



Atlas de Patología IV Año Medicina Vol 5

Curso de Anatomía Patológica
Facultad de Medicina
Universidad de Chile

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Departamento de Anatomía Patológica
Facultad de Medicina Universidad de Chile
Hospital Clínico Universidad de Chile

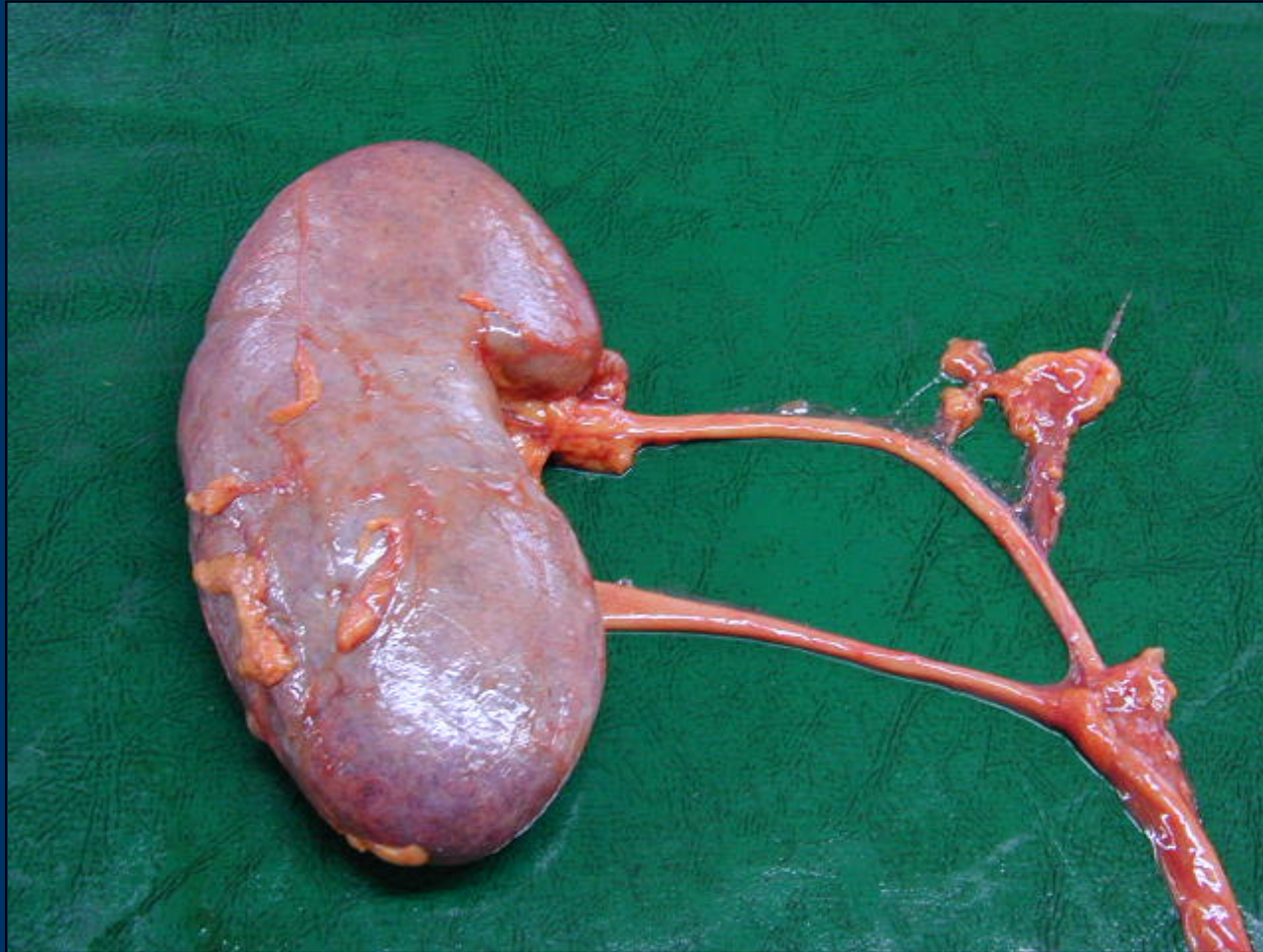
Autores

- Dra. Leonor Moyano
- Dr. Iván Gallegos
- Dra. Laura Carreño
- Dra. Cristina Fernández
- Dra. Paula Segura

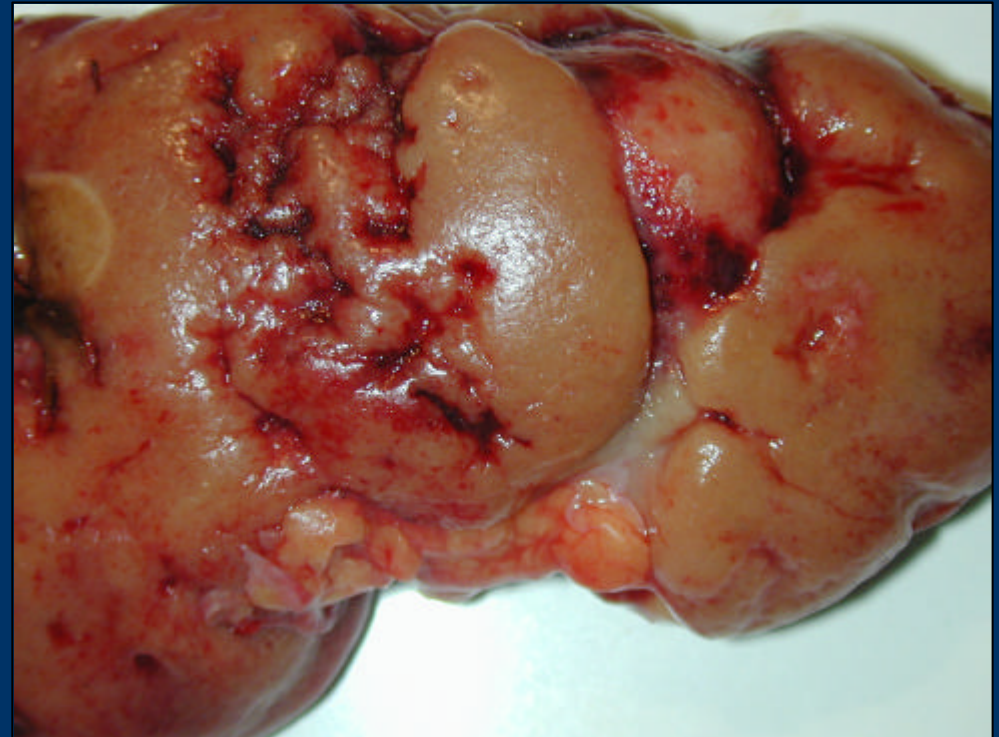
Uropatología

- Pielonefritis crónica
- Doble uréter
- Hidroureteronefrosis
- TBC renal
- Carcinoma de células renales
- Carcinoma urotelial
- Carcinoma de la Próstata
- Tumores testiculares
- Carcinoma espinocelular de pene

