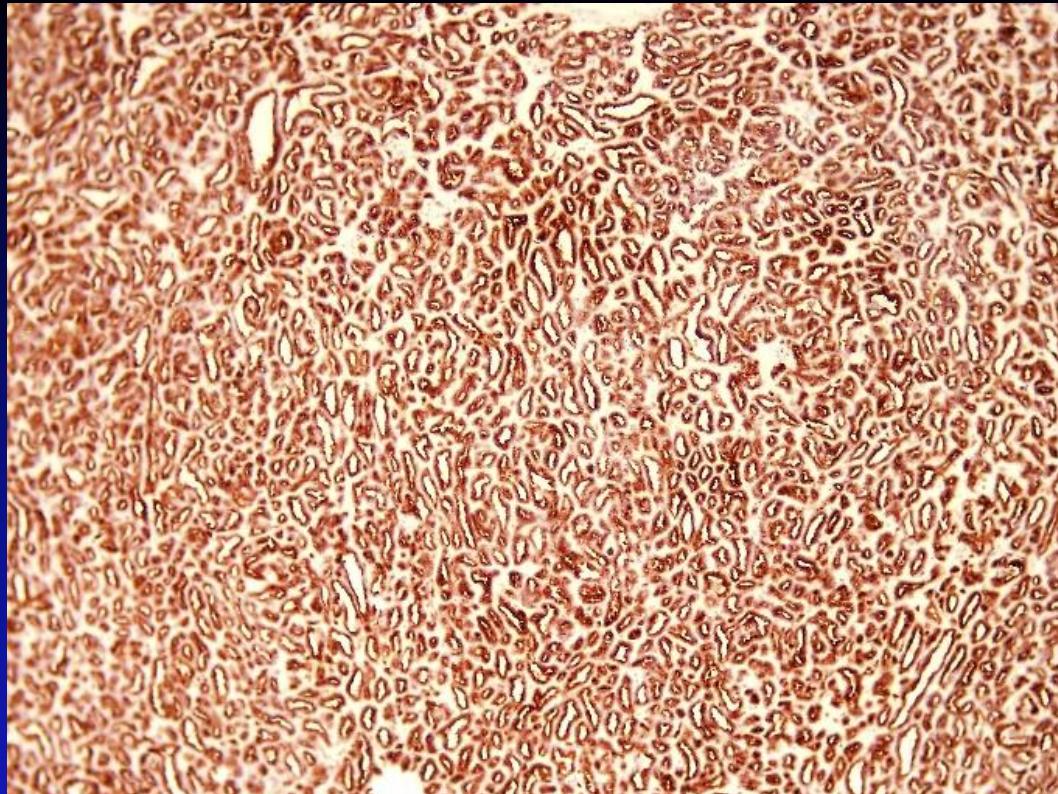






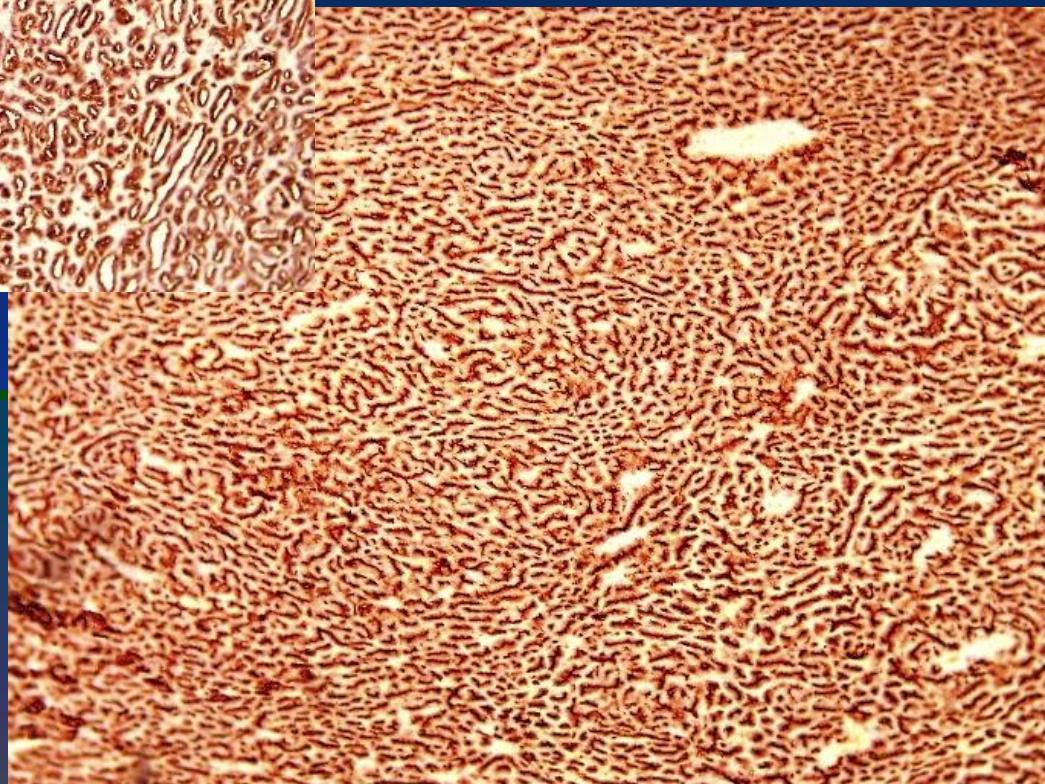


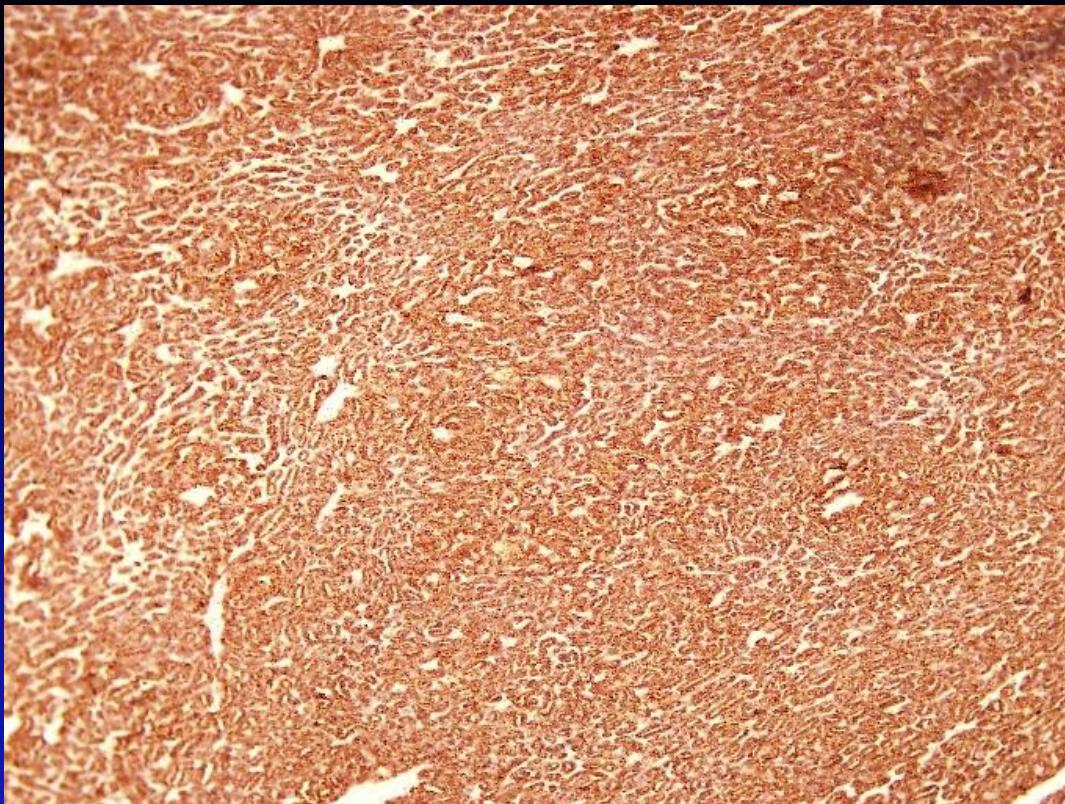
**Alc. modrá**



**RCC**

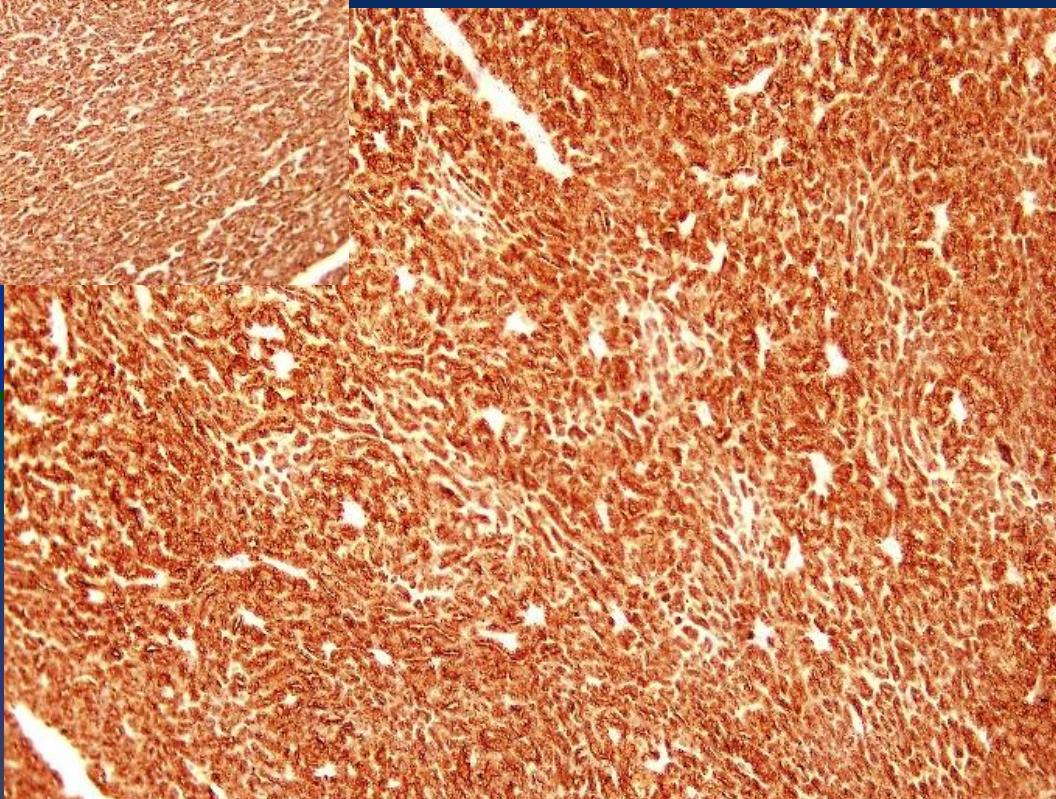
**EMA**

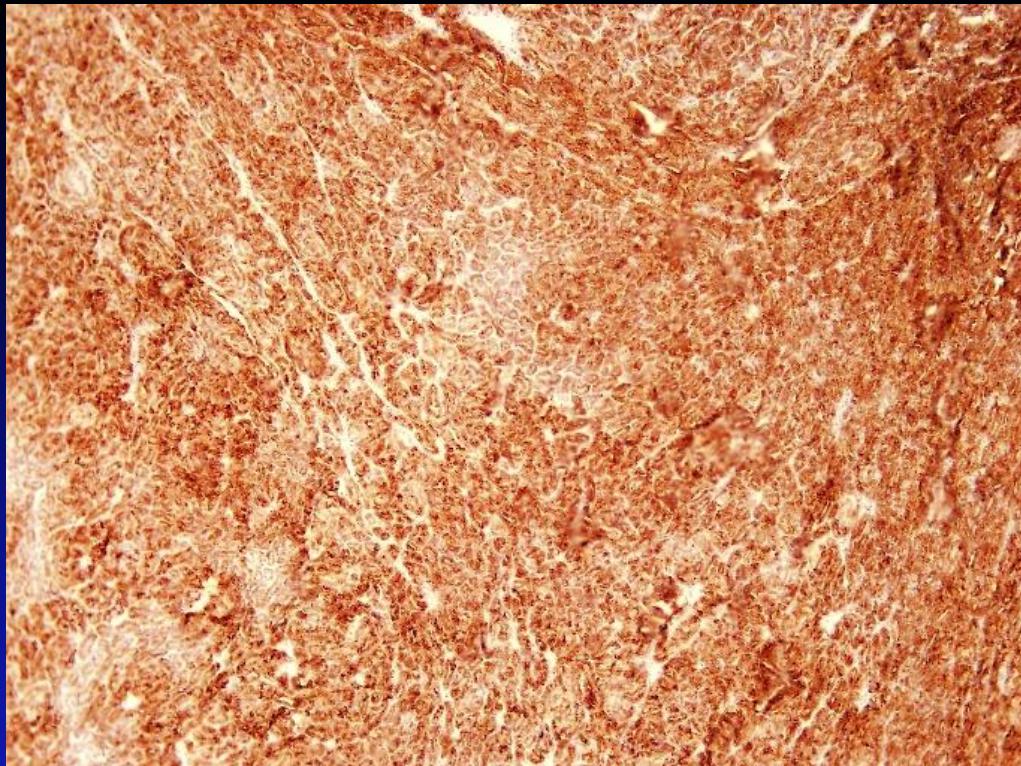




**AMACR**

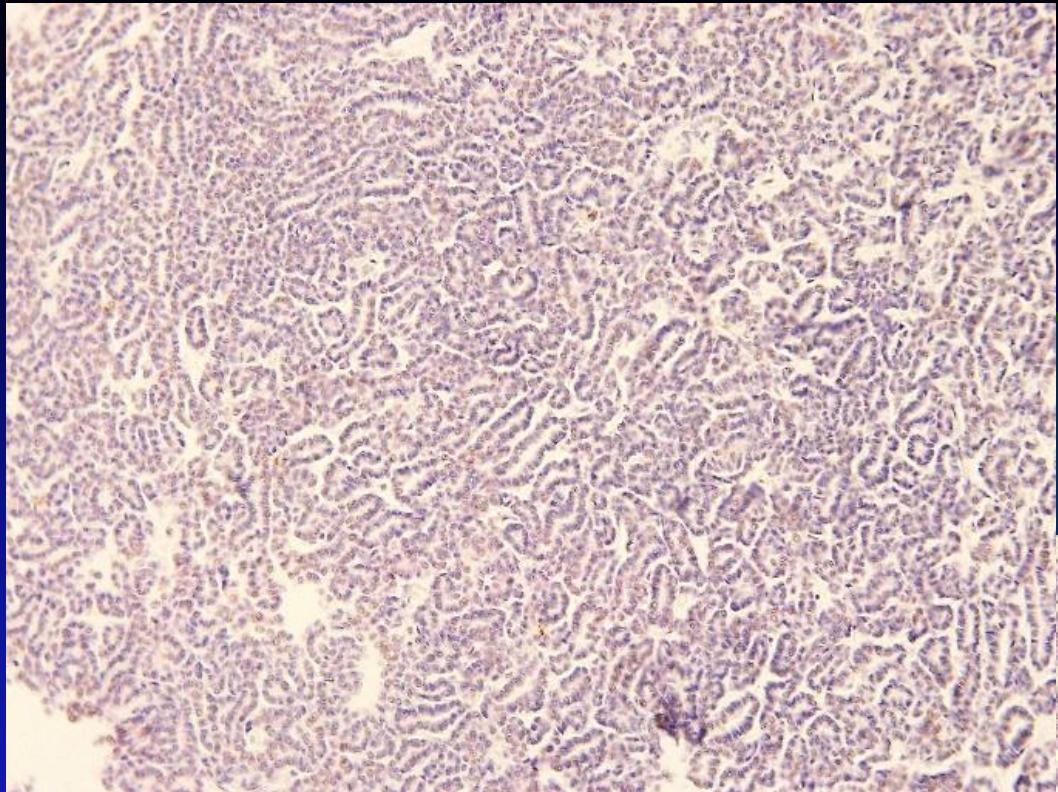
**CK7**



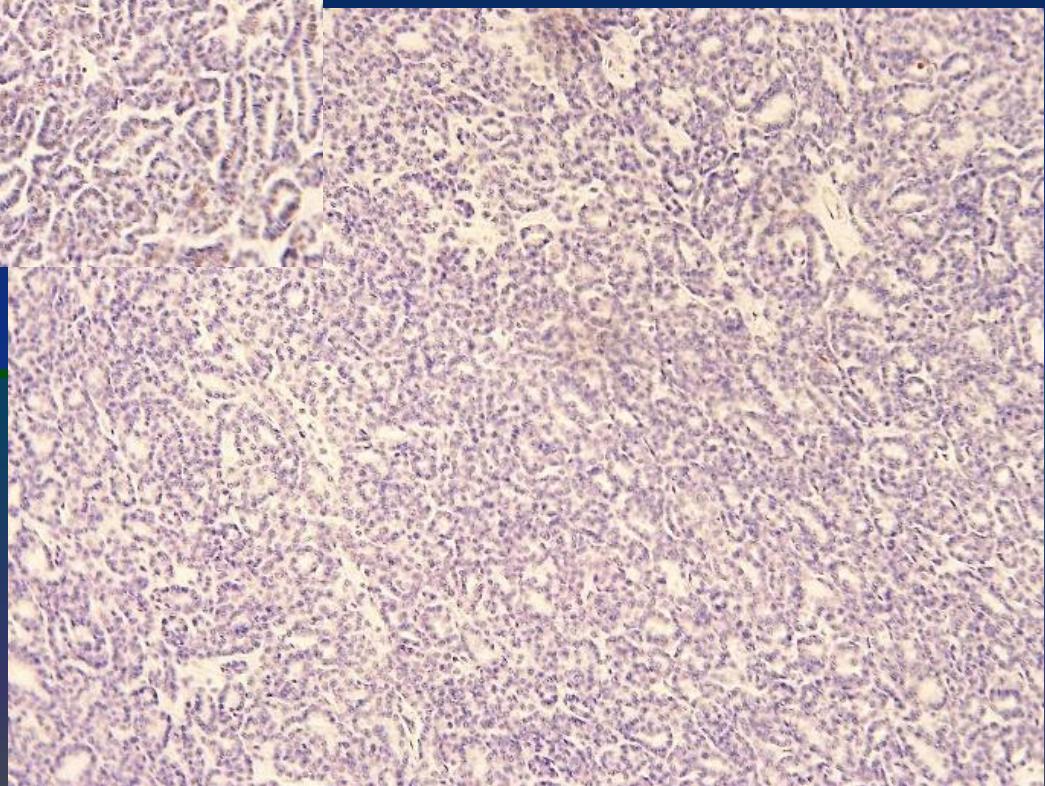