Doble Uréter

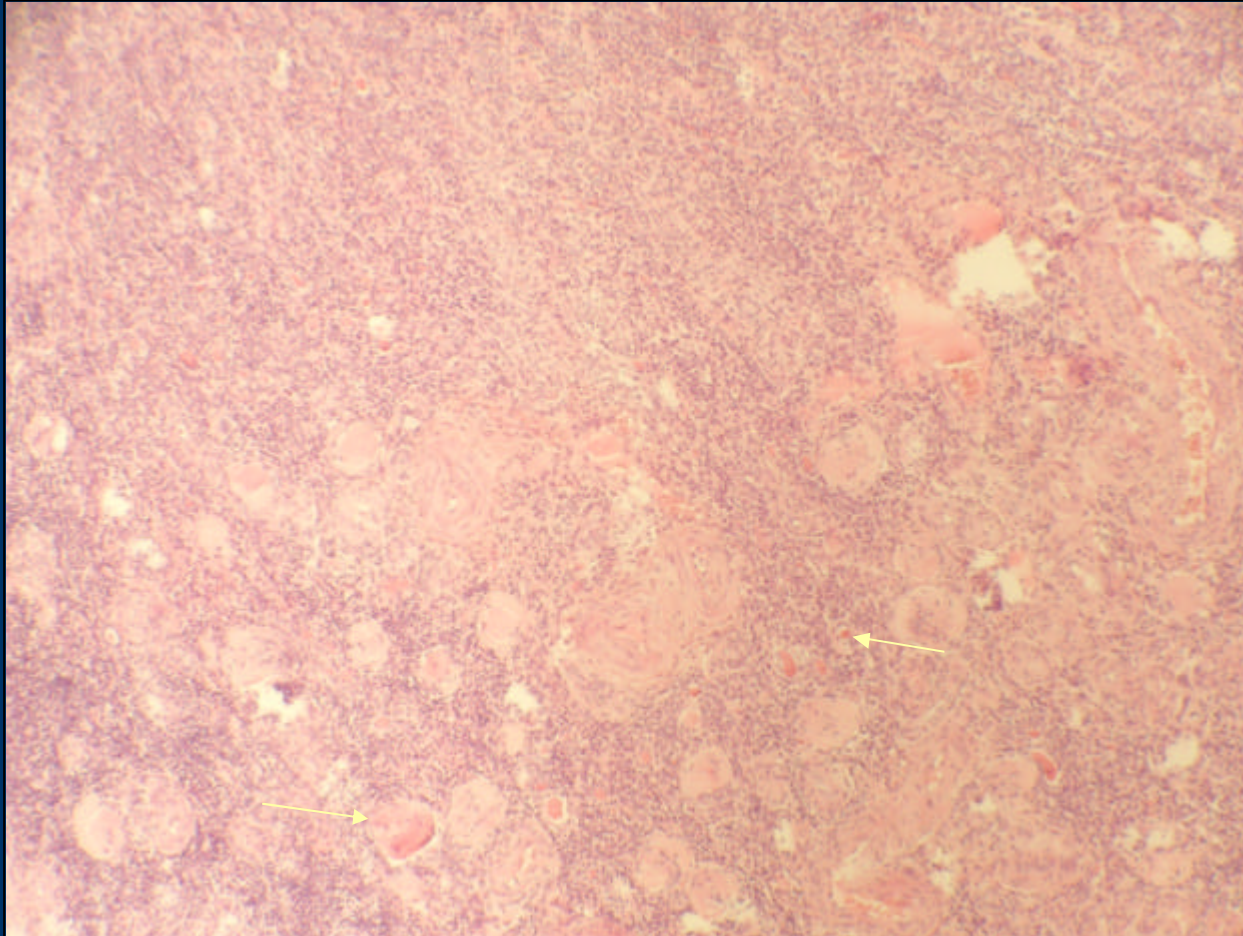


PIELONEFRITIS CRONICA



Cicatrices irregulares deprimidas

PIELONEFRITIS CRONICA

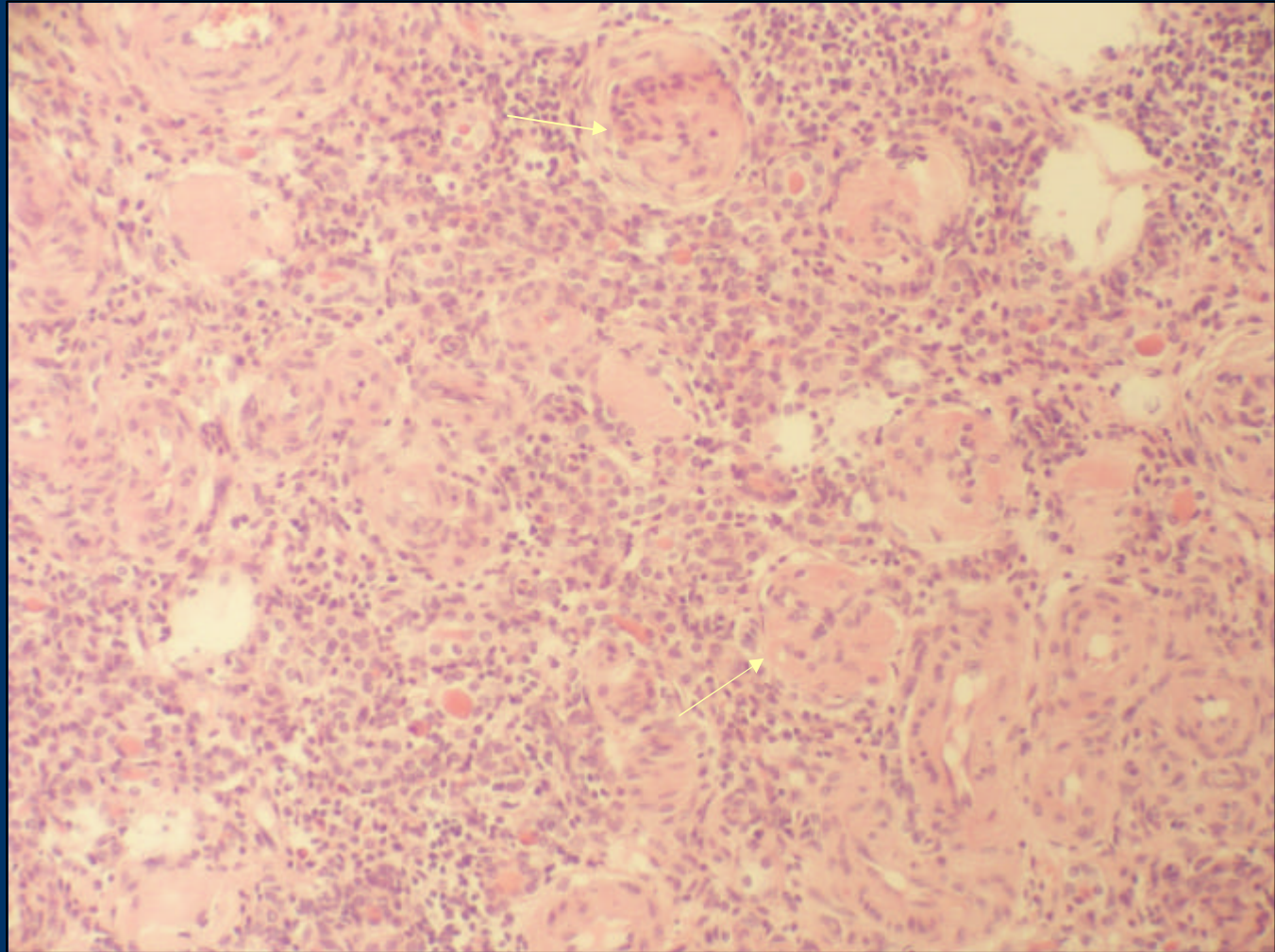


ATROFIA TUBULAR

INFILTRADO
LINFOPLASMOCITARIO

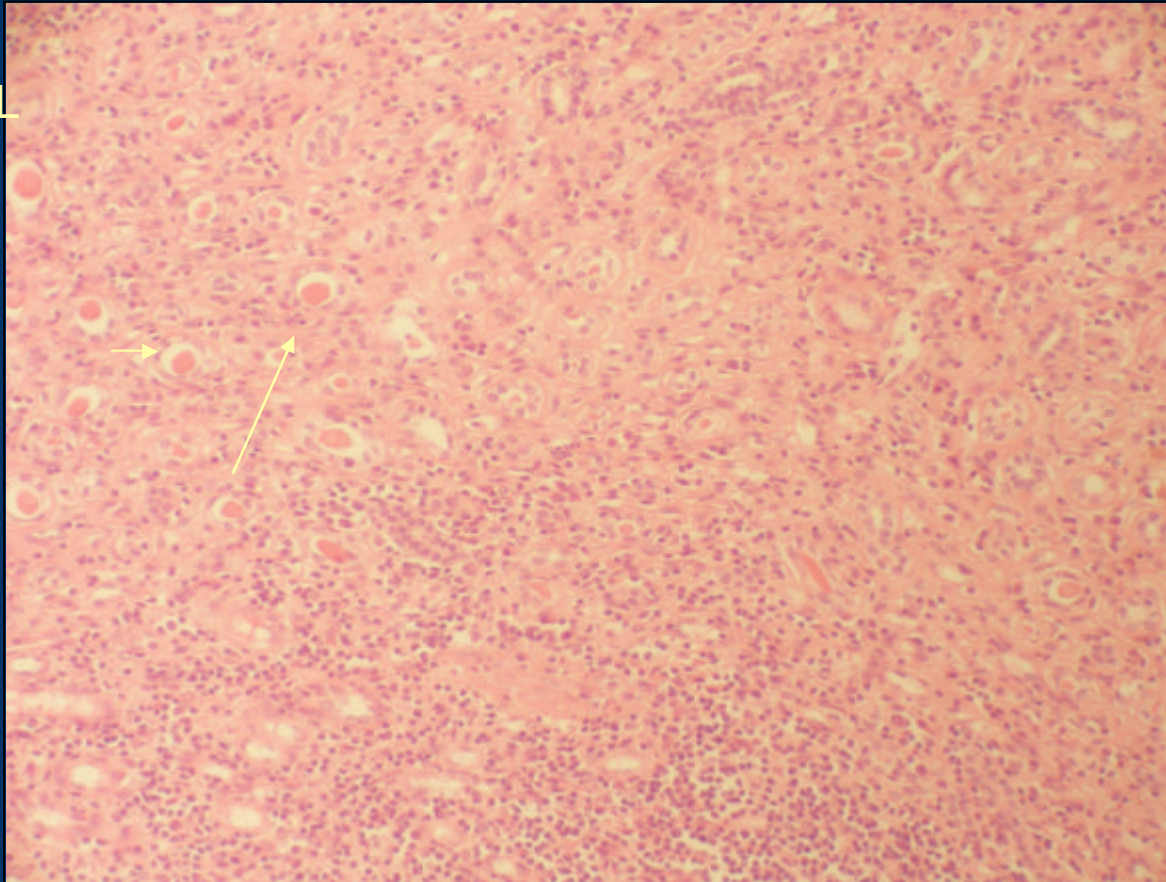
PIELONEFRITIS CRONICA

GLOMERULOS
ESCLEROSADOS



PIELONEFRITIS CRONICA

FIBROSIS
INTERSTICIAL

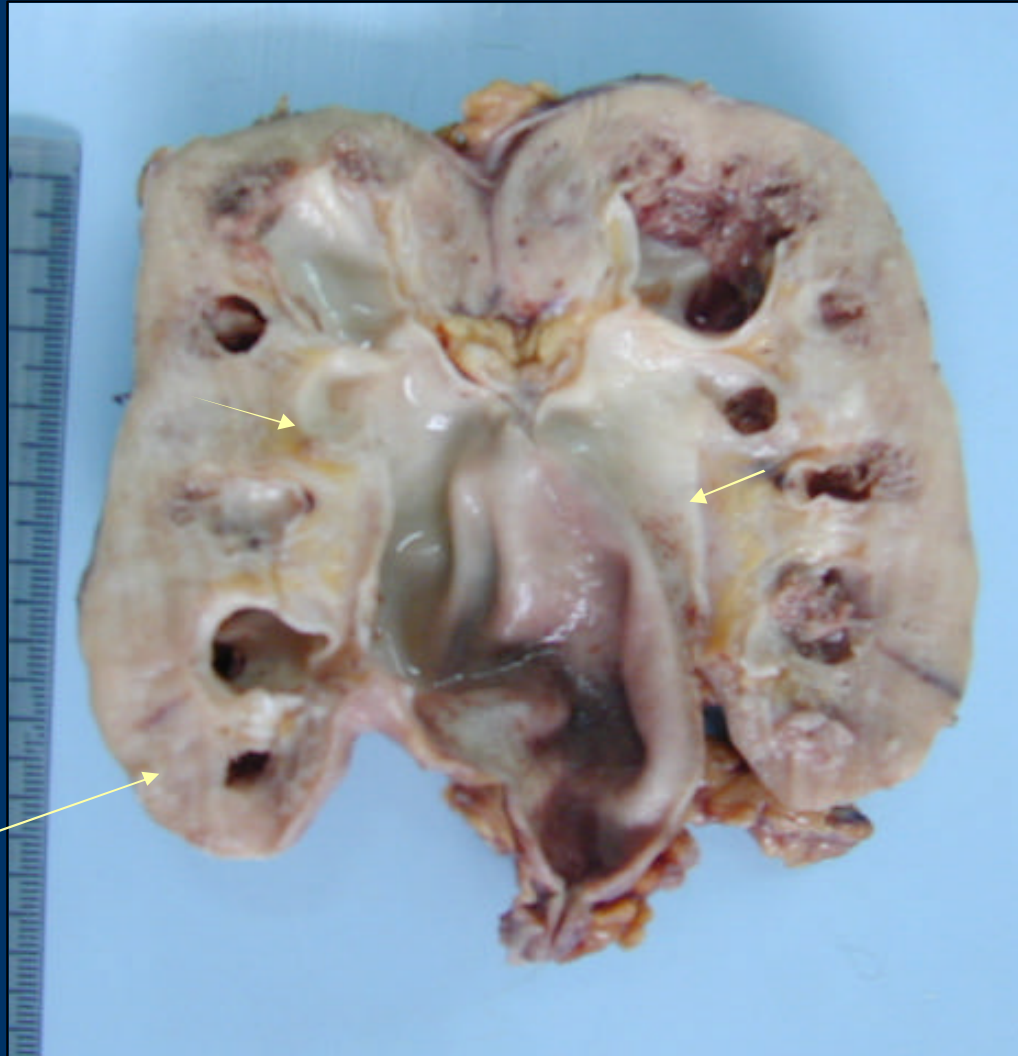


TIROIDIZACION TUBULAR CON CONTENIDO EOSINOFILO

HIDROURETERONEFROSIS

DILATACION SISTEMA
PIELOCALICIARIO

ATROFIA CORTICAL



TBC



Quiste con caseum

NEFROESCLEROSIS Y PIELONEFITIS CRONICA

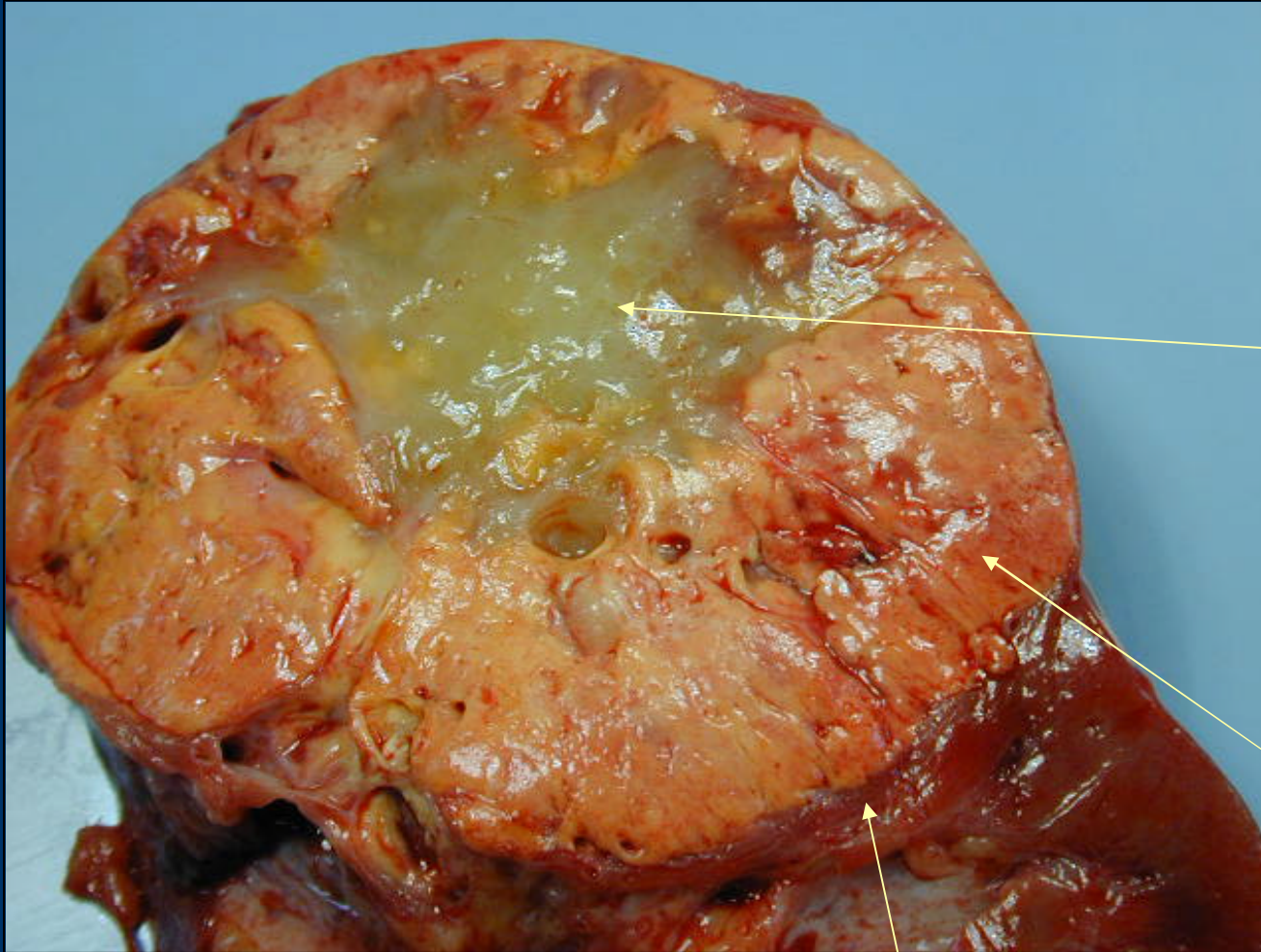


RIÑON DISMINUIDO DE TAMAÑO

SUPERFICIE GRANULAR FINA

CICATRICES REDONDEADAS
DEPRIMIDAS PEQUEÑAS

CARCINOMA DE CELULAS RENALES



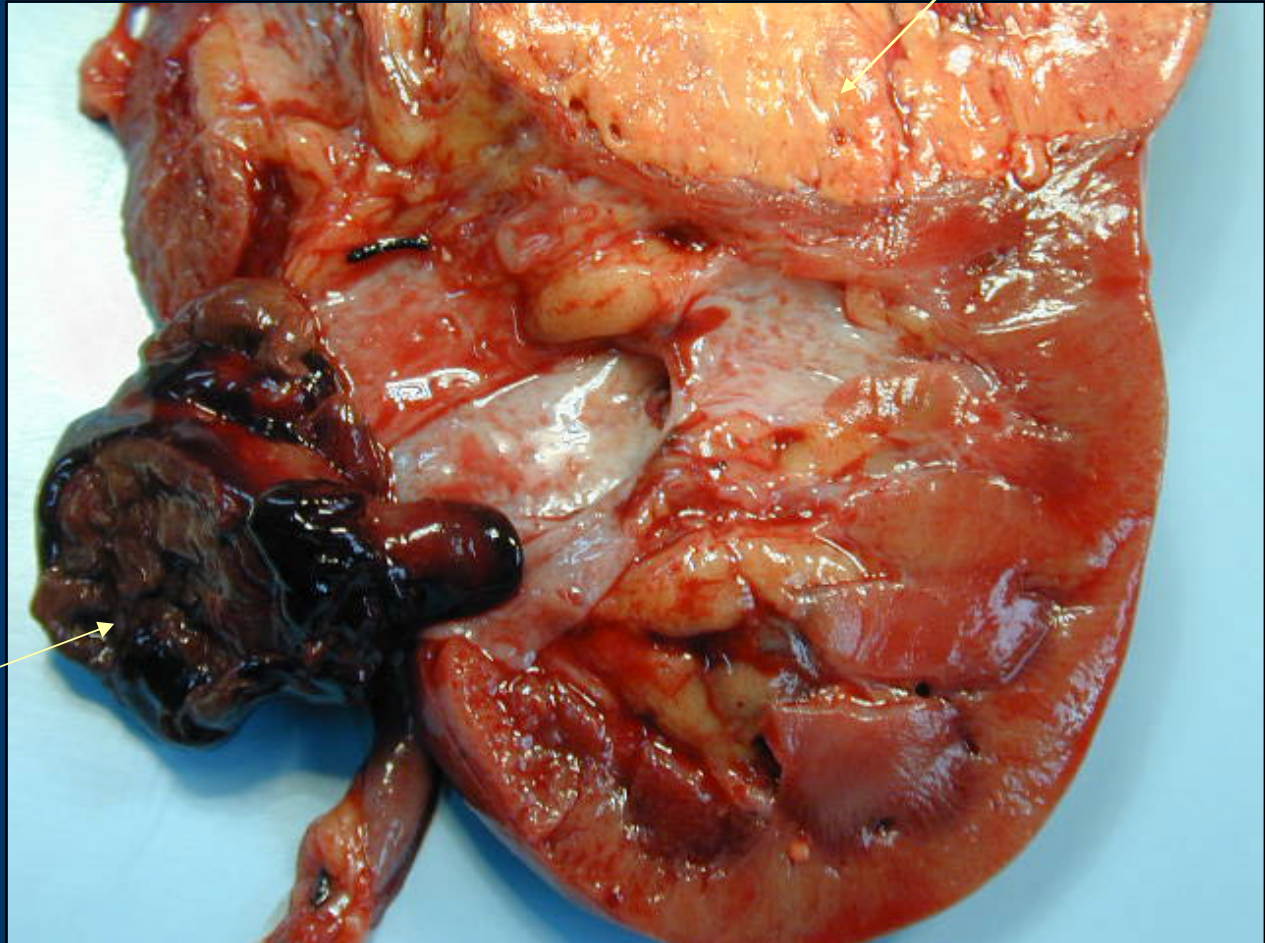
Centro de
degeneración
mixoide

Tumor
amarillo dorado

Tumor mas o menos delimitado, crecimiento expansivo, no encapsulado

CARCINOMA DE CELULAS RENALES

Tumor



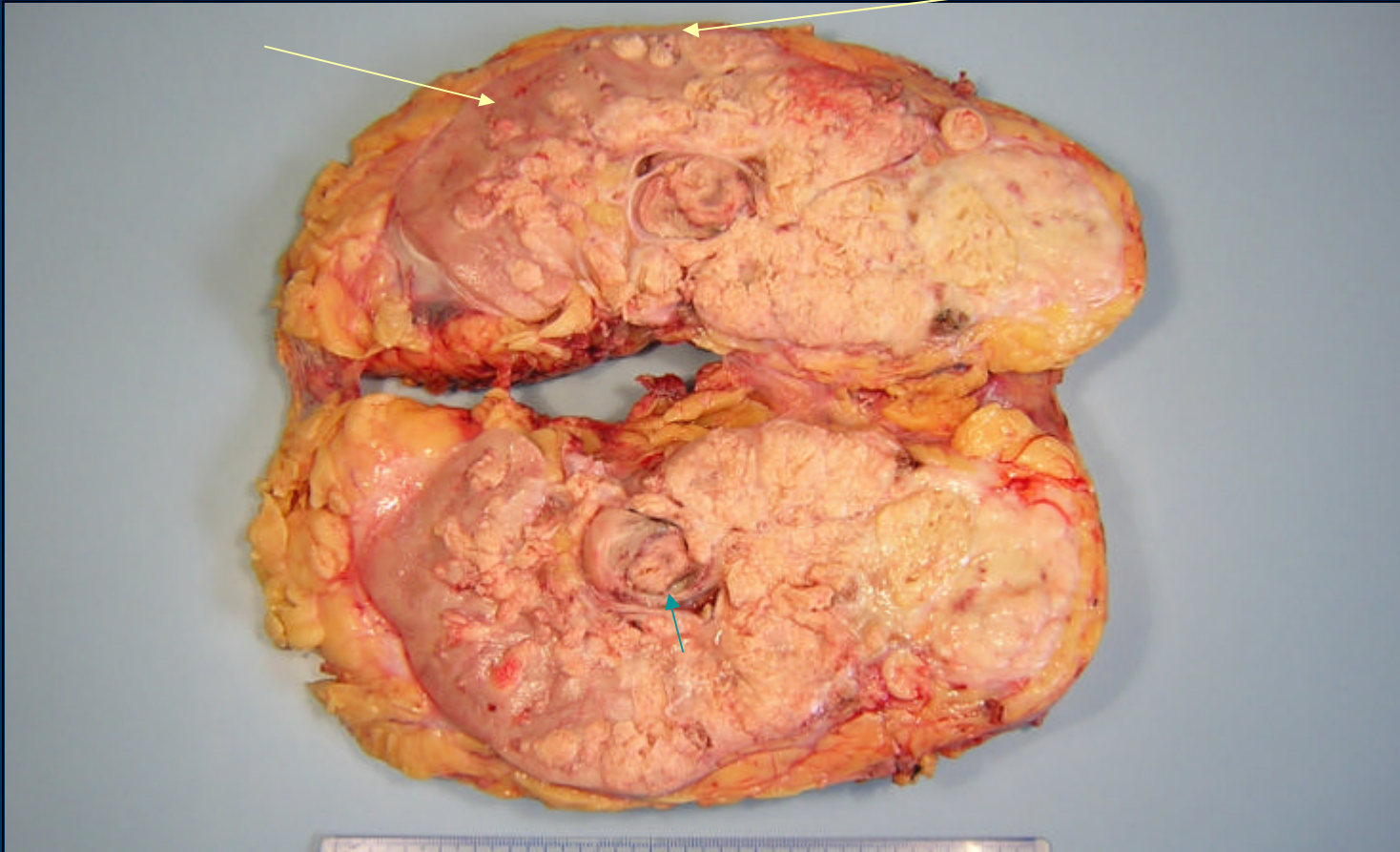
Trombo tumoral

Invasión de vena renal

CARCINOMA DE CELULAS RENALES

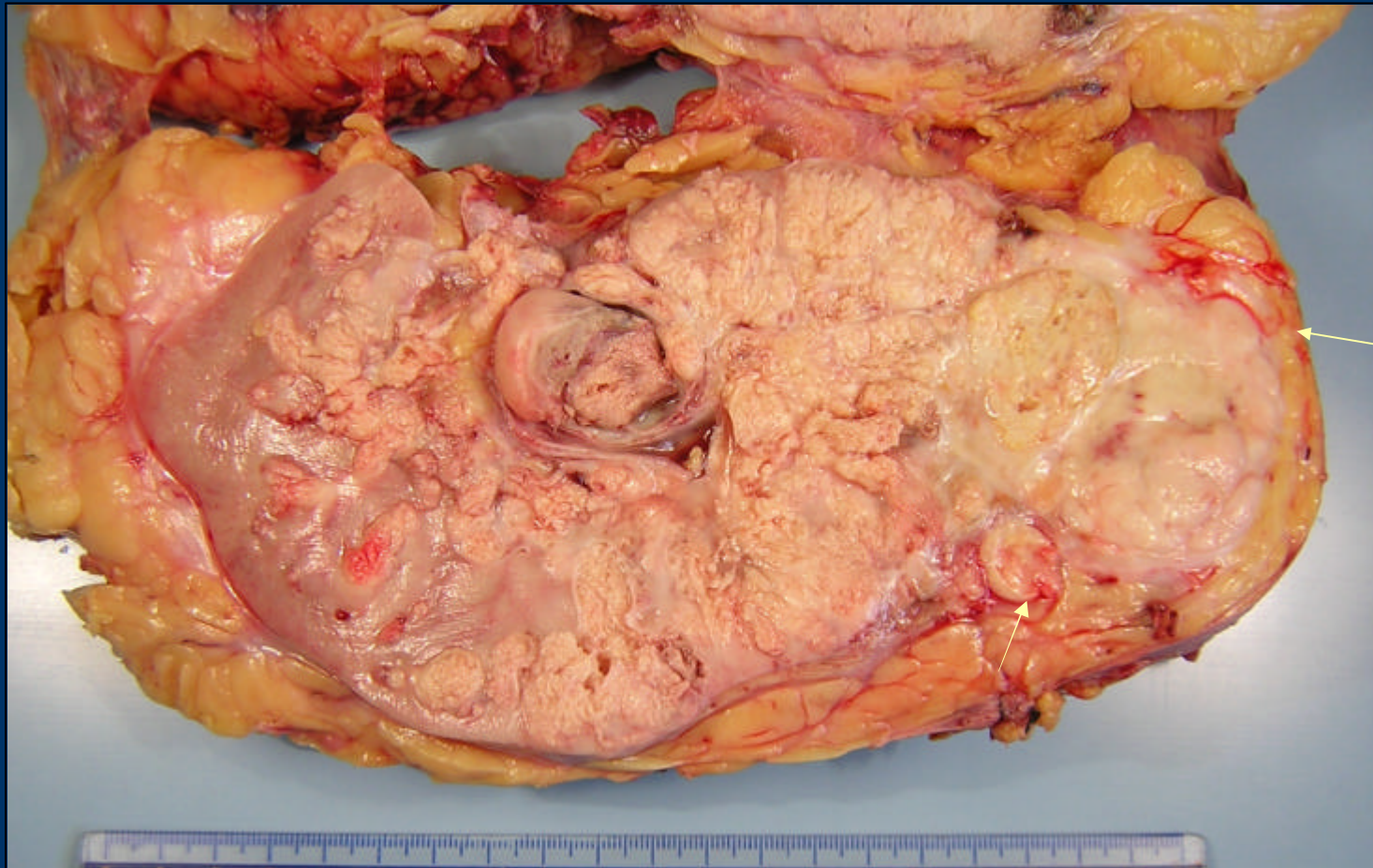