**VIM**

**HMWCK**

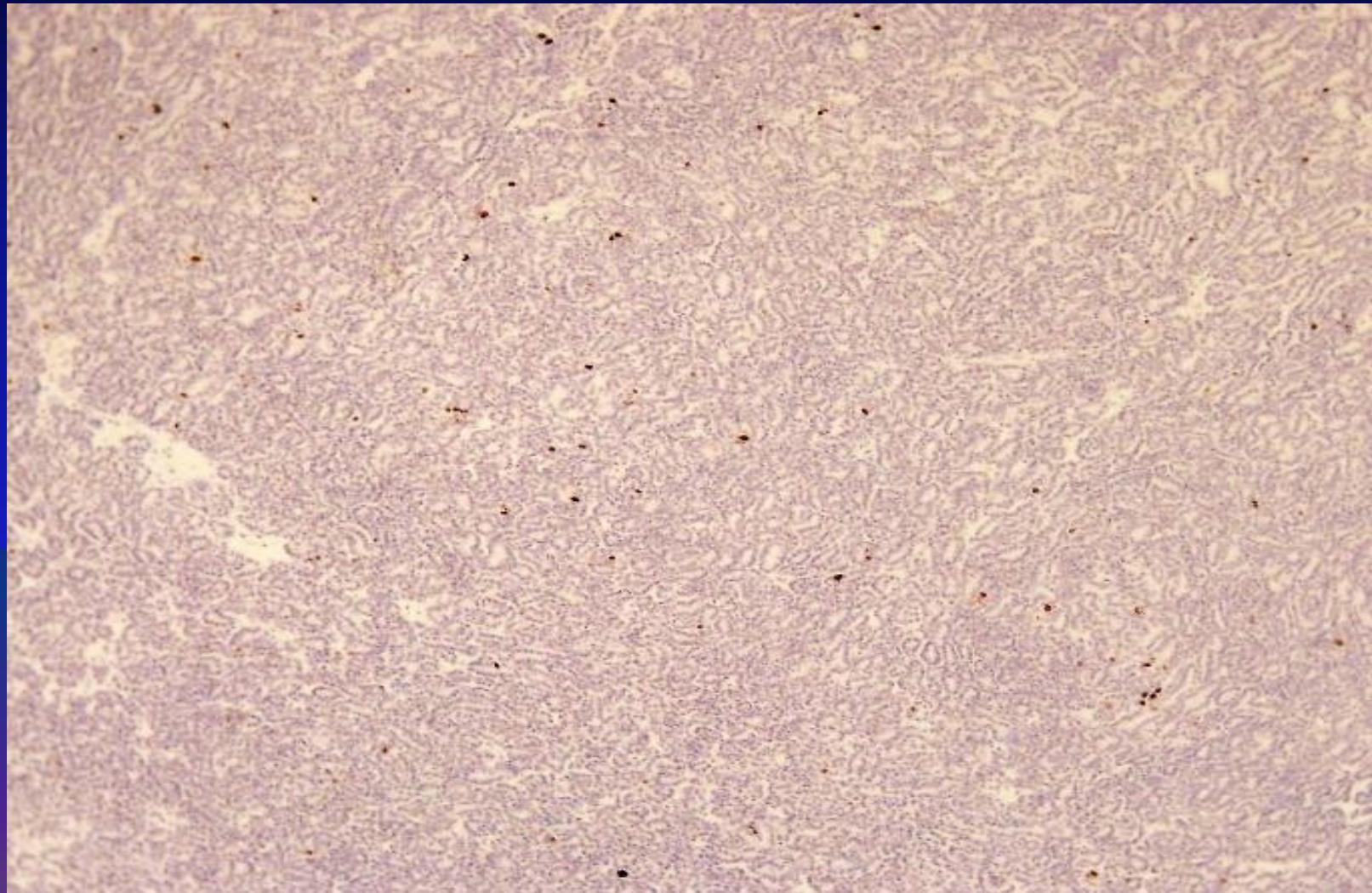


**CD 10**



**CD 15**

# Mib1



# IHC H analýza

|                 |          |             |          |
|-----------------|----------|-------------|----------|
| <b>CK7</b>      | <b>+</b> | <b>CD10</b> | <b>-</b> |
| <b>HMWCK</b>    | <b>+</b> | <b>CD15</b> | <b>-</b> |