BORDE INFILTRANTE

NODULOS SATELITES



TROMBO TUMORAL
EN VENA RENAL

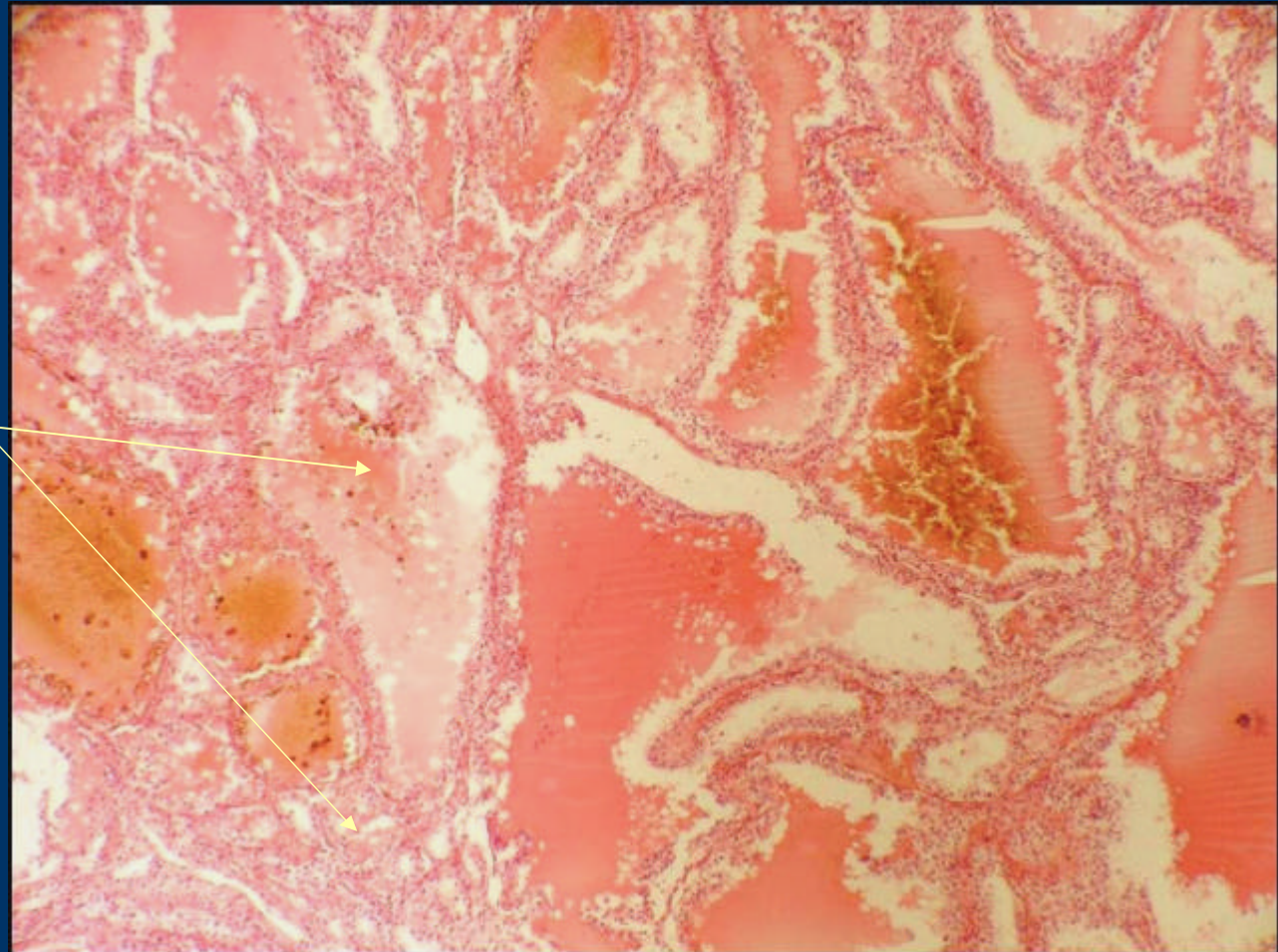
CARCINOMA DE CELULAS RENALES



EXTENSION EXTRARRENAL

CARCINOMA DE CELULAS CLARAS

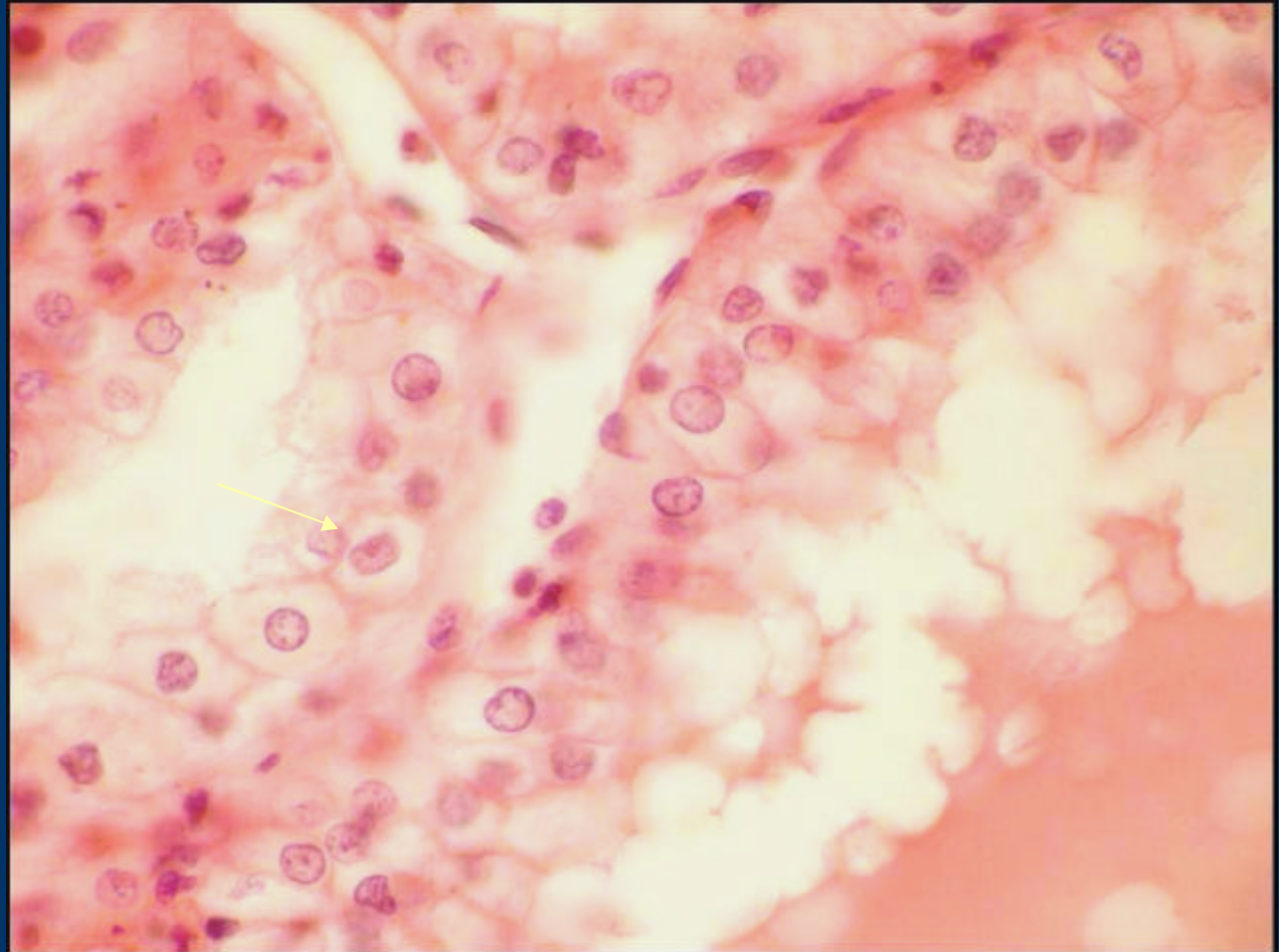
PATRON TUBULAR
Y QUISTICO



CARCINOMA DE CELULAS CLARAS

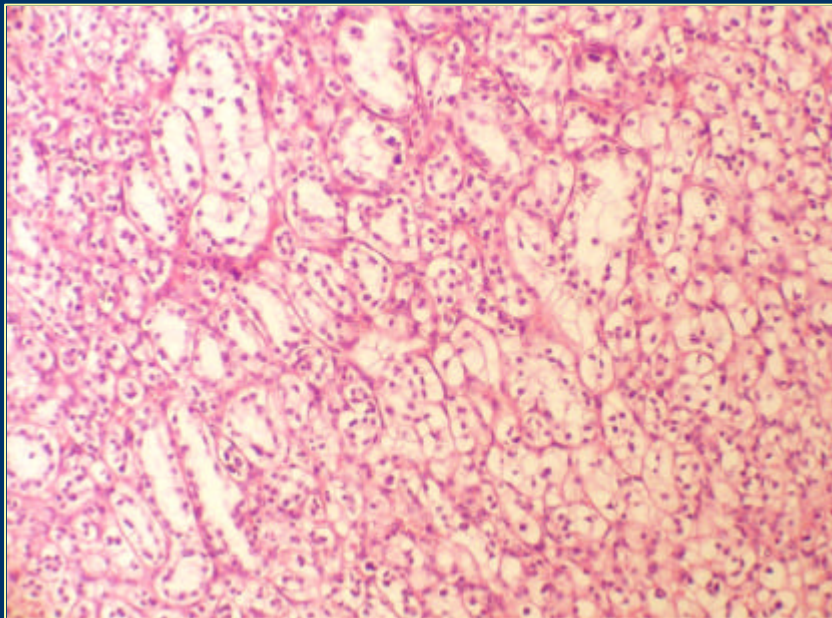
CITOPLASMA
OPTICAMENTE
VACIO

GRADO NUCLEAR 1

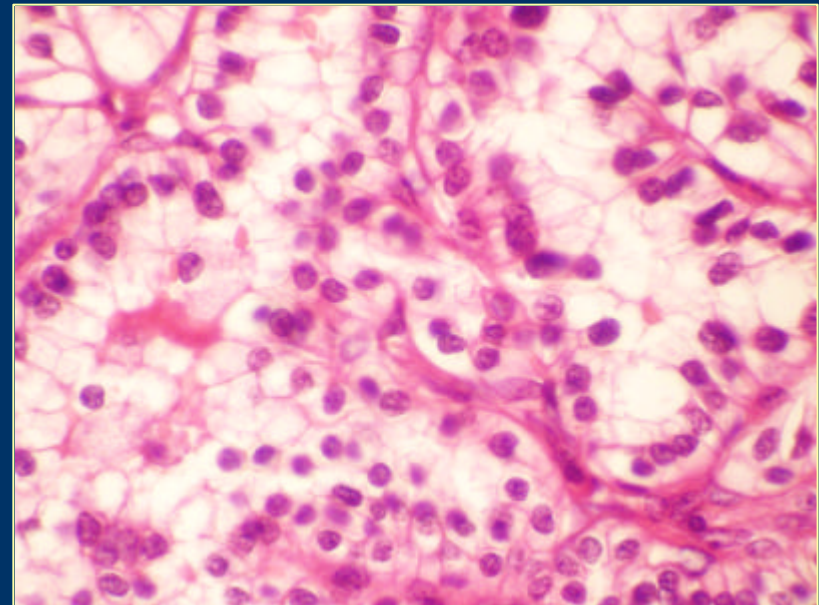


CARCINOMA DE CELULAS CLARAS

PATRON SÓLIDO Y TUBULAR
CON ESCASO ESTROMA Y
RICA VASCULARIZACION

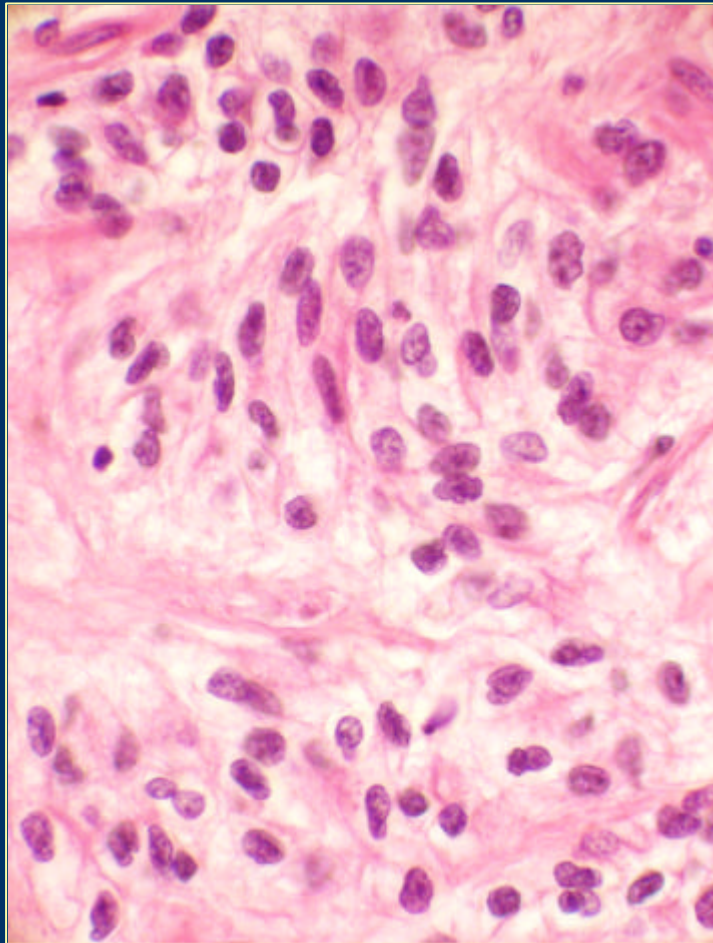


CELULAS GRANDES DE
CITOPLASMA CLARO

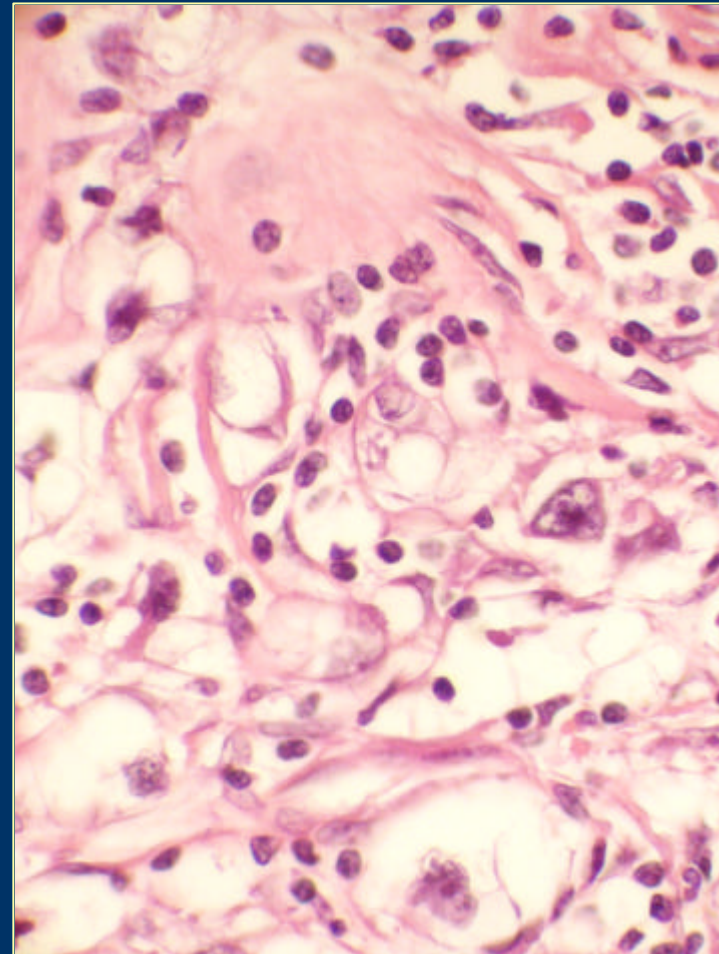


GRADO NUCLEAR 2

CARCINOMA DE CELULAS CLARAS

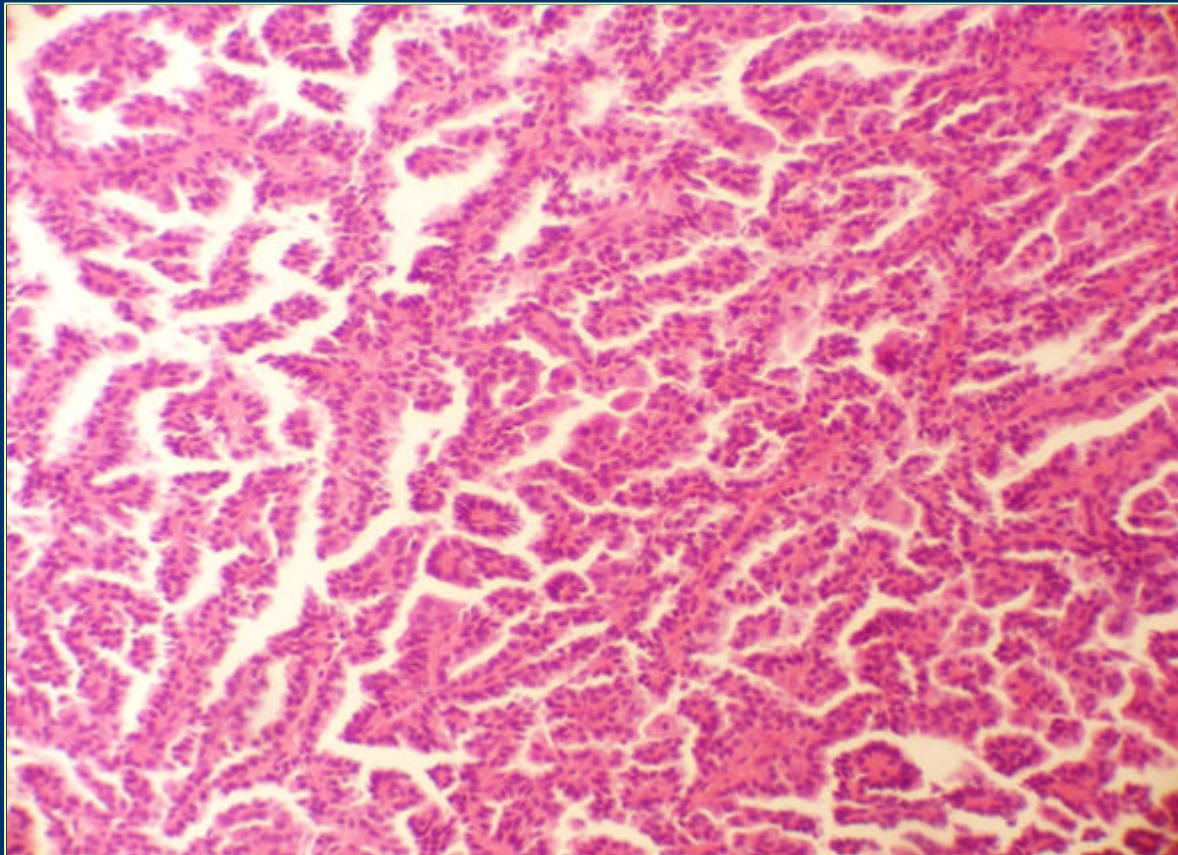


GRADO NUCLEAR 3



GRADO NUCLEAR 4

CARCINOMA RENAL PAPILAR

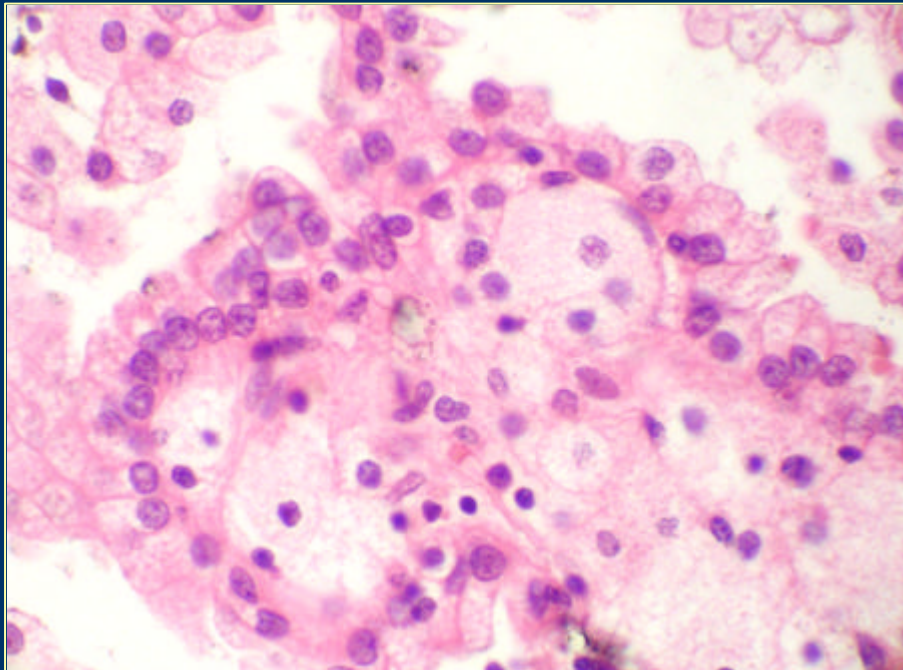


PATRON PAPILAR
HOMOGENEO

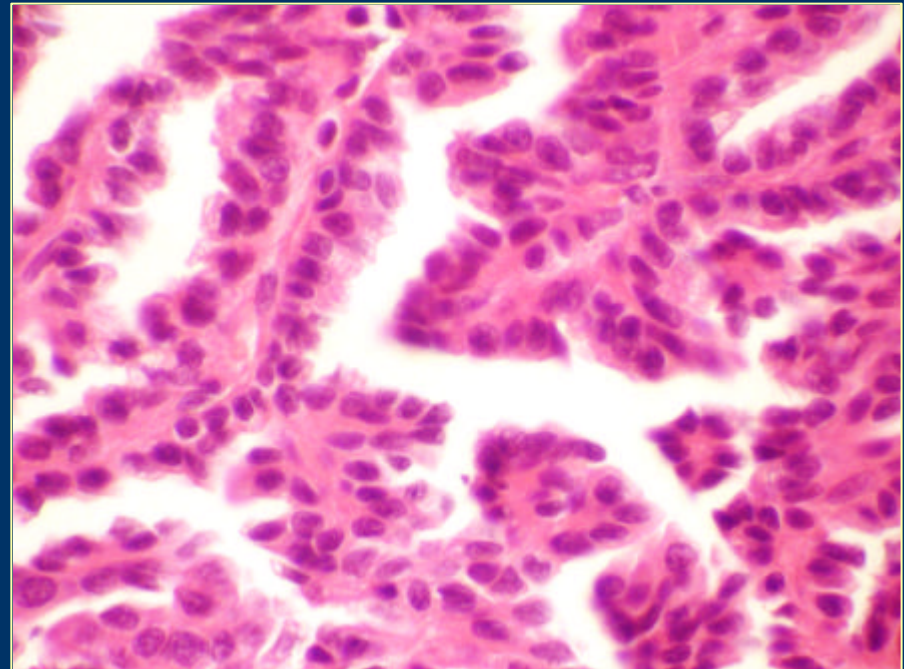
DELGADOS TABIQUES
VASCULARES

CARCINOMA PAPILAR

PRESENCIA DE HISTIOCITOS
ESPUMOSOS EN CENTRO
DE LAS PAPILAS

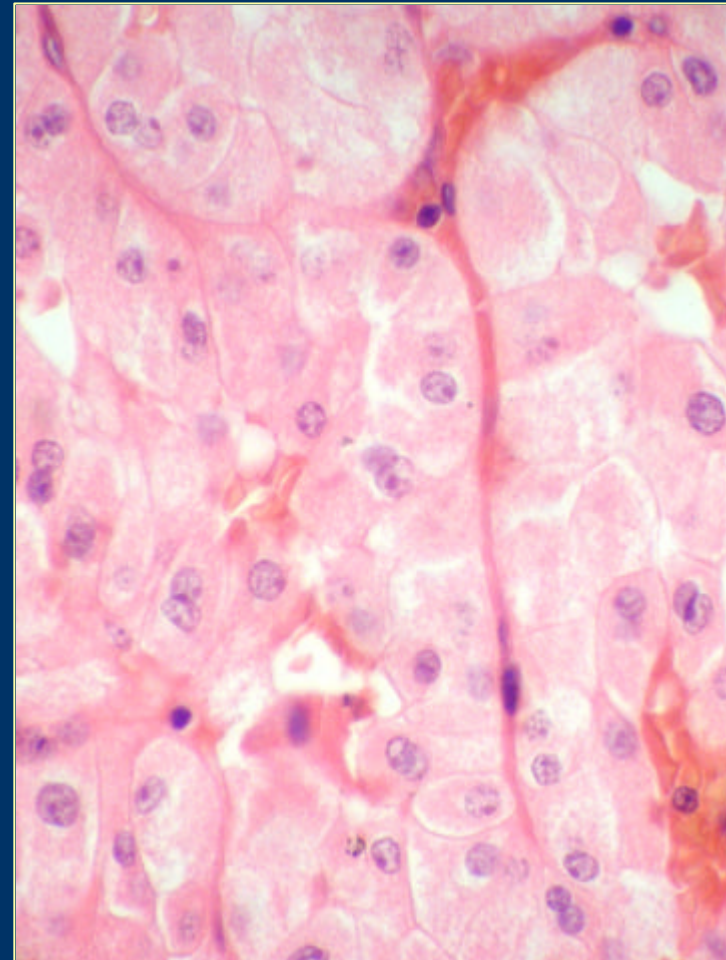
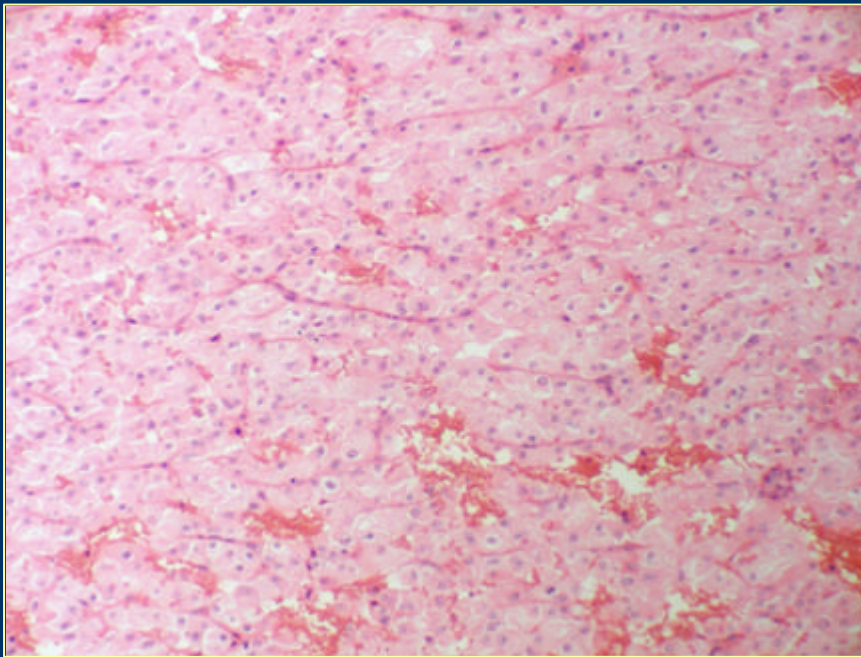


CELULAS CILINDRICAS BAJAS
CITOPLASMA EOSINOFILO
BAJO GRADO NUCLEAR



CARCINOMA CROMOFOBICO

PATRON SÓLIDO CON CELULAS
GRANDES Y EOSINÓFILAS

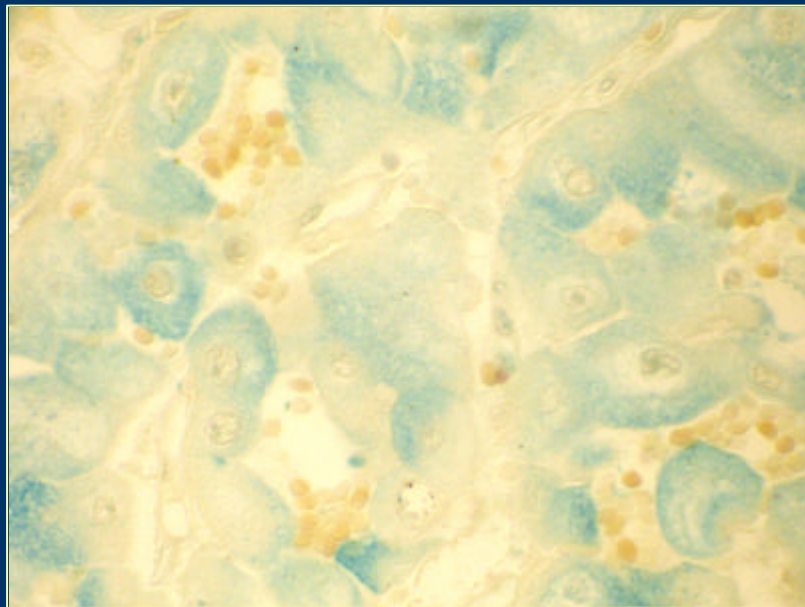


CITOPLASMA GRANULAR
BORDES CELULARES NETOS
GRADO NUCLEAR 3

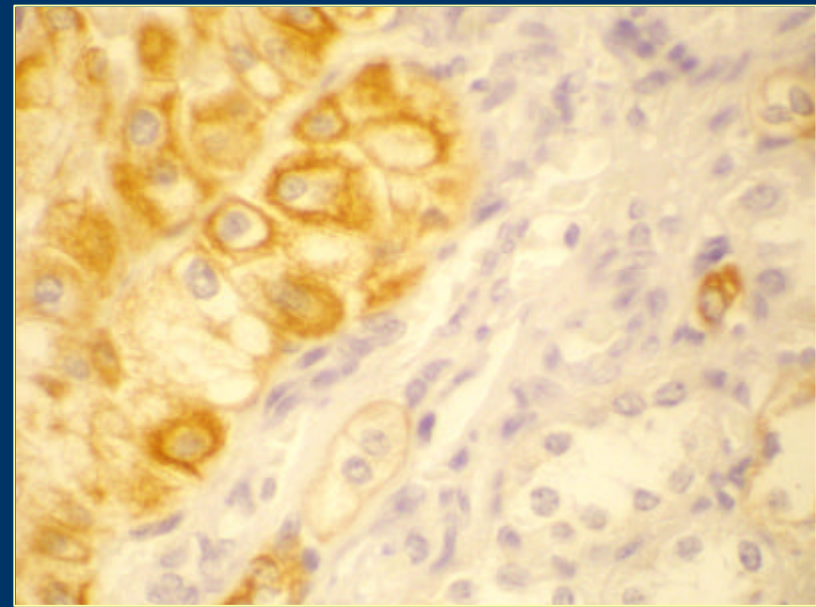
CARCINOMA CROMOFOBOL

TECNICAS AUXILIARES

HIERRO COLOIDAL DE HALE

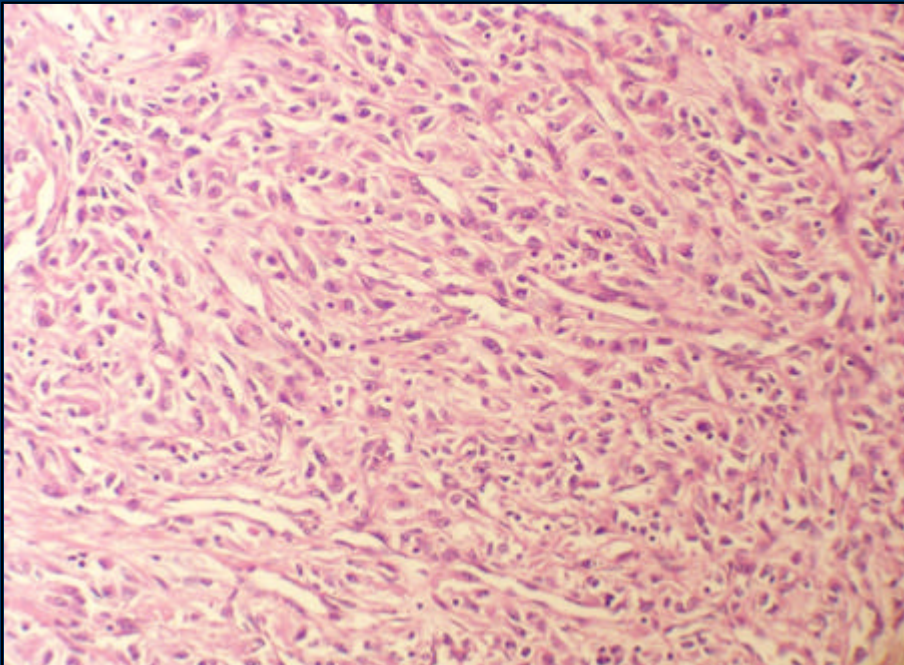


CITOKERATINA 7

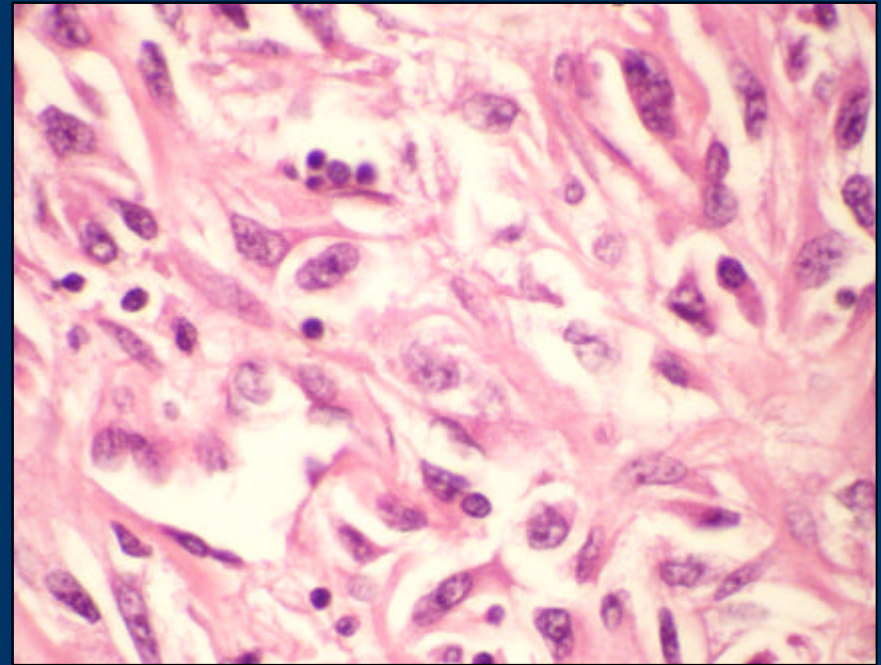


CARCINOMA SARCOMATOIDE

PATRON FUSADO
CELULARIDAD HETEROGENEA

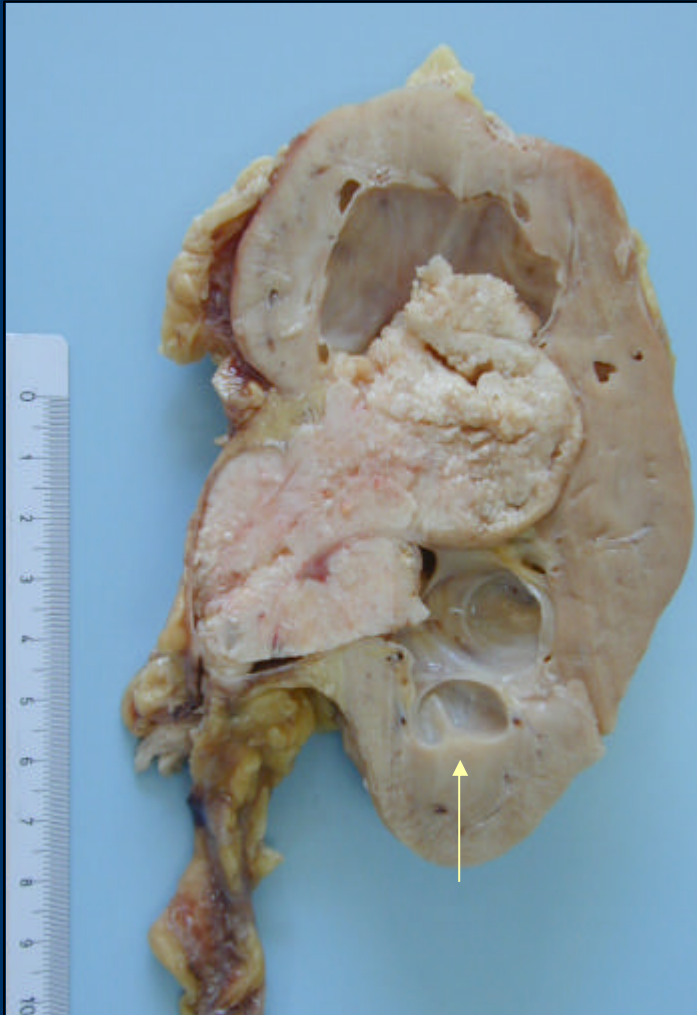


ACENTUADA ATIPIA CELULAR
SIMULA SARCOMA DE ALTO GRADO

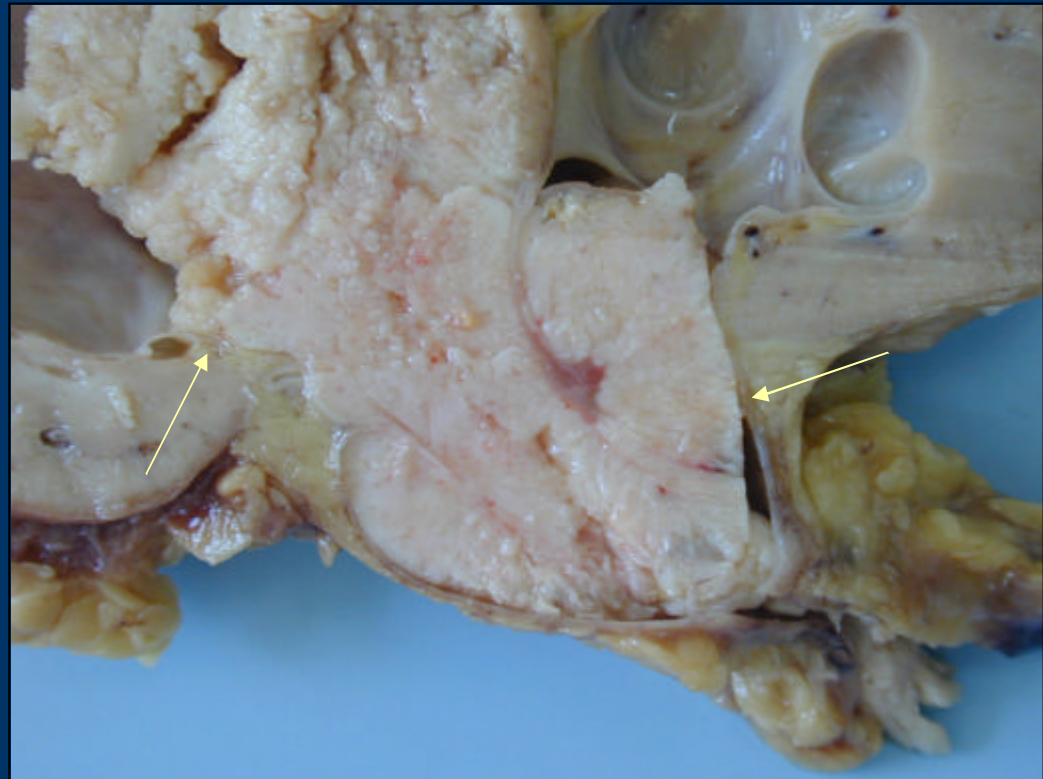


CARCINOMA UROTELIAL DE PELVIS RENAL

TUMOR CENTRAL



DILATACION DE CALICES

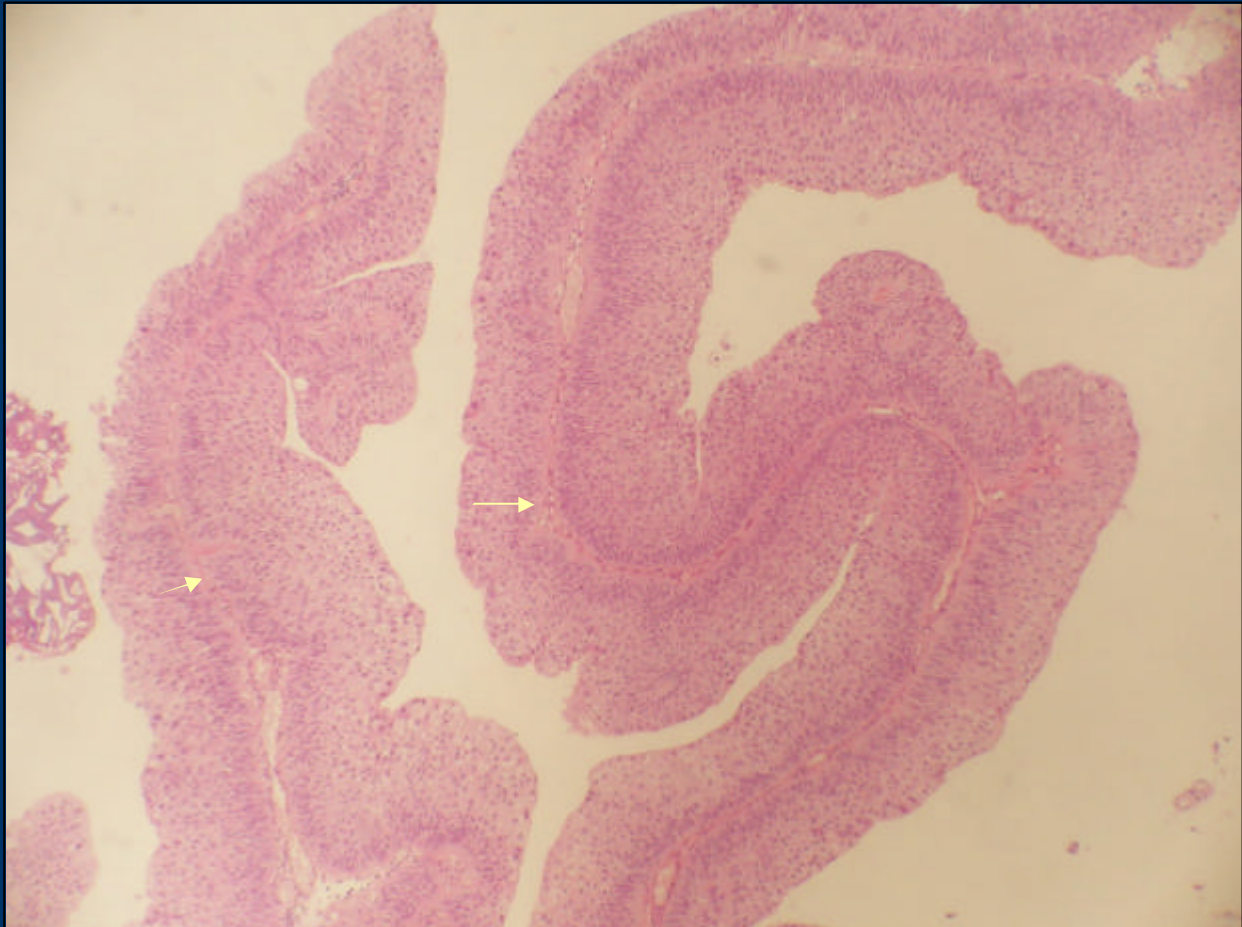


RELLENA PELVIS RENAL Y SALIDA
DEL URETER

CARCINOMA UROTELIAL PAPILAR DE BAJO GRADO

PAPILAS REVESTIDAS
POR UROTELIO
NEOPLASICO

EJE CONECTIVO
VASCULAR

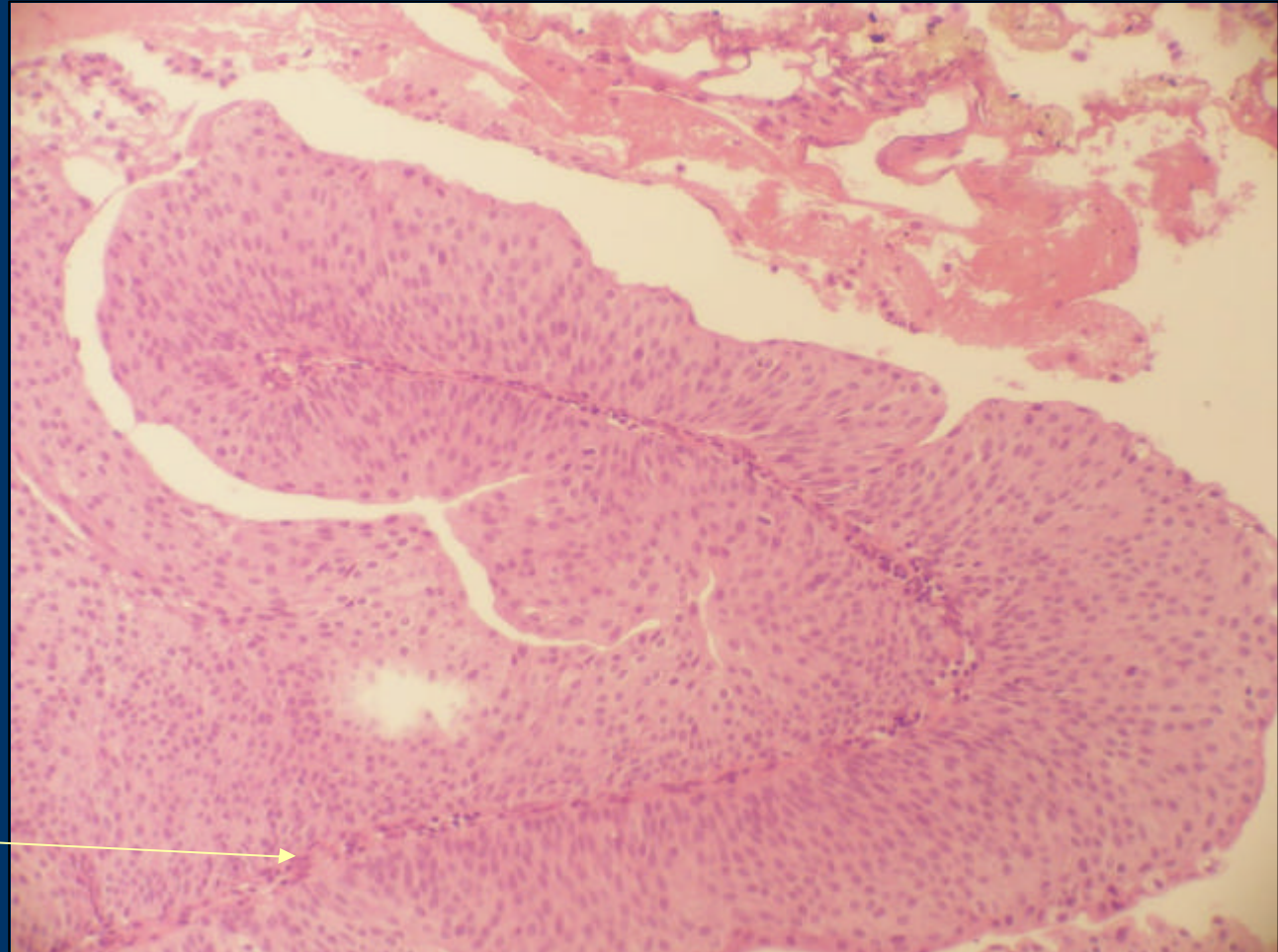


CARCINOMA UROTELIAL PAPILAR DE BAJO GRADO

FORMACION DE
PAPILAS

UROTELIO LEVE
ALTERACION DE LA
POLARIDAD

NO INFILTRA
LAMINA PROPIA

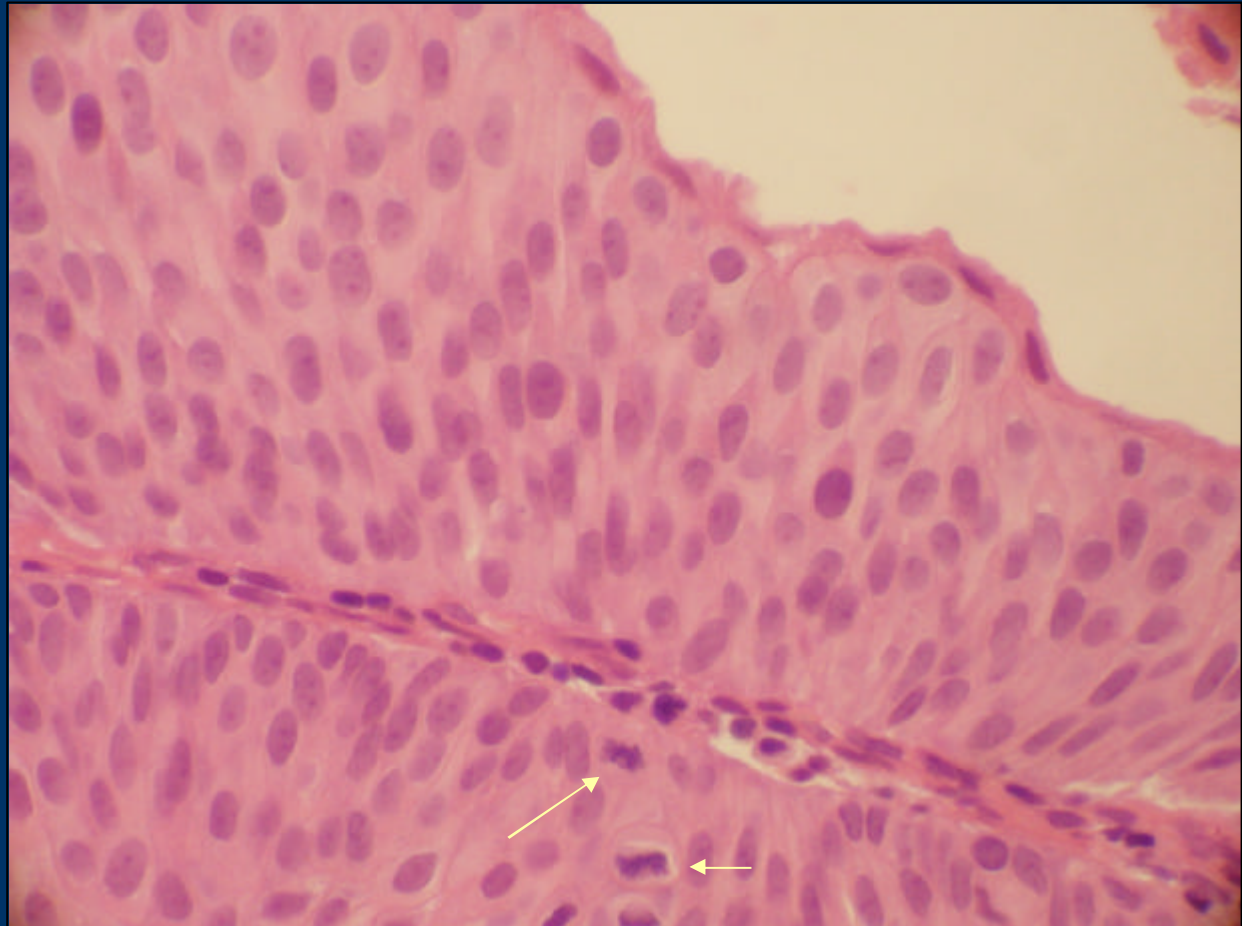


CARCINOMA UROTELIAL PAPILAR DE BAJO GRADO

LEVE ATIPIA NUCLEAR

NUCLEOS AUMENTADOS
DE TAMAÑO

MITOSIS FOCALES

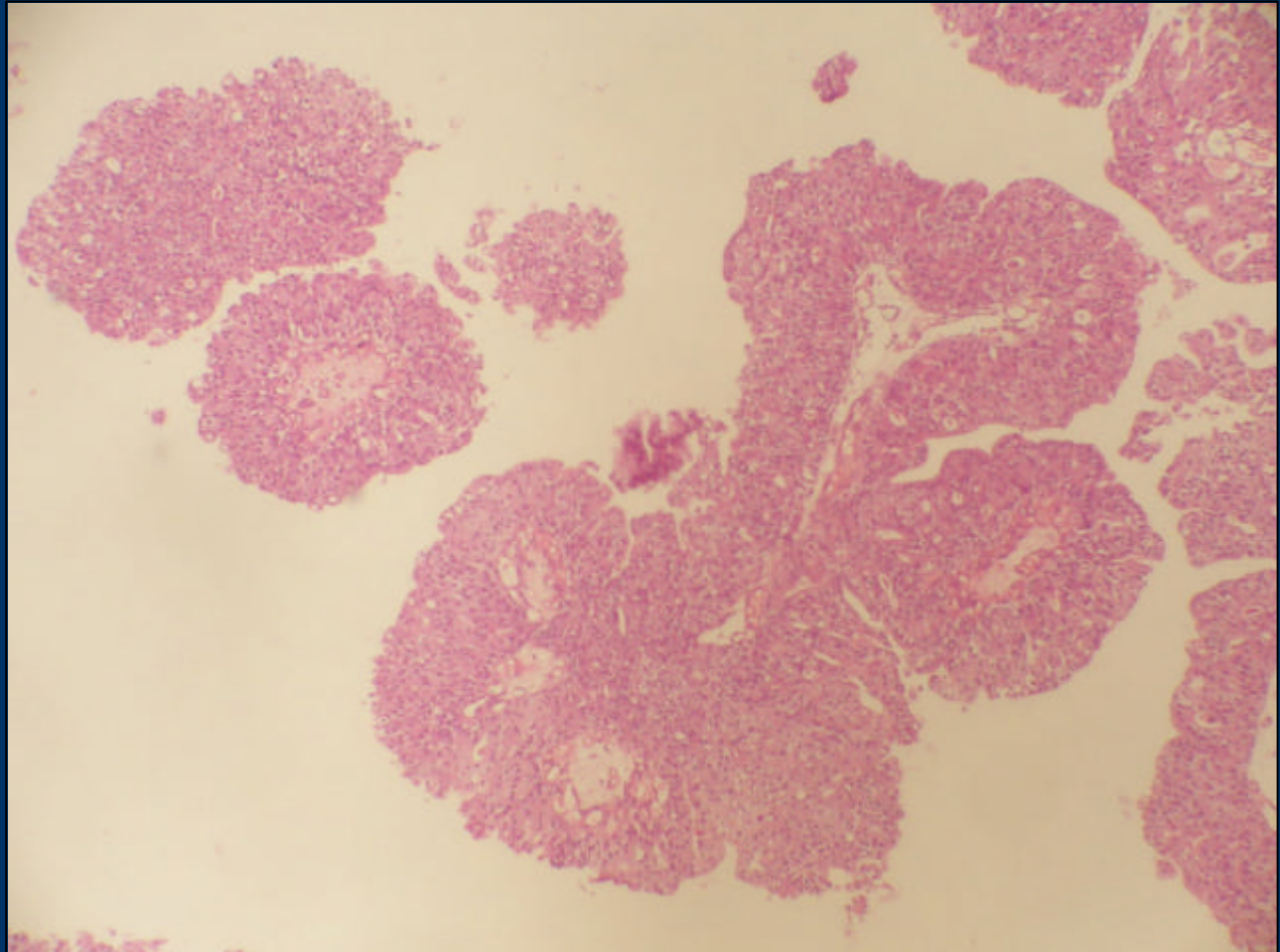


CARCINOMA UROTELIAL PAPILAR DE ALTO GRADO

PERSISTE FORMACION
DE PAPILAS

MAYOR PERDIDA DE
LA POLARIDAD

NO INFILTRACION DE