| <b>RCC</b>      | <b>+</b> | <b>WT1</b>  | <b>-</b> |
| <b>EMA+</b>     | <b>+</b> | <b>CD56</b> | <b>-</b> |
| <b>CK 19</b>    | <b>+</b> | <b>CD57</b> | <b>-</b> |
| <b>vimentin</b> | <b>+</b> |             |          |
| <b>racemáza</b> | <b>+</b> |             |          |
| <b>AE1/AE3</b>  | <b>+</b> |             |          |
| <b>CK 8/18</b>  | <b>+</b> |             |          |



# **MUCINOUS TUBULAR AND SPINDLE CELL CARCINOMA**

# Diferenciálna diagnóza

- metanefrický adenóm  
(WT1 +, CK7 – , EMA-, CD57+)
- papilárny RCC  
(CD10 +, HMWCK -, )

# Diskusia

- 17 – 82 rokov, M / Ž – 1 / 4
- zriedkavý, polymorfný, LG renálny tumor  
ohraničený, fokálne s náležom fibrózneho tkaniva na  
periférii
- predominancia tubulárnej architektoniky, fokálne  
papilarity, vretenobunkové arei
- myxoidná stróma bohatá na extracelulárny mucín
- kubické bunky s fokálne vakuolizovanou cytoplazmou,  
low grade nuclei
- v minulosti: neklasifikovaný alebo sarkomatoidný
- Histogeneticky - proximálny nefrón, vztah k  
papilárnemu Ca ?
- distálny nefrón ?, Henleho kľučka ?

# Literatúra

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- Immunohistochemical analysis of mucinous tubular and spindle cell carcinoma and papillary renal cell carcinoma of the kidney: significant immunophenotypic overlap warrants diagnostic caution.
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