LAMINA PROPIA

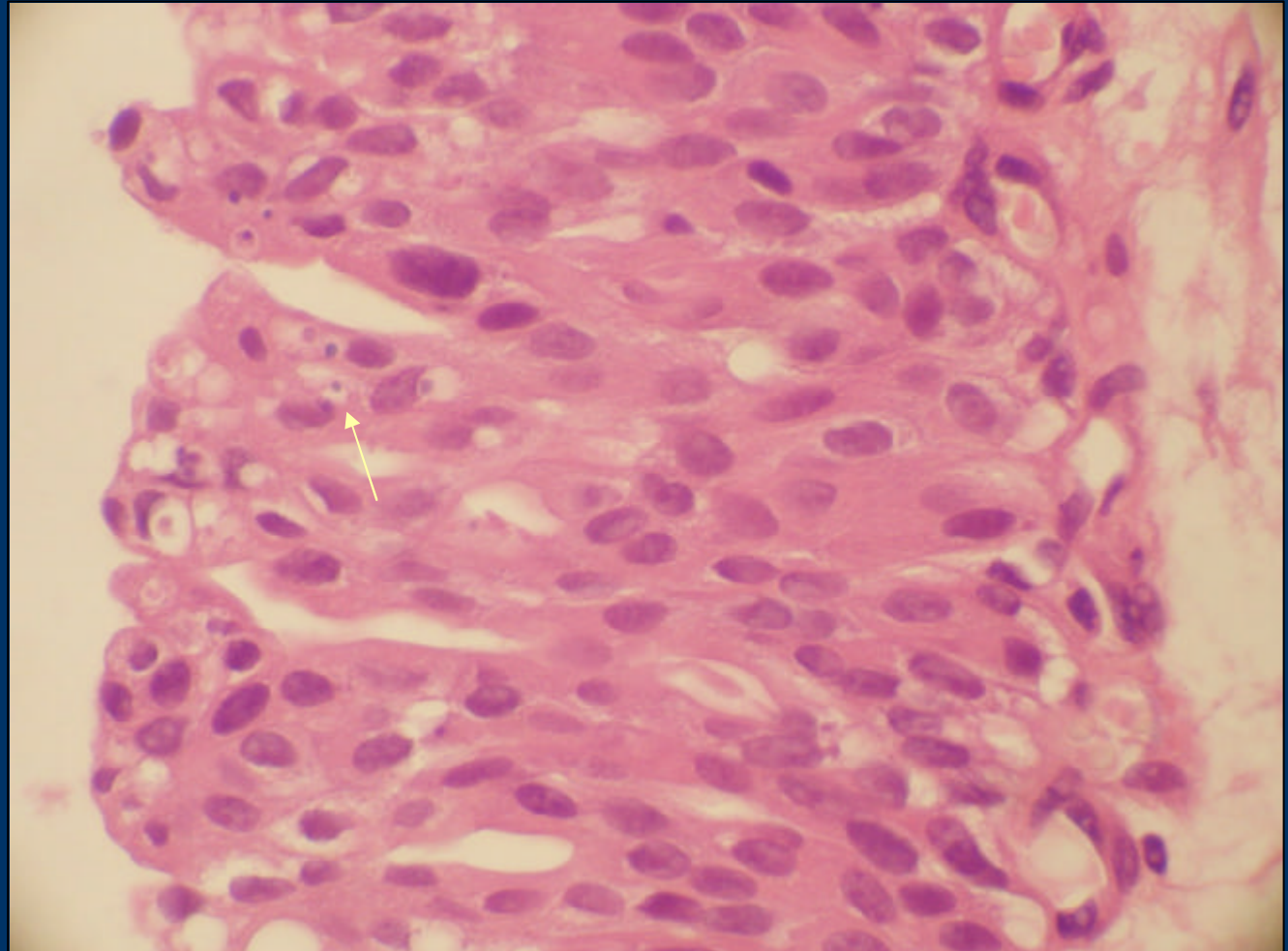


CARCINOMA UROTELIAL PAPILAR DE BAJO GRADO

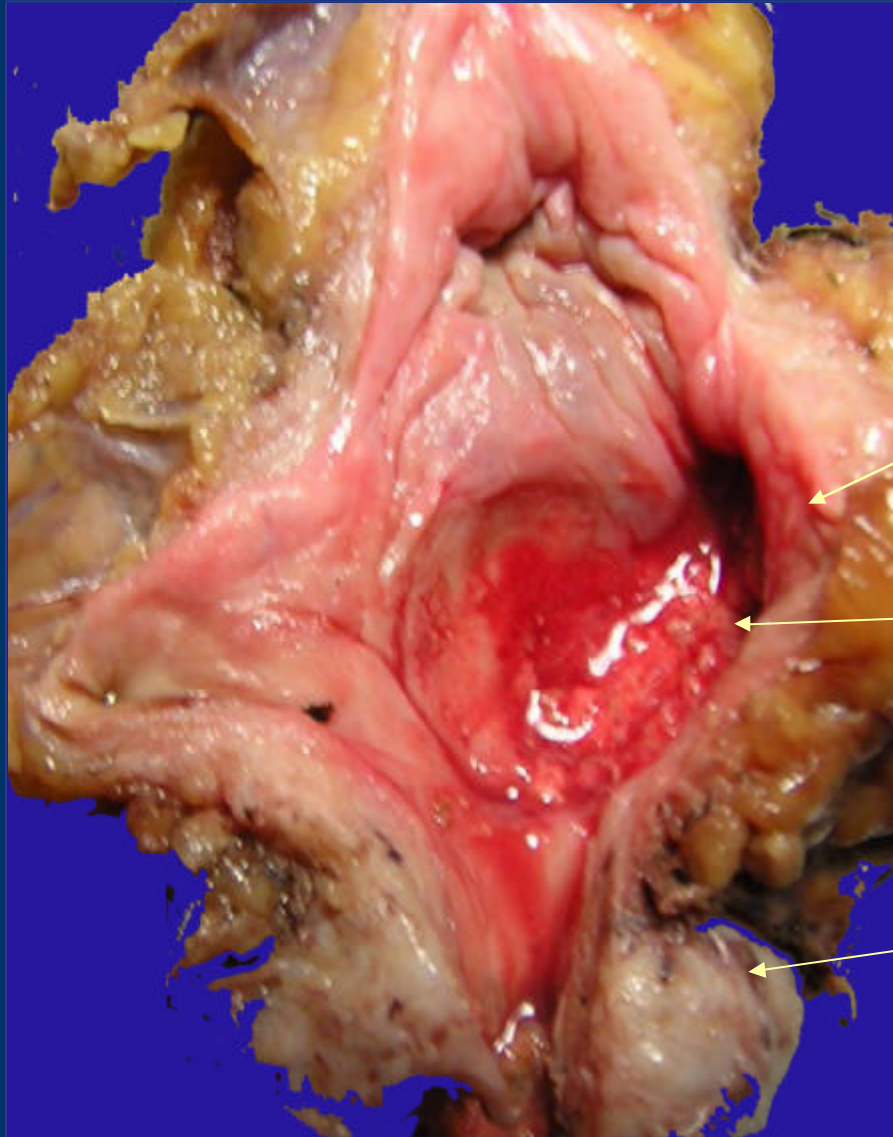
ALTA ATIPIA
NUCLEAR

CUERPOS
APOPTOTICOS

DISCOHESIVIDAD
CELULAR



CARCINOMA VESICAL INFILTRANTE



ZONA ULCERADA CON
ENGROSAMIENTO PARIETAL

FONDO HEMORRAGICO

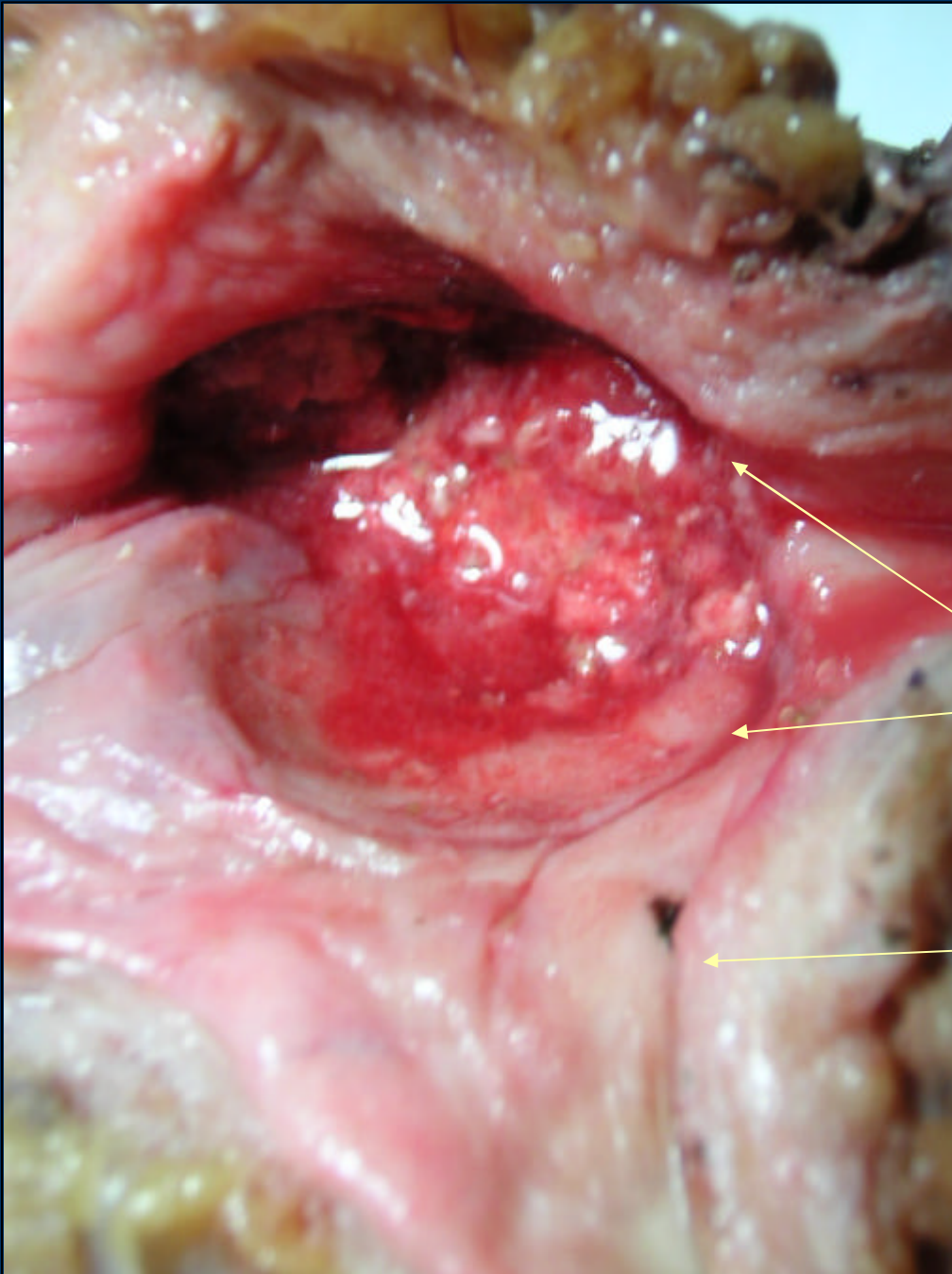
PROSTATA

CARCINOMA VESICAL INFILTRANTE

ULCERA DE REBORDE
MAMELONADO

COMPROMETE PARED
LATERAL Y TRIGONO

MUCOSA NO NEOPLASICA

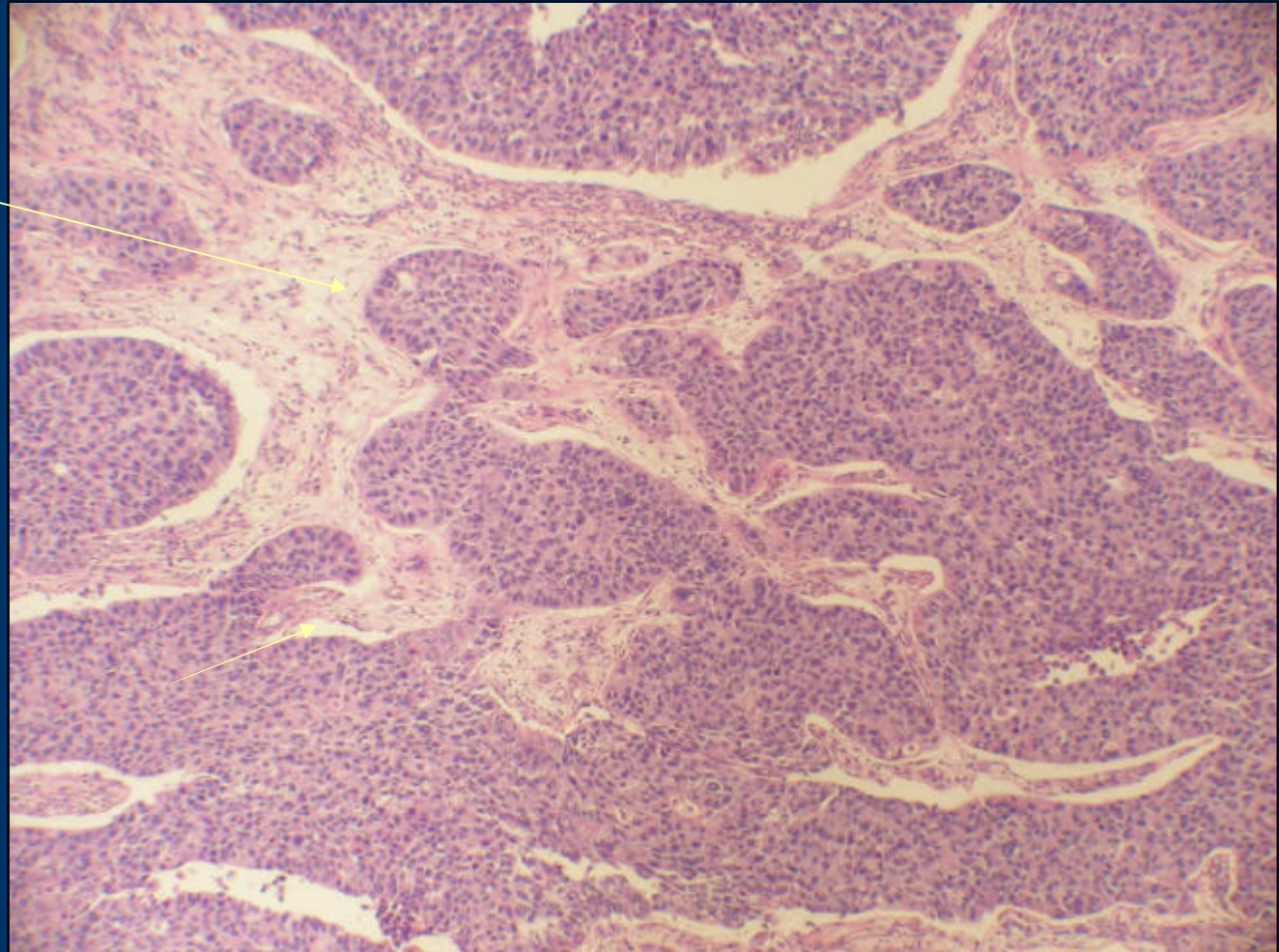


CARCINOMA UROTELIAL INVASOR

NIDOS GEOGRAFICOS
DE CONTORNOS
IRREGULARES

ALTA ATIPIA

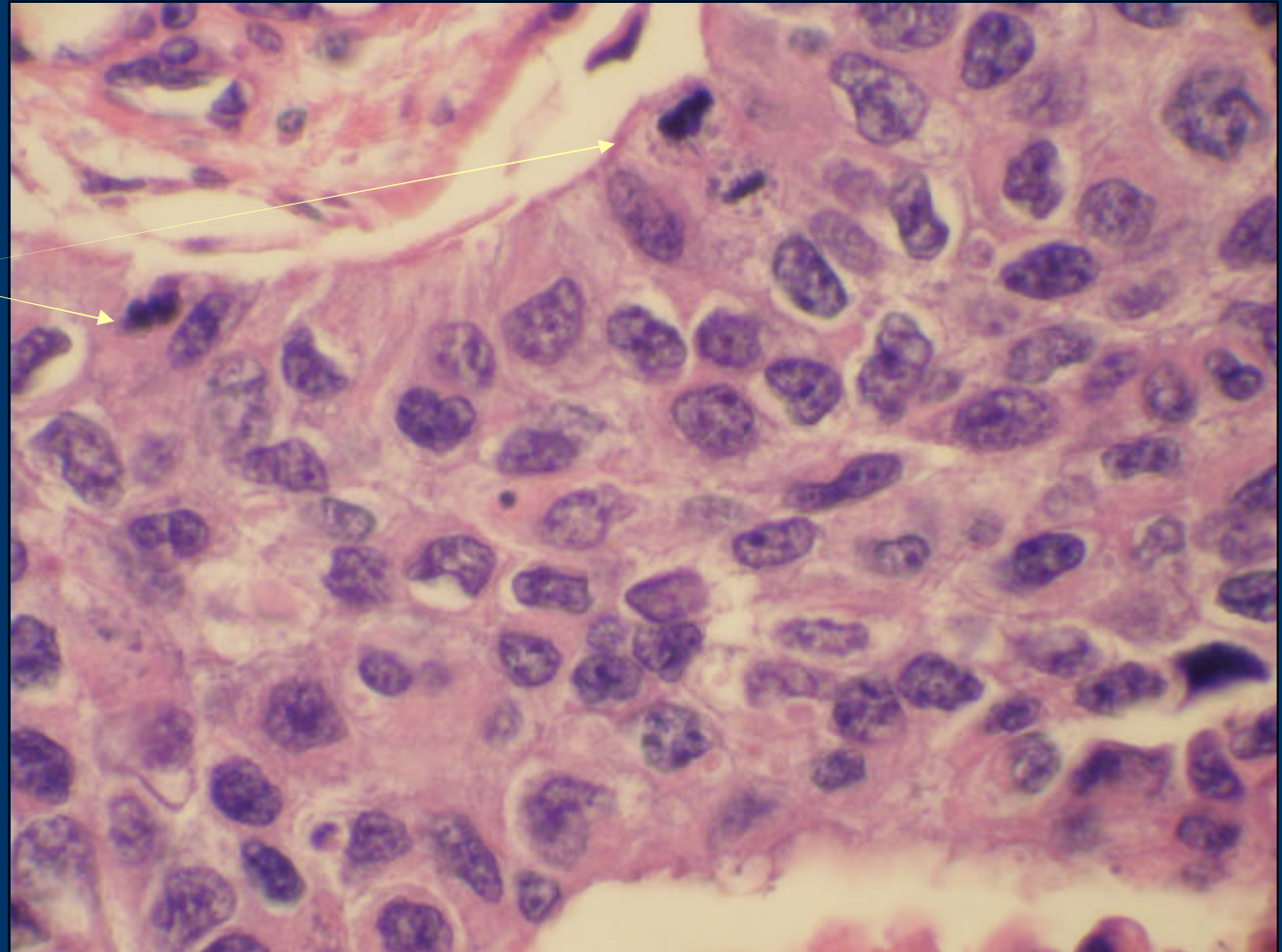
DESMOPLASIA



CARCINOMA UROTELIAL INVASOR

ALTO NUMERO DE
MITOSIS

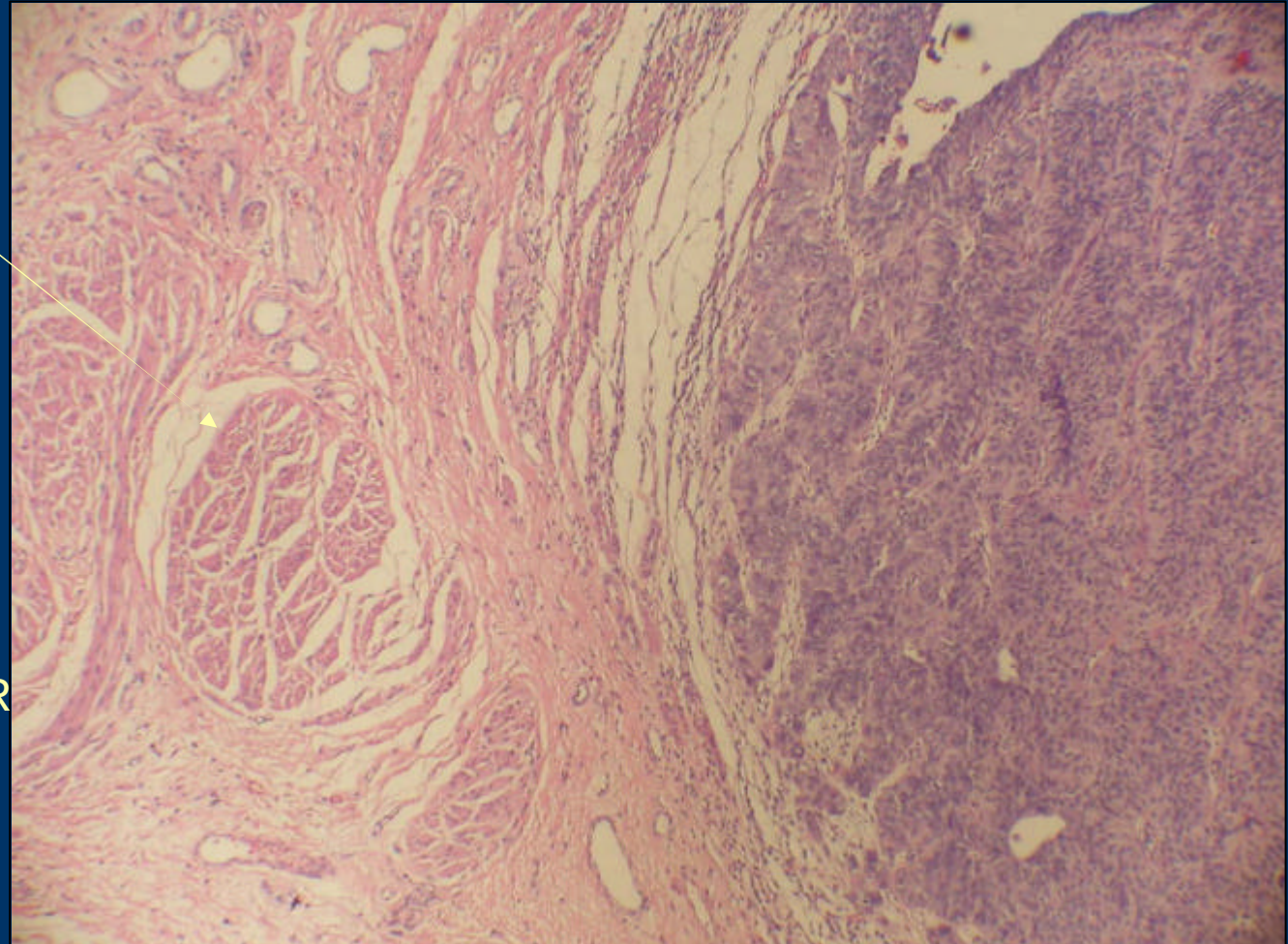
ALTO GRADO
NUCLEAR



CARCINOMA UROTELIAL INVASOR

INFILTRACION DE
LA MUSCULAR

CARCINOMA DE
ALTO GRADO EN
PATRON TRABECULAR

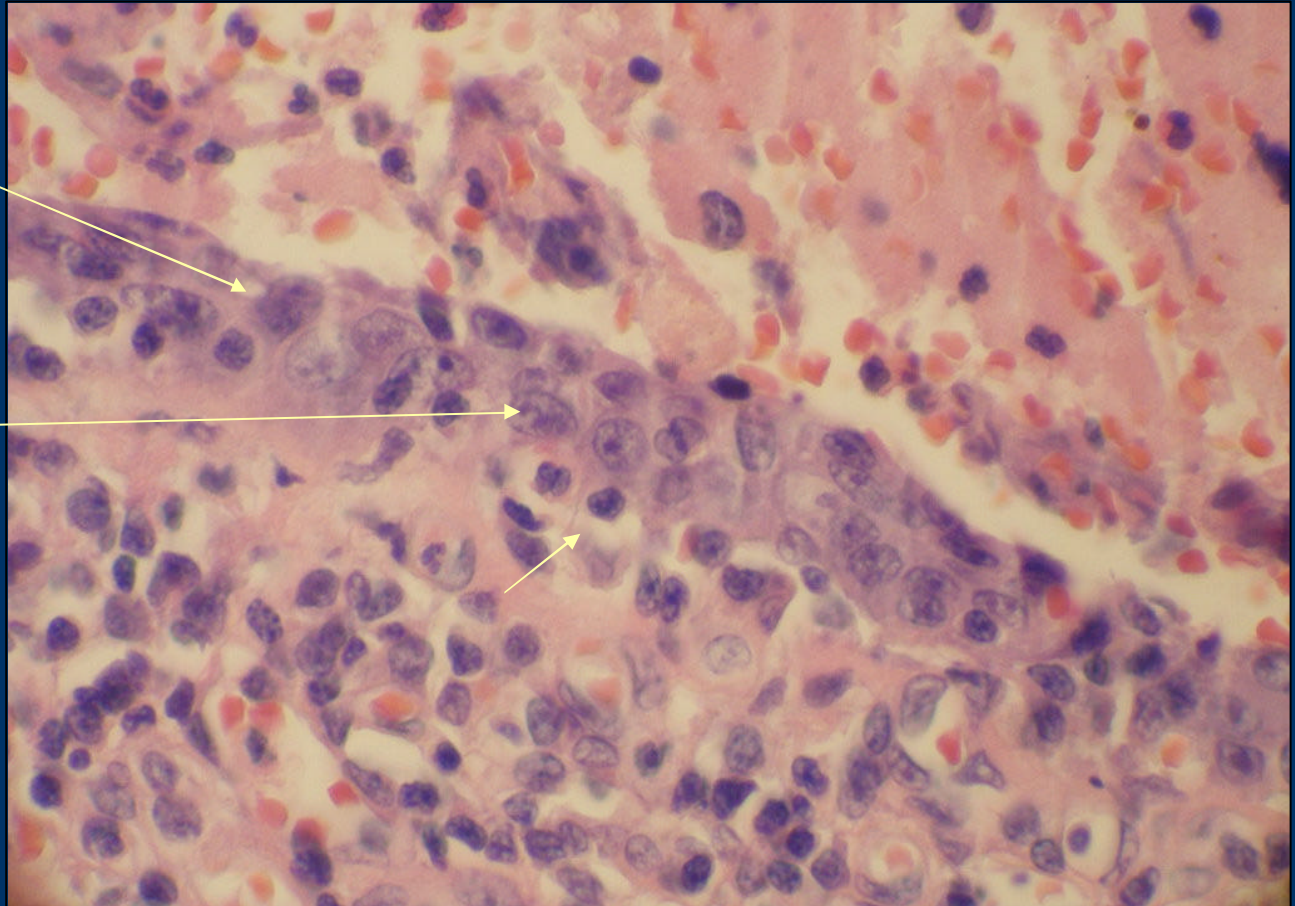


CARCINOMA UROTELIAL IN SITU

ALTA ATIPIA NUCLEAR

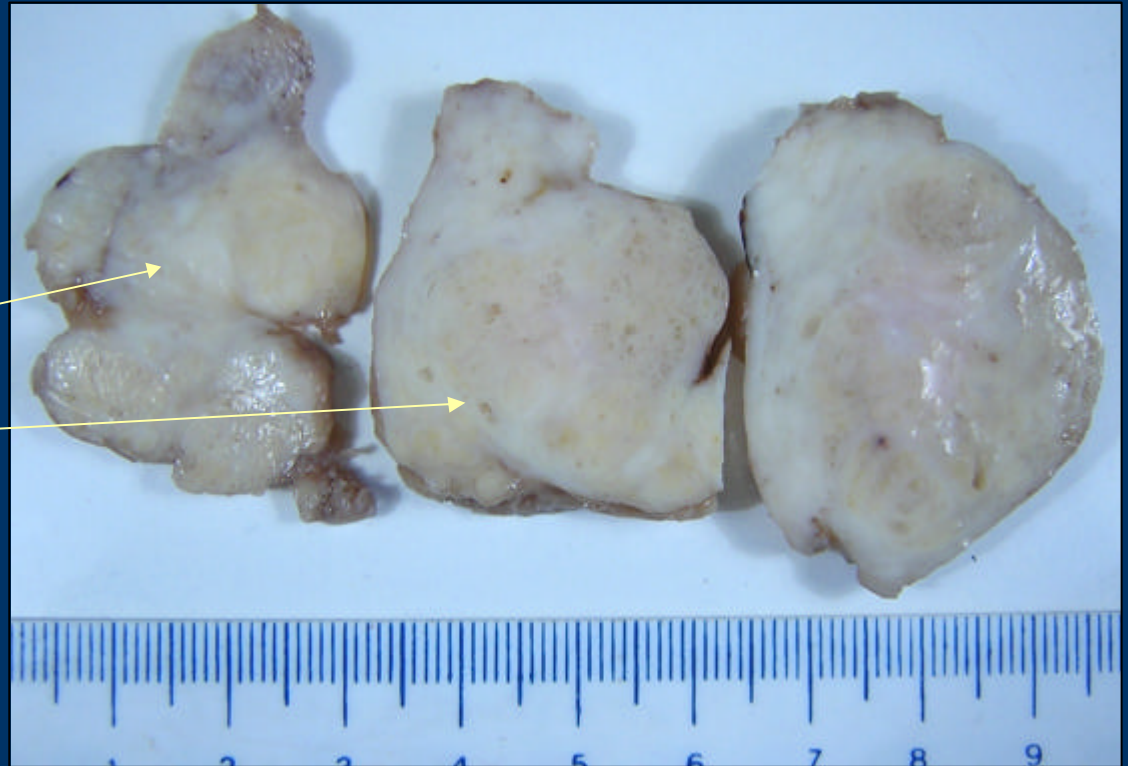
PERDIDA DE LA
POLARIDAD

NO INFILTRACION DE
LA LAMINA PROPIA



HIPERPLASIA NODULAR DE LA PROSTATA

MULTIPLES NODULOS
CON PATRON CRIBIFORME

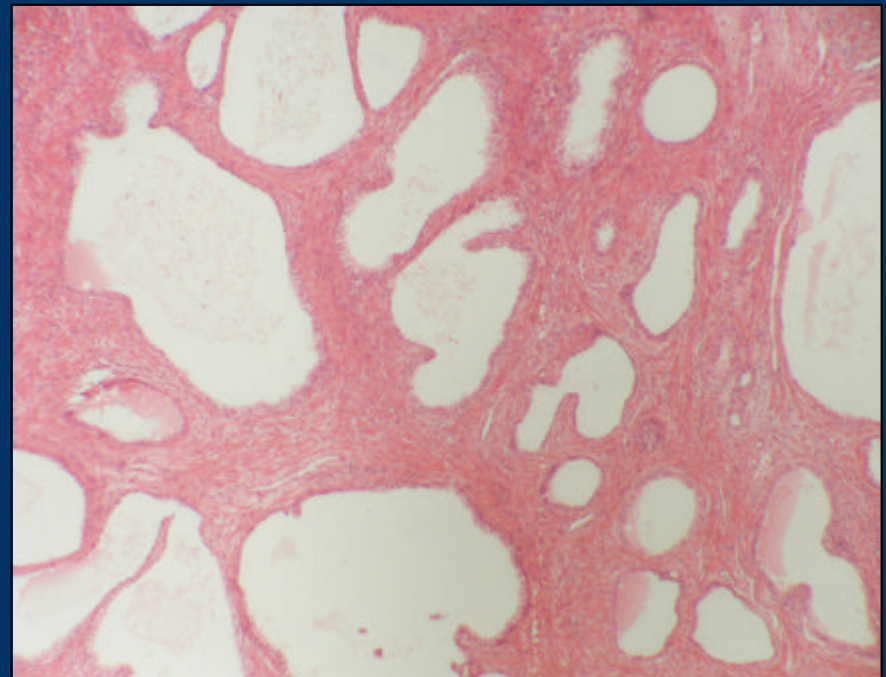
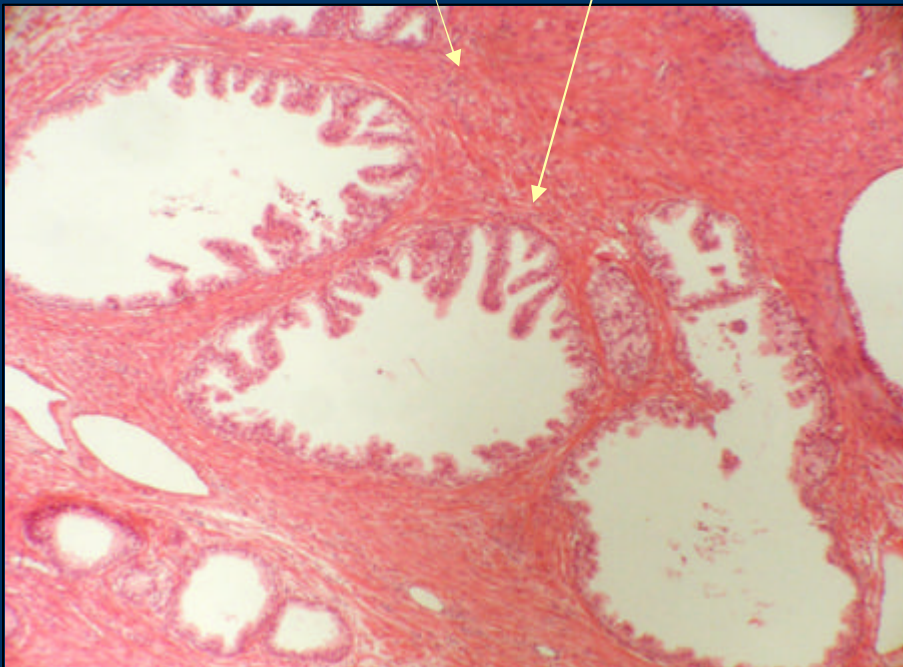


HIPERPLASIA NODULAR DE LA PROSTATA

ESTROMA
FIBROMUSCULAR

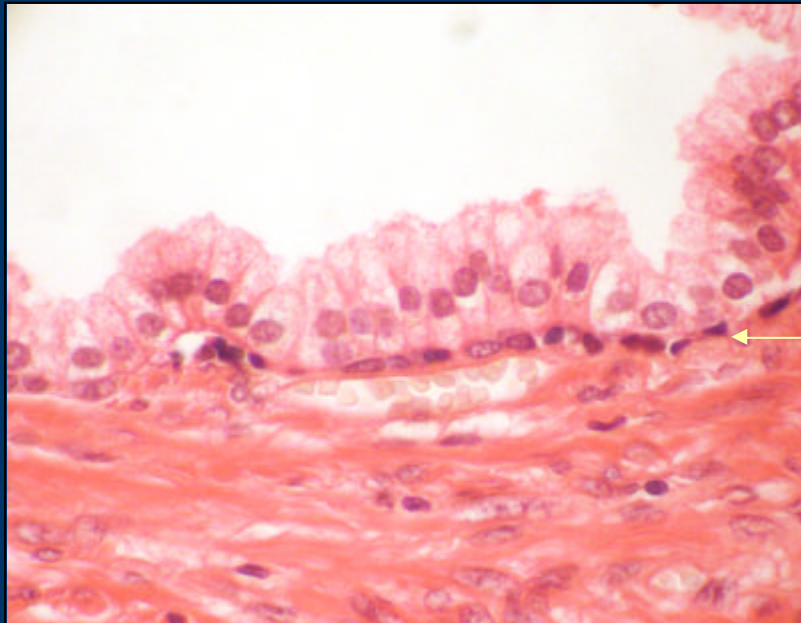
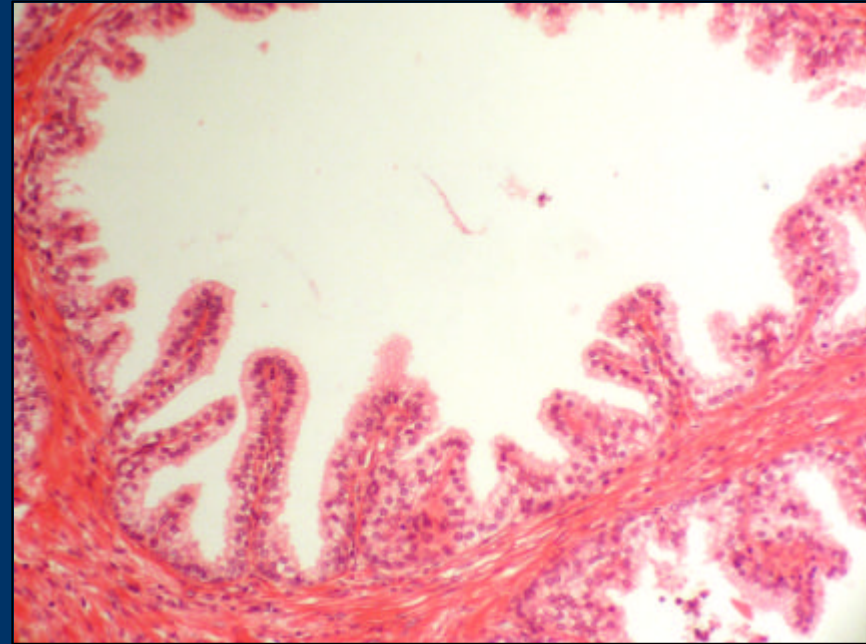
GLANDULAS GRANDES CON
EPITELIO CILINDRICO

EPITELIO CON REPLIEGUES
INTRALUMINALES



HIPERPLASIA NODULAR DE LA PROSTATA

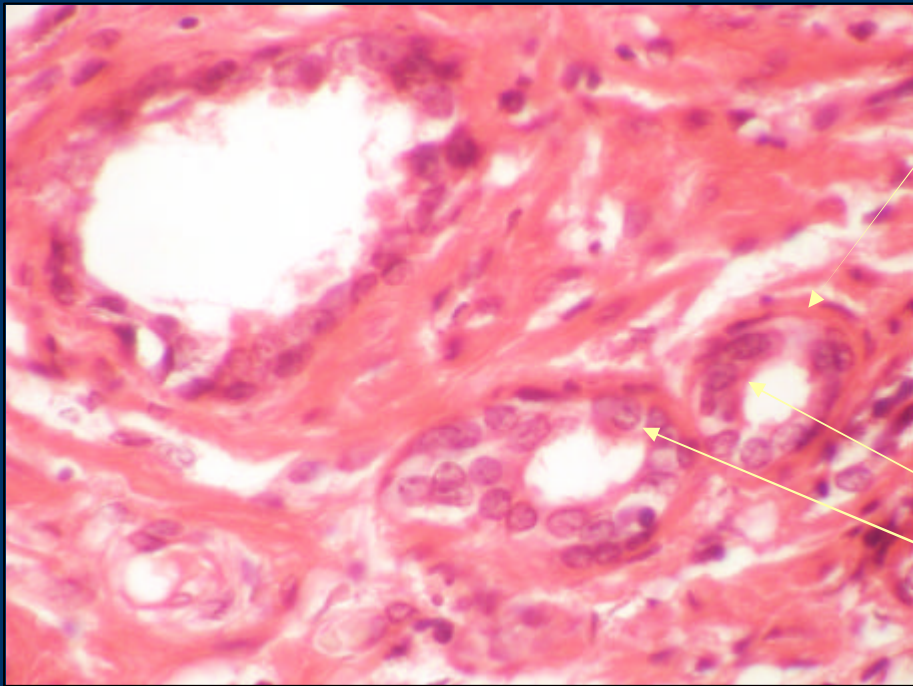
REPLIEGUES INTRALUMINALES
CON EPITELIO CILÍNDRICO Y
CITOPLASMA PÁLIDO



CONSERVACION DE LAS
CÉLULAS BASALES

NÚCLEOS PEQUEÑOS SIN
NUCLÉOLO

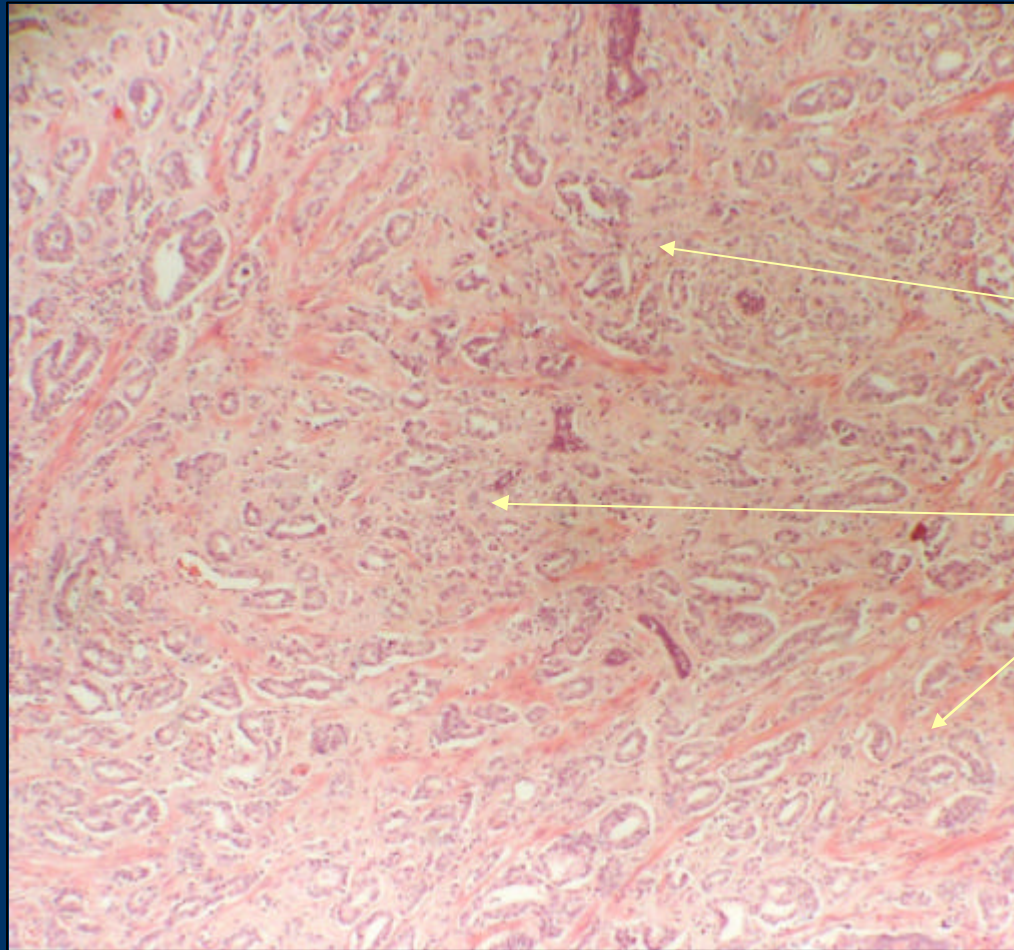
HIPERPLASIA NODULAR DE LA PROSTATA



GLANDULAS PEQUEÑAS Y ATROFICAS

CELULAS CUBOIDALES CON NUCLEOS
DE CROMATINA DENSA Y NUCLÉOLO
PEQUEÑO

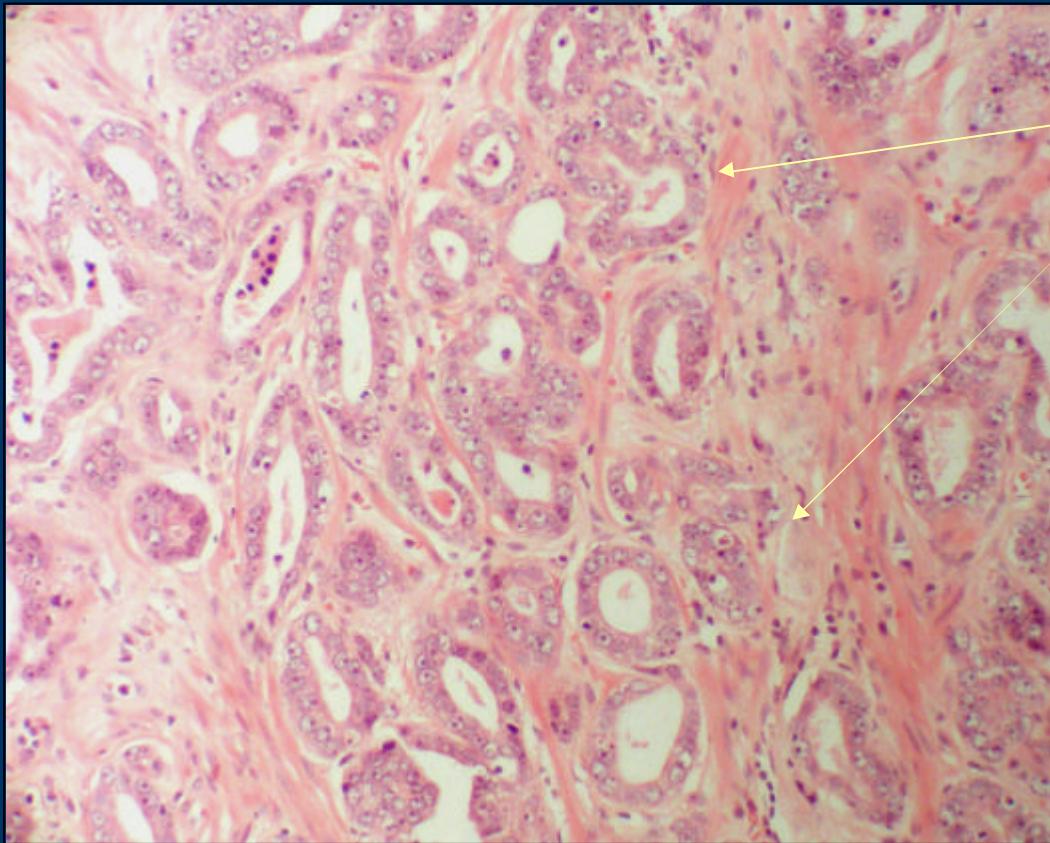
CARCINOMA ACINAR PROSTATICO



PATRÓN INFILTRATIVO

GLÁNDULAS PEQUEÑAS
DE FORMAS IRREGULARES

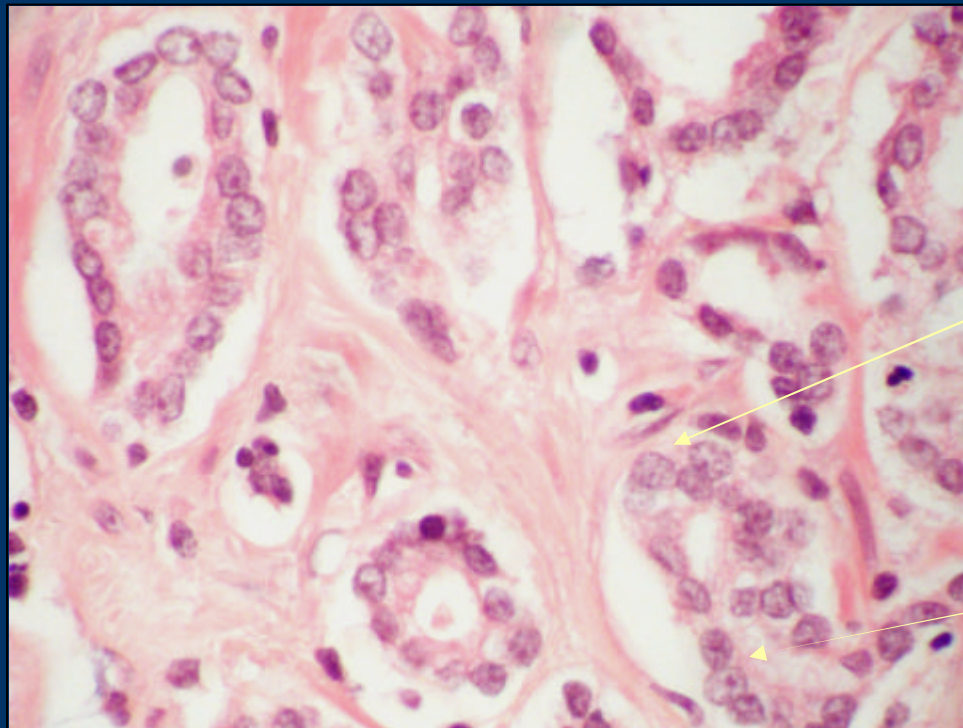
CARCINOMA ACINAR PROSTATICO



PATRON DE PREDOMINIO
GLANDULAS INDIVIDUALES

GLEASON 3

CARCINOMA ACINAR PROSTATICO



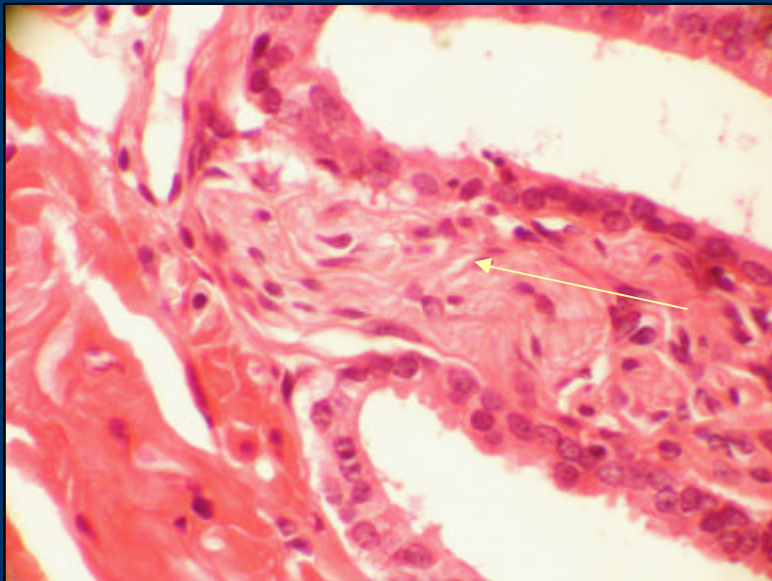
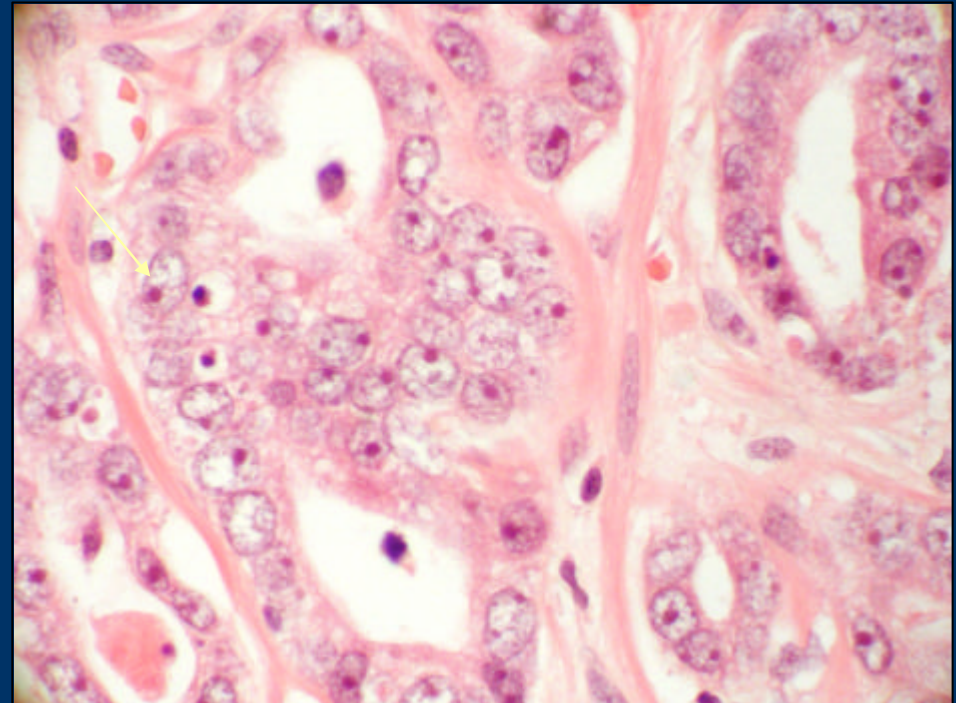
NUCLEOS GRANDES

CROMATINA GRUMOSA

NUCLÉOLO PROMINENTE

CARCINOMA ACINAR PROSTATICO

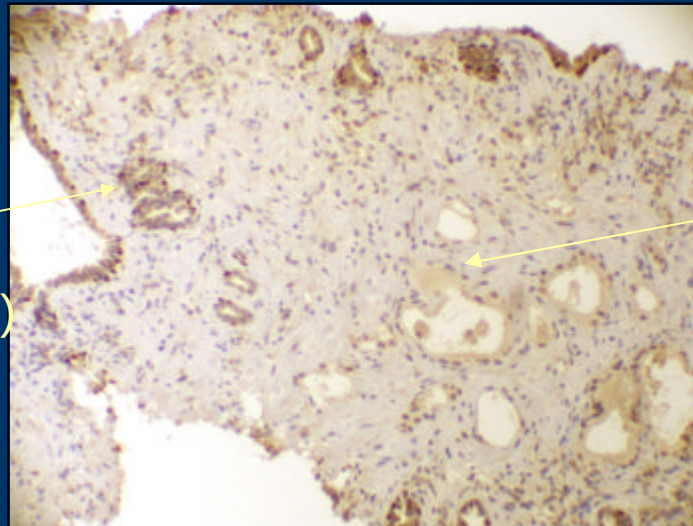
MEGANUCLÉOLOS
EXCÉNTRICOS



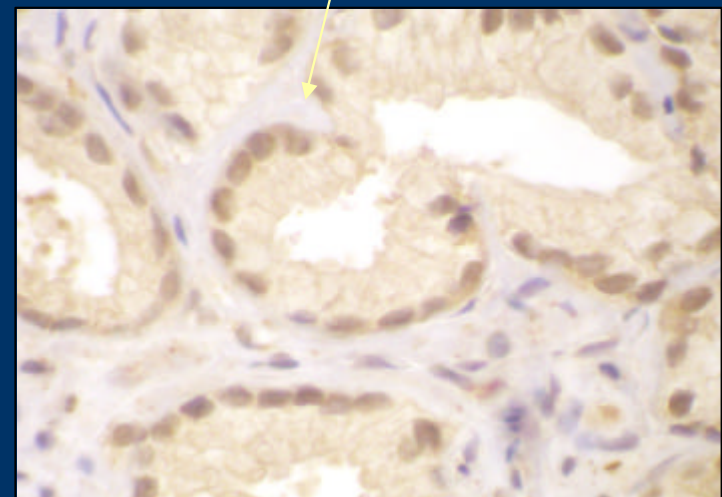
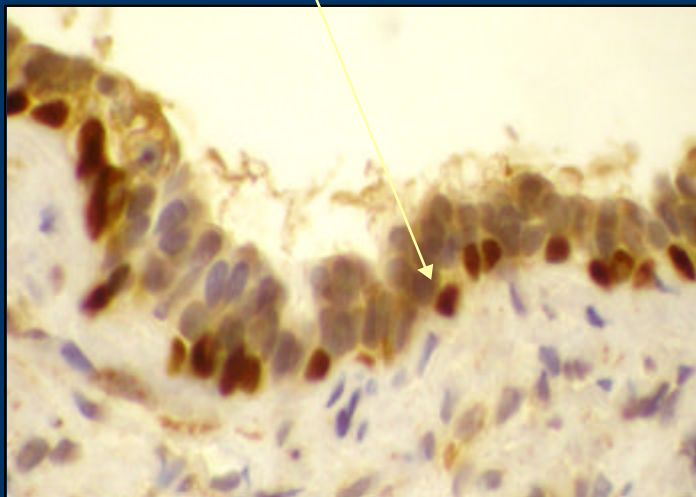
INVASIÓN PERINEURAL

CARCINOMA ACINAR PROSTATICO

PERSISTENCIA DE
CELULAS BASALES
(EPITELIO NO NEOPLÁSICO)

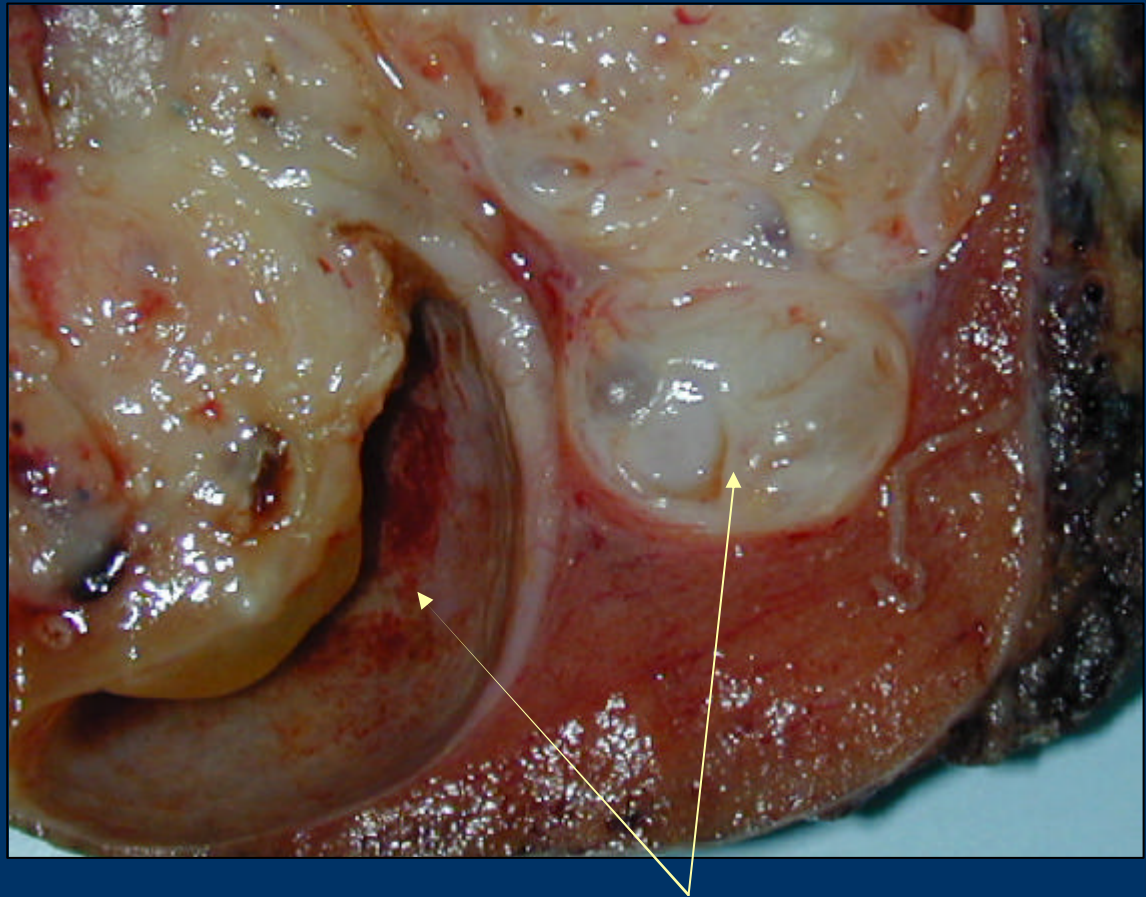
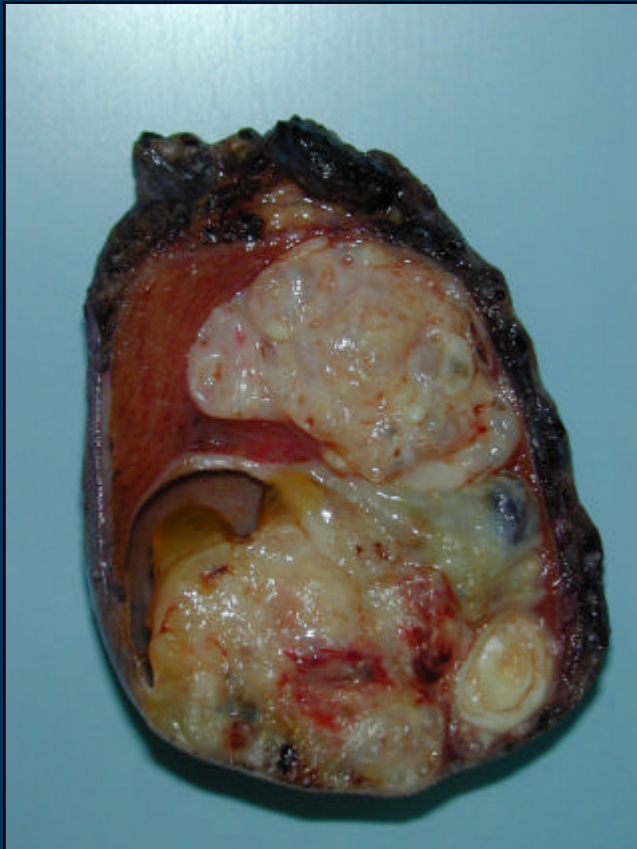


AUSENCIA DE
CÉLULAS BASALES
(CARCINOMA)



TINCION INMUNOHISTOQUIMICA PARA P63

NO SEMINOMA



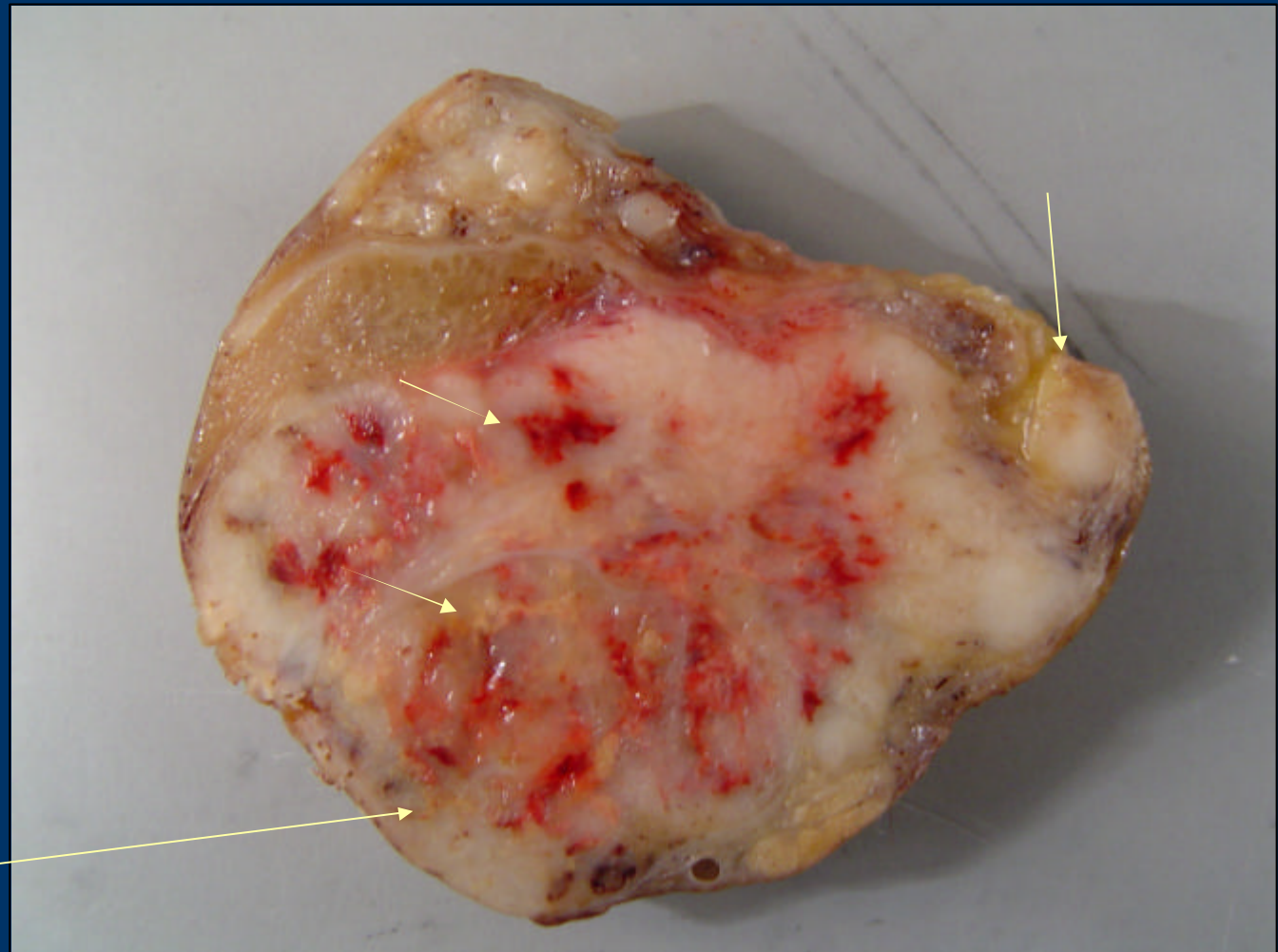
QUISTES DE TERATOMA Y TEJIDO CARTILAGÍNEO

NO SEMINOMA

COMPROMISO EPIDIDIMO

FOCOS DE NECROSIS
Y HEMORRAGIA

BORDE
INFILTRATIVO



SEMINOMA



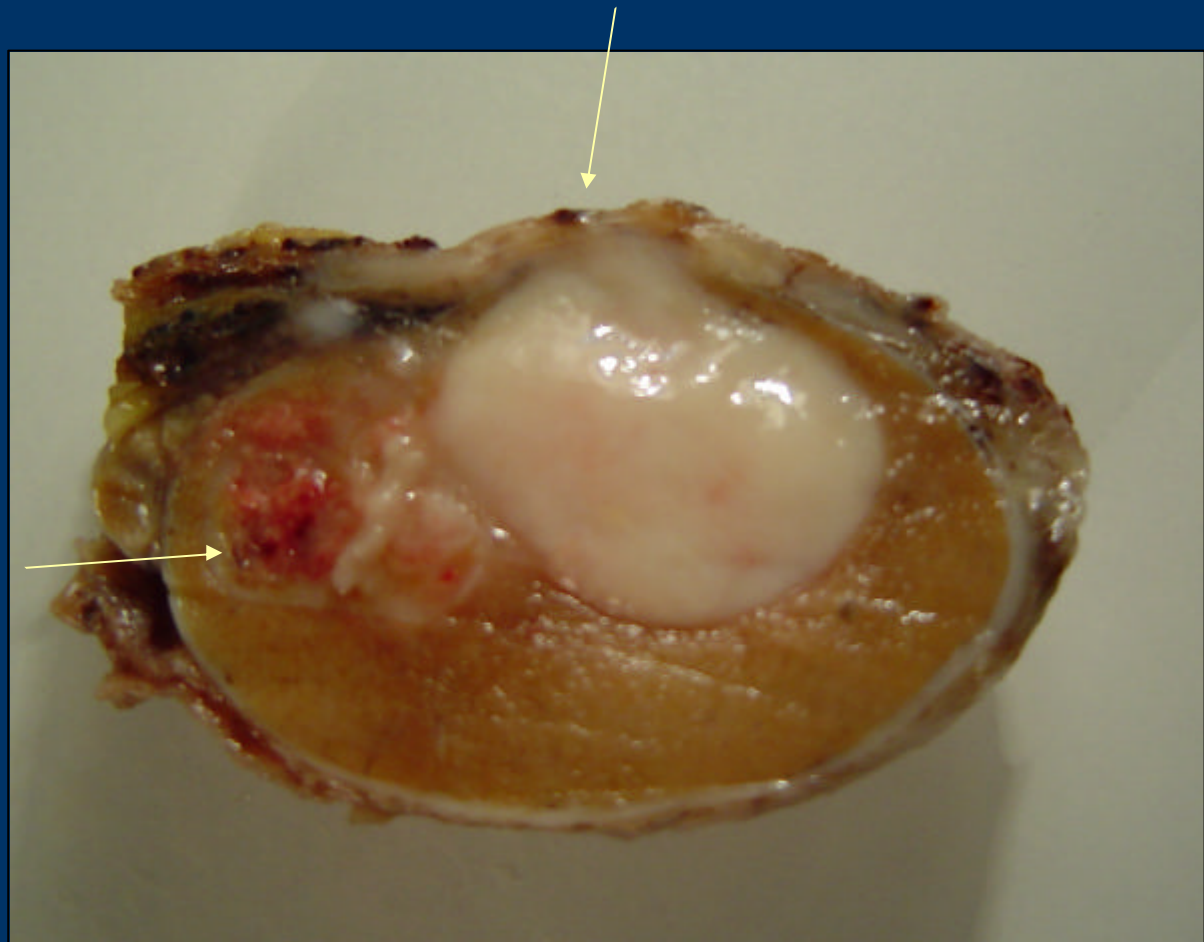
TUMOR BLANQUECINO BIEN
DELIMITADO

ESCASA HEMORRAGIA

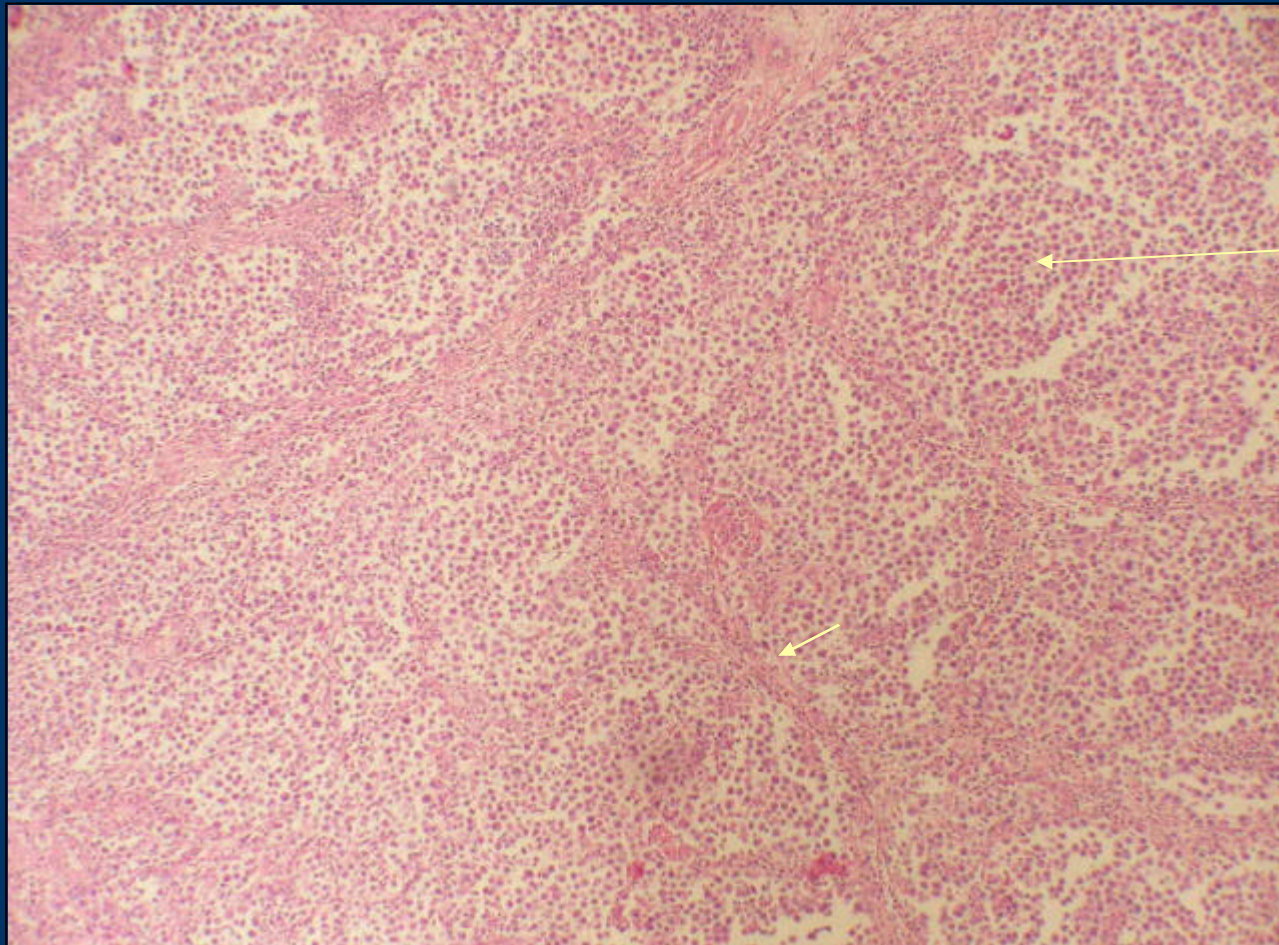
TUMOR GERMINAL MIXTO

ZONA DE SEMINOMA

ZONA DE NO SEMINOMA



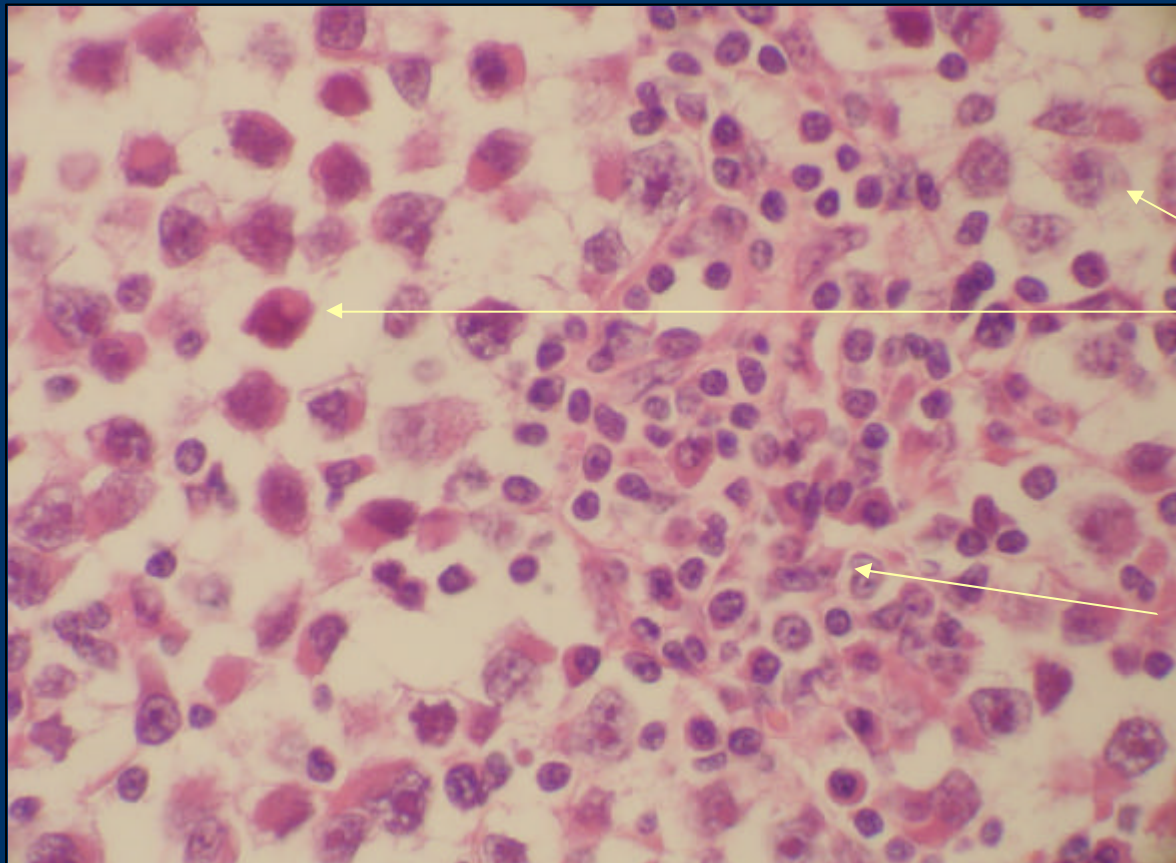
SEMINOMA



PATRÓN SÓLIDO DE
CRECIMIENTO

DELGADOS TABIQUES
VASCULARES

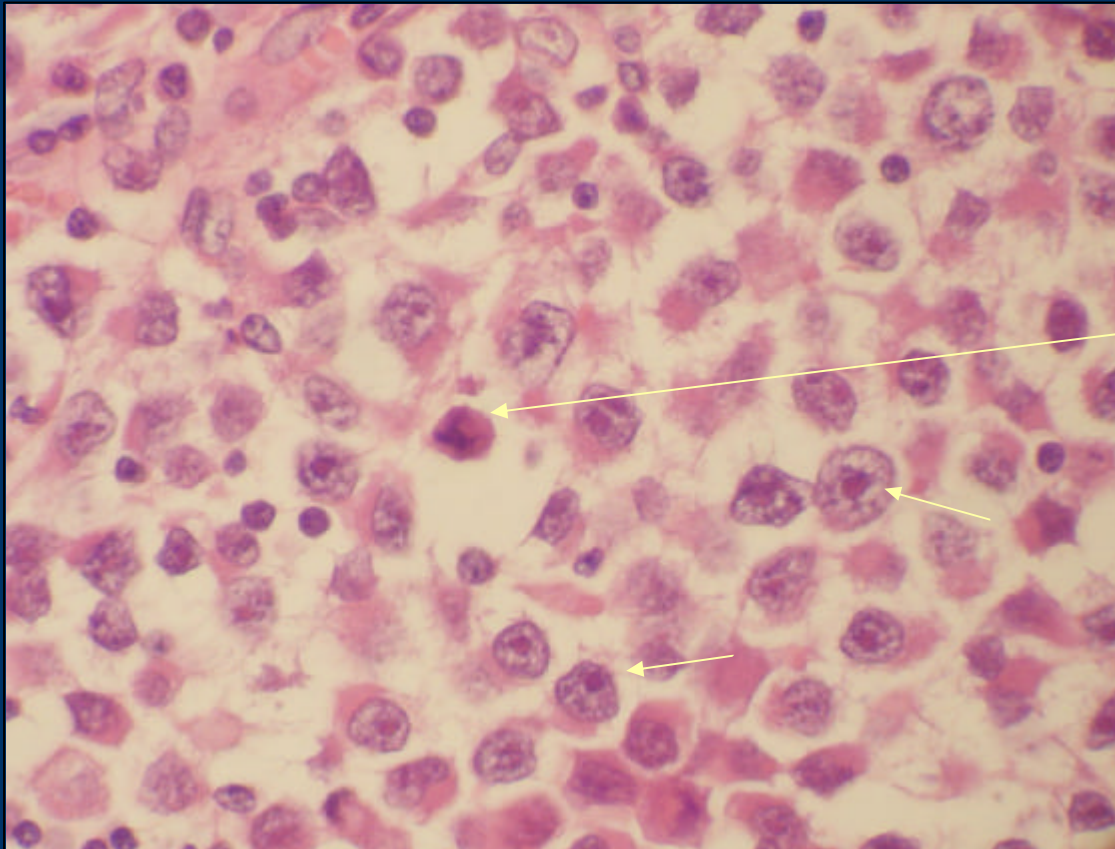
SEMINOMA



CELULAS GRANDES DE
CITOPLASMA CLARO O
EOSINOFILO

LINFOCITOS EN
TABIQUES VASCULARES

SEMINOMA

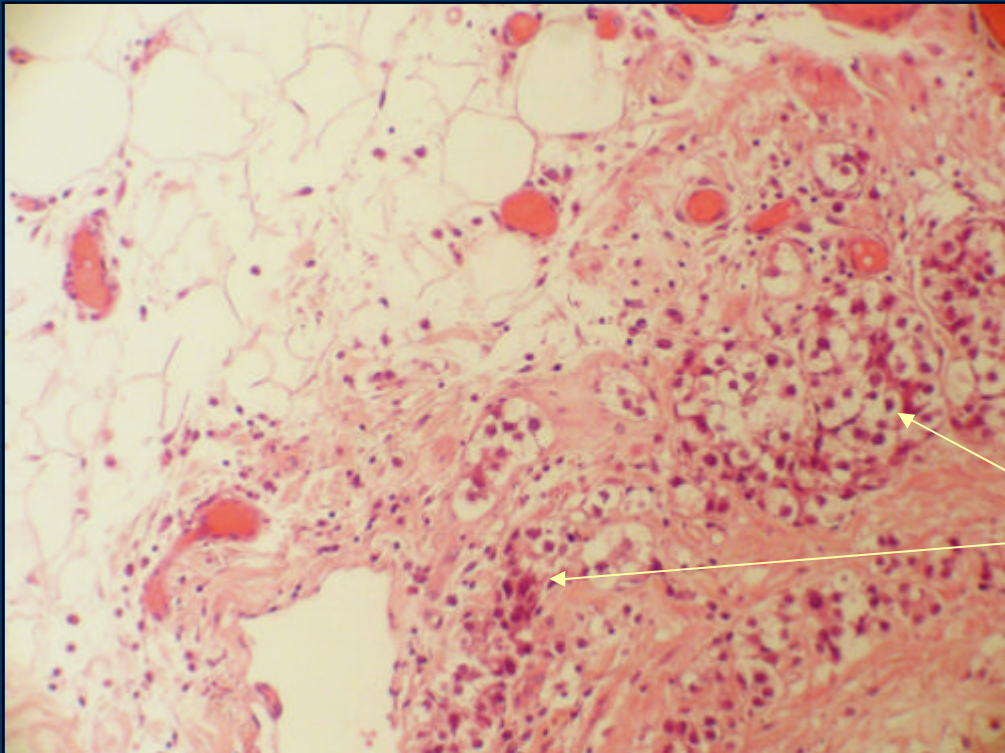


MODERADA ATIPIA
NUCLEAR

CELULA NEOPLASICA
APOPTOTICA

NUCLEOLOS
PROMINENTES

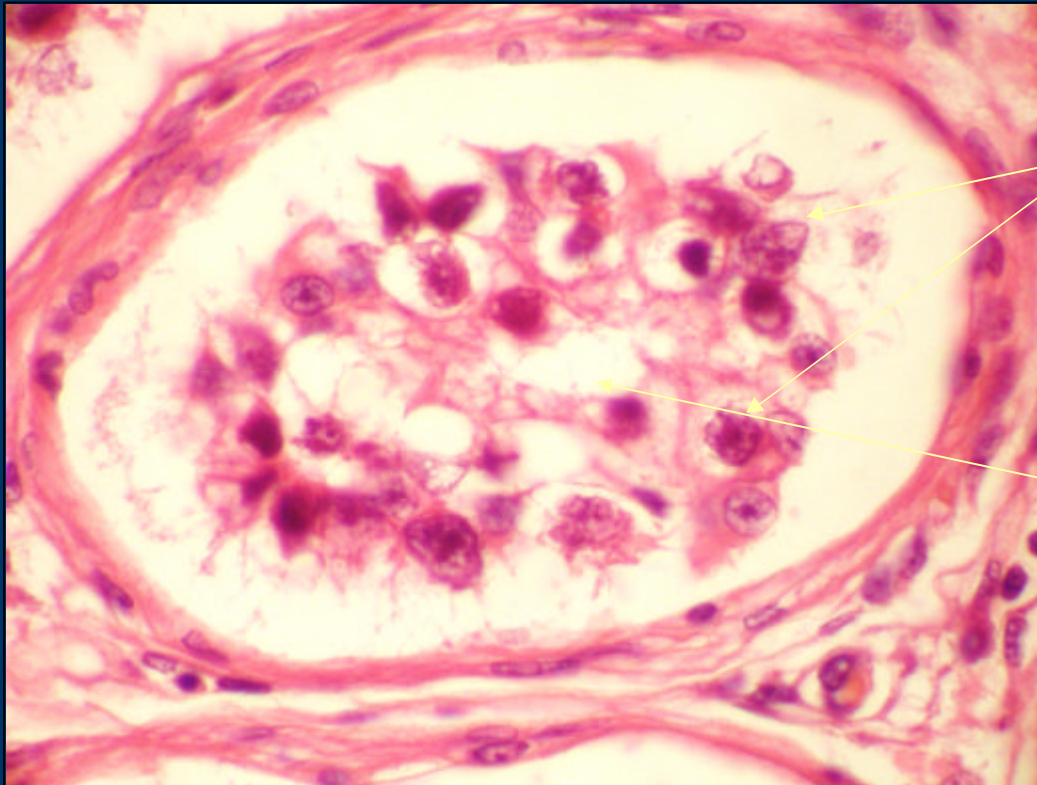
SEMINOMA



COMPROMISO DEL
TEJIDO ADIPOSO DE
CORDON ESPERMATICO

BROTES NEOPLASICOS
DE SEMINOMA

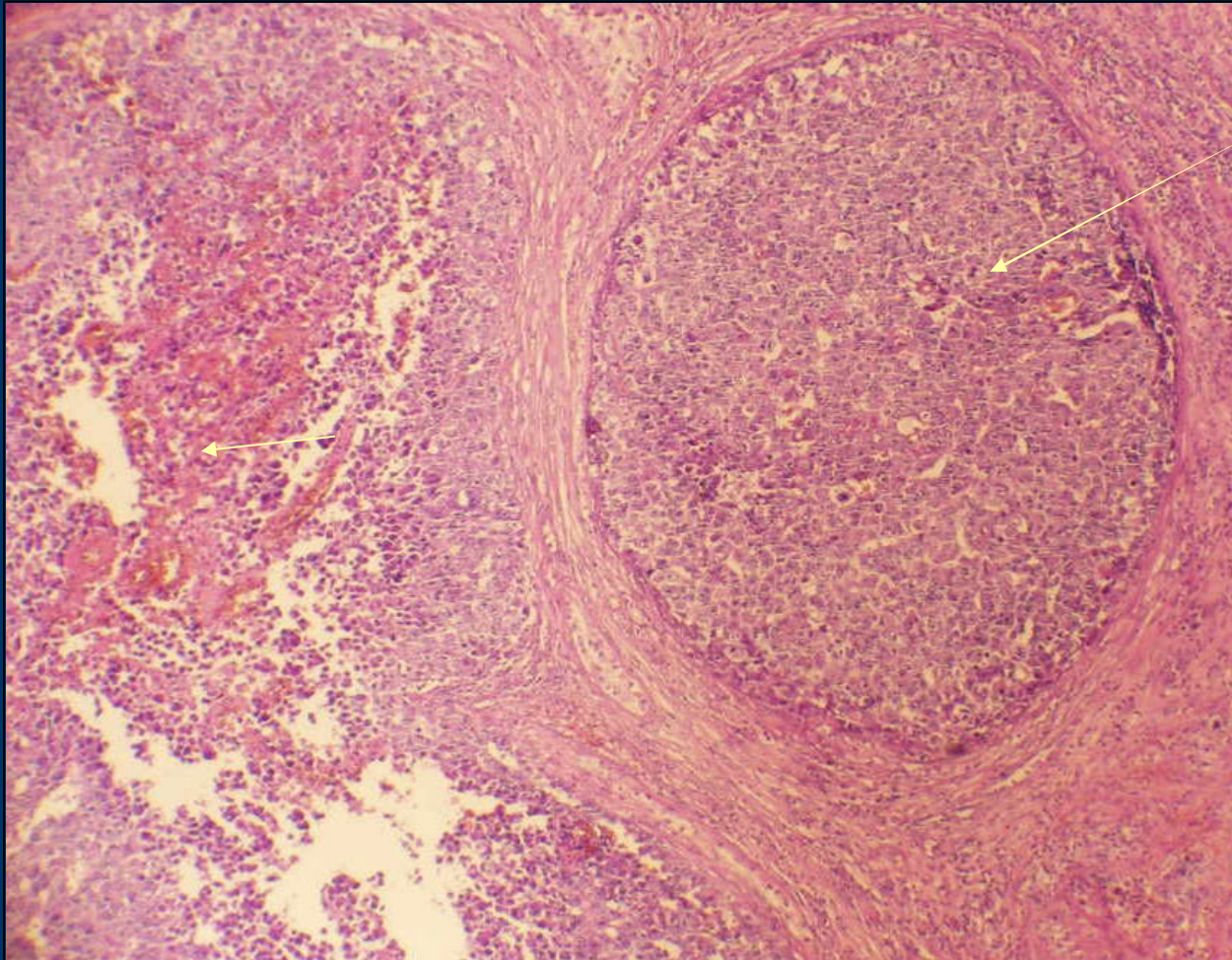
NEOPLASIA GERMINAL INTRATUBULAR



CÉLULAS GERMINALES
ATÍPICAS Y GRANDES

AUSENCIA DE
ESPERMATOGÉNESIS

CARCINOMA EMBRIONARIO



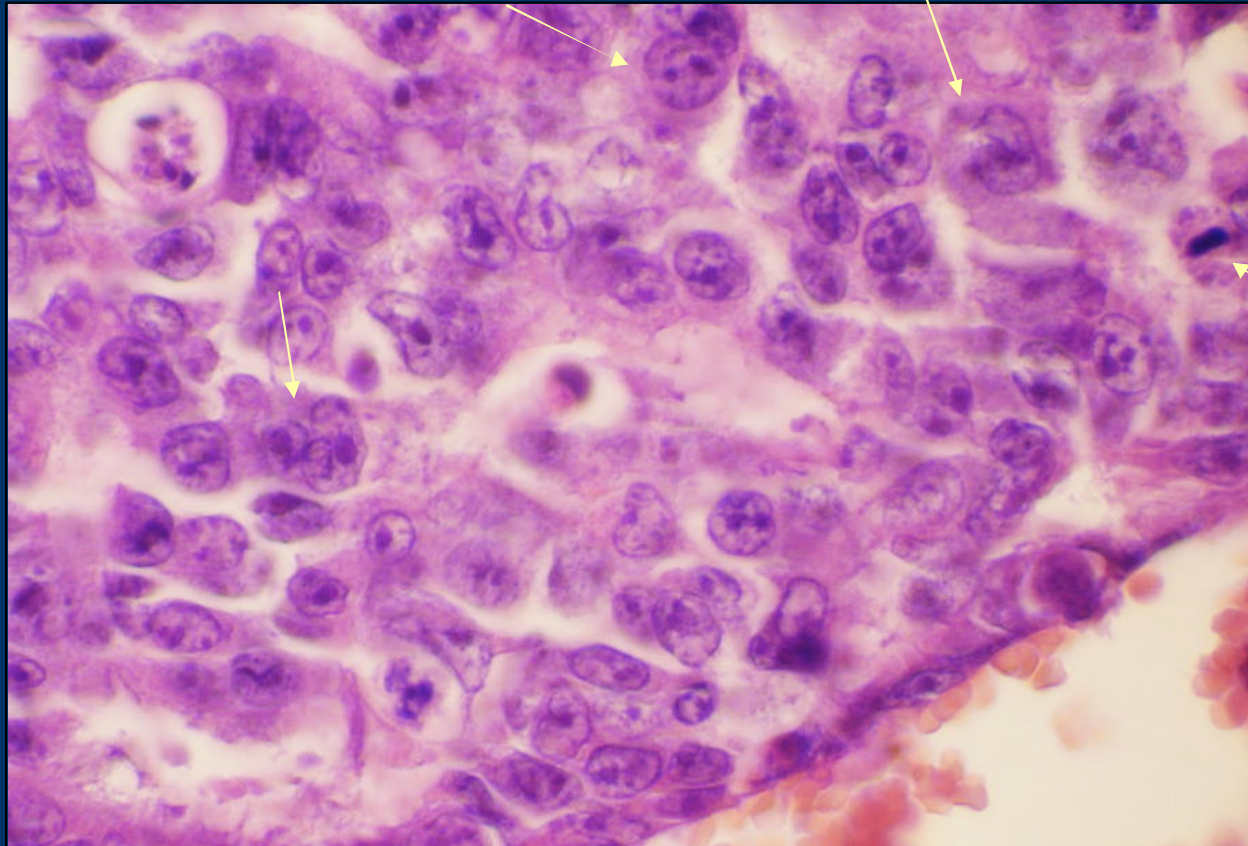
PATRON SOLIDO

BROTES
CIRCUNSCRITOS

FOCOS DE NECROSIS
Y HEMORRAGIA

CARCINOMA EMBRIONARIO

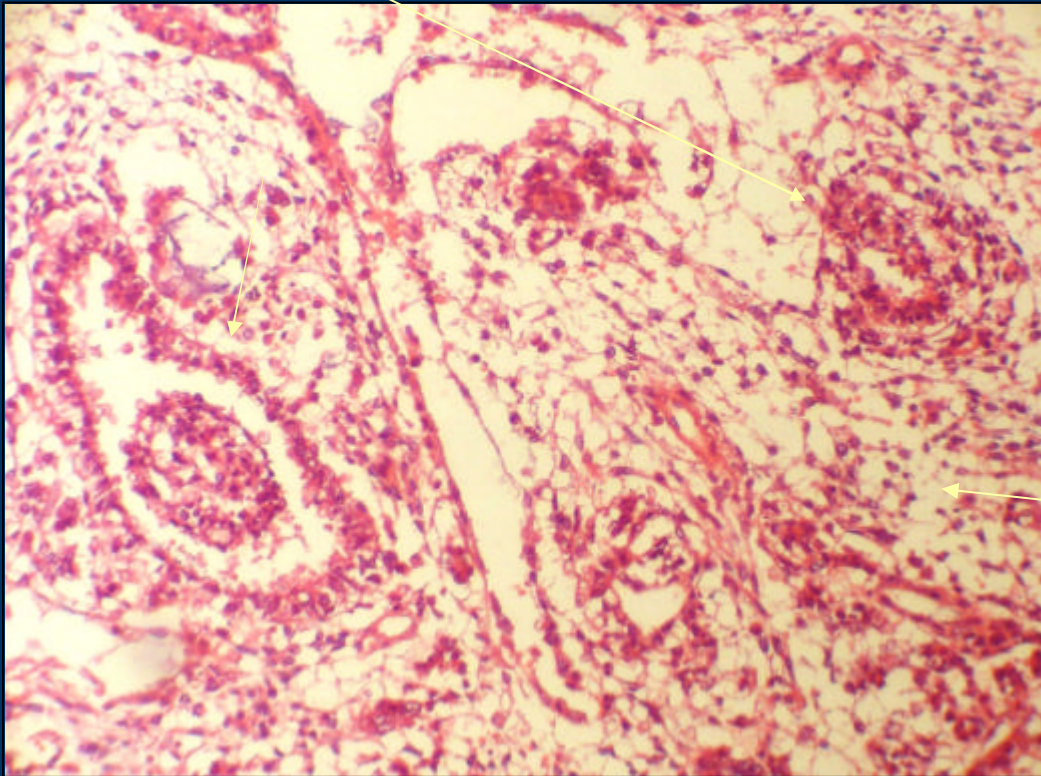
INTENSA ATIPIA CITOPLASMAS BASOFILOS



MITOSIS

TUMOR DE SACO VITELINO

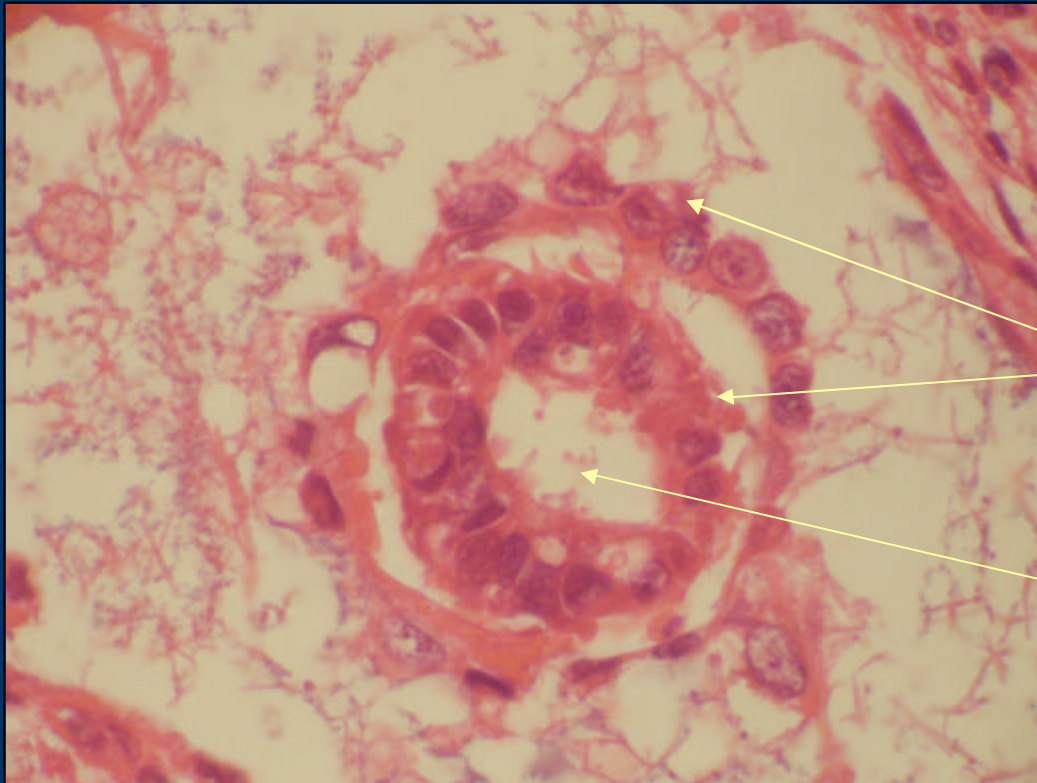
ESTRUCTURAS PSEUDO
EMBRIONARIAS



PATRON DE CRECIMIENTO
HETEROGENEO

ESTROMA MIXOIDE

TUMOR DE SACO VITELINO



CUERPO GLOMERULOIDE
DE SCHILLER-DUVAL

DOBLE CAPA EPITELIAL

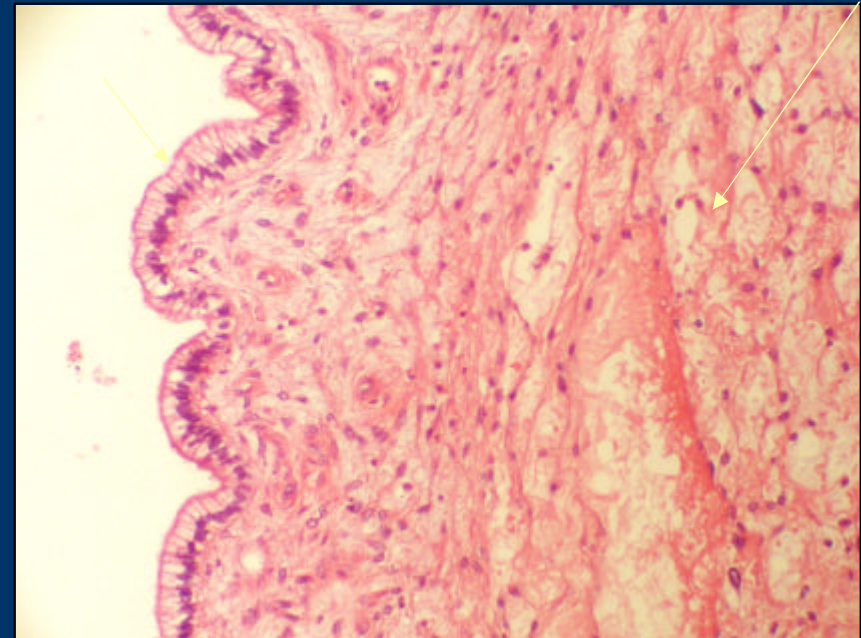
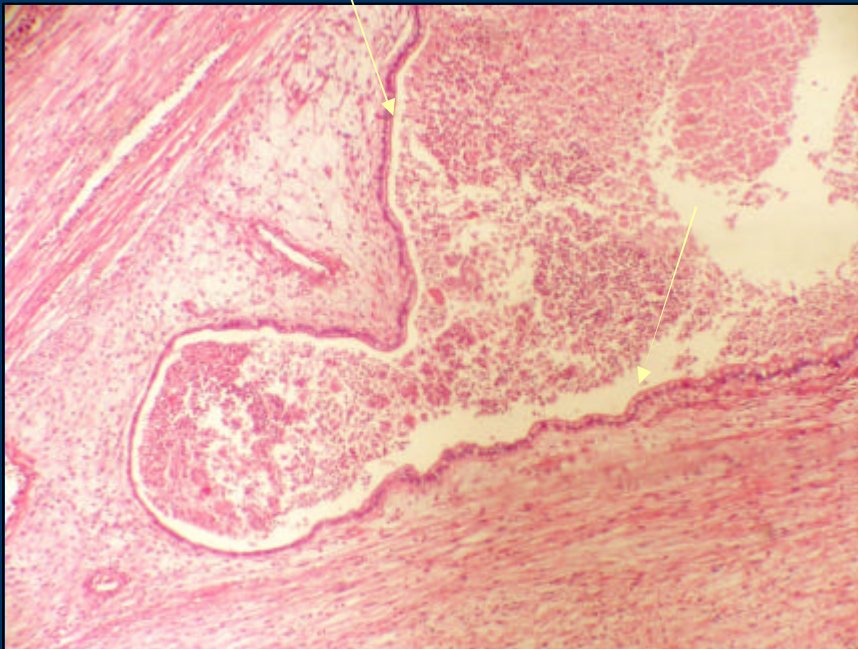
VASO SANGUÍNEO
CENTRAL

TERATOMA

ESTROMA MIXOIDE

GLANDULAS QUISTICAS

EPITELIO CILINDRICO
MADURO

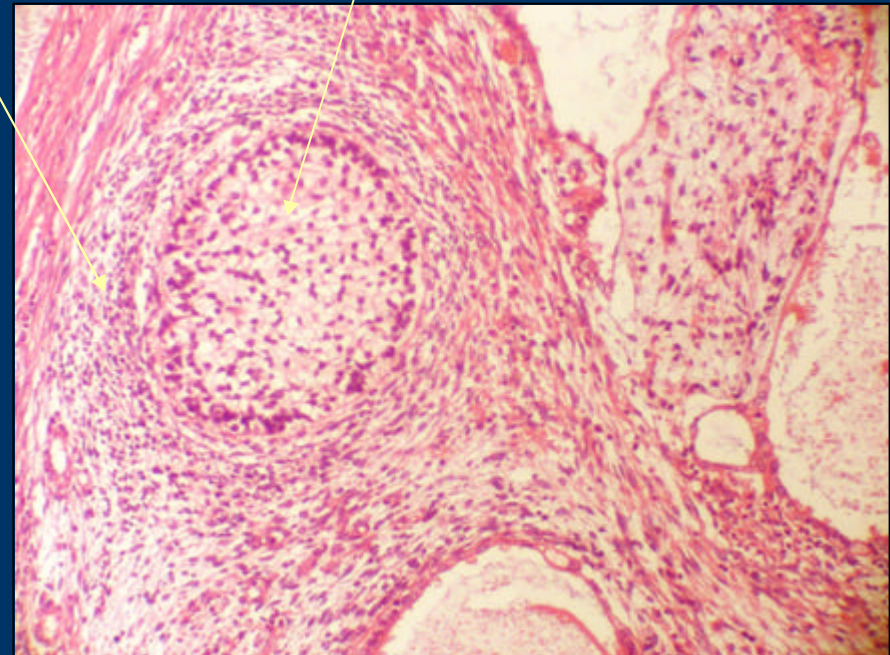
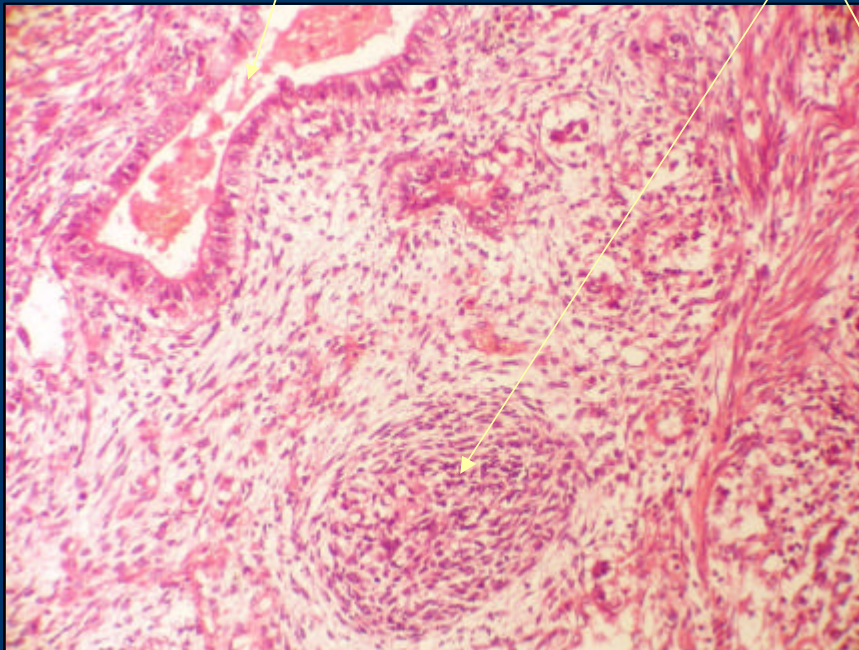


TERATOMA

GLÁNDULA CON EPITELIO
INTESTINAL

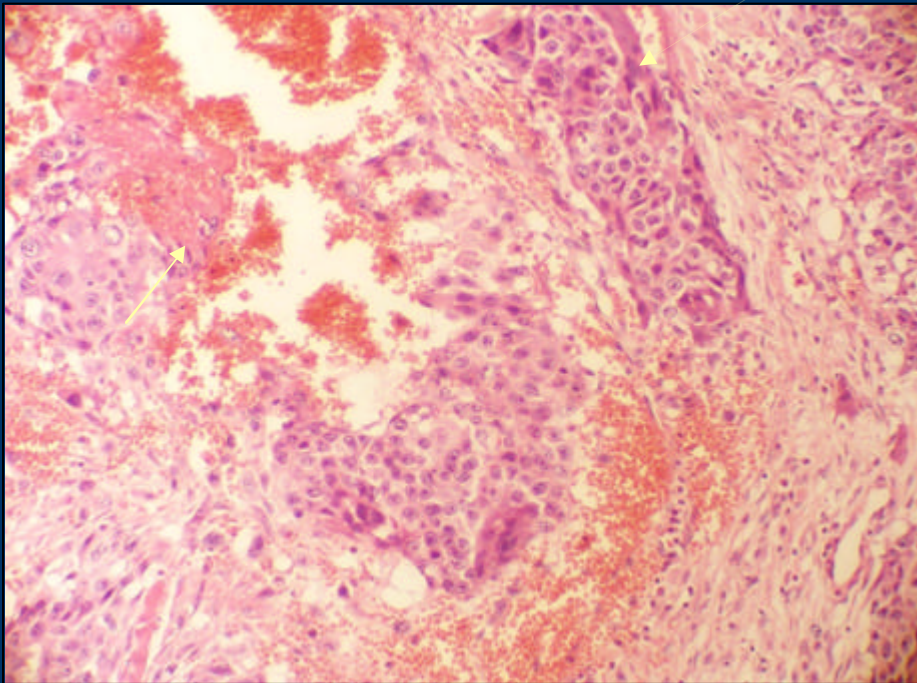
BROTE EPITELIAL MADURO

ESTROMA INMADURO

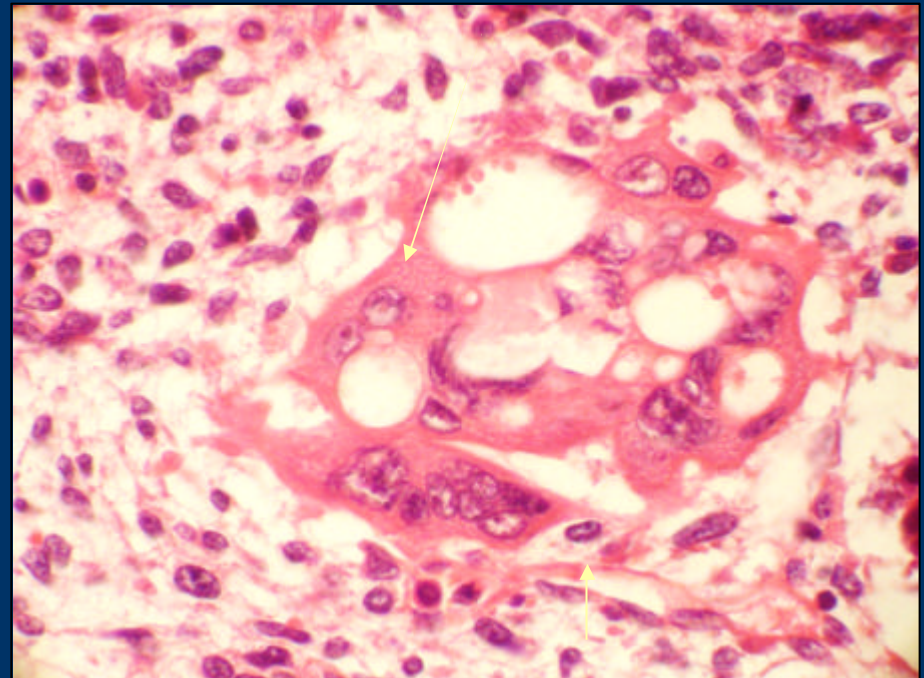


CORIOCARCINOMA

CELULAS GIGANTES DE
SINCICIOTROFOBLASTO

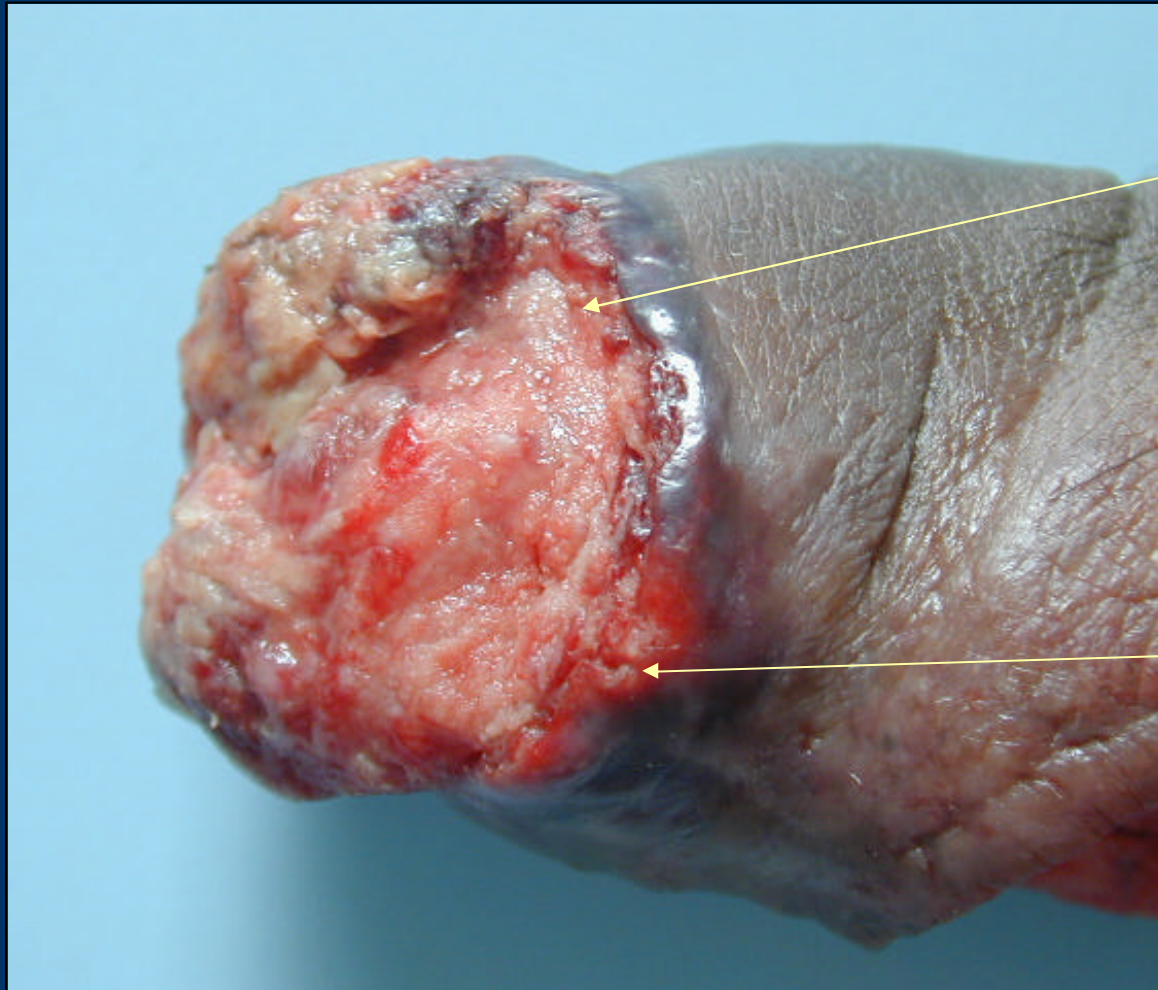


FOCOS DE NECROSIS Y HEMORRAGIA



CELULAS DE CITOTROFOBASTO

CARCINOMA ESCAMOSO DE PENE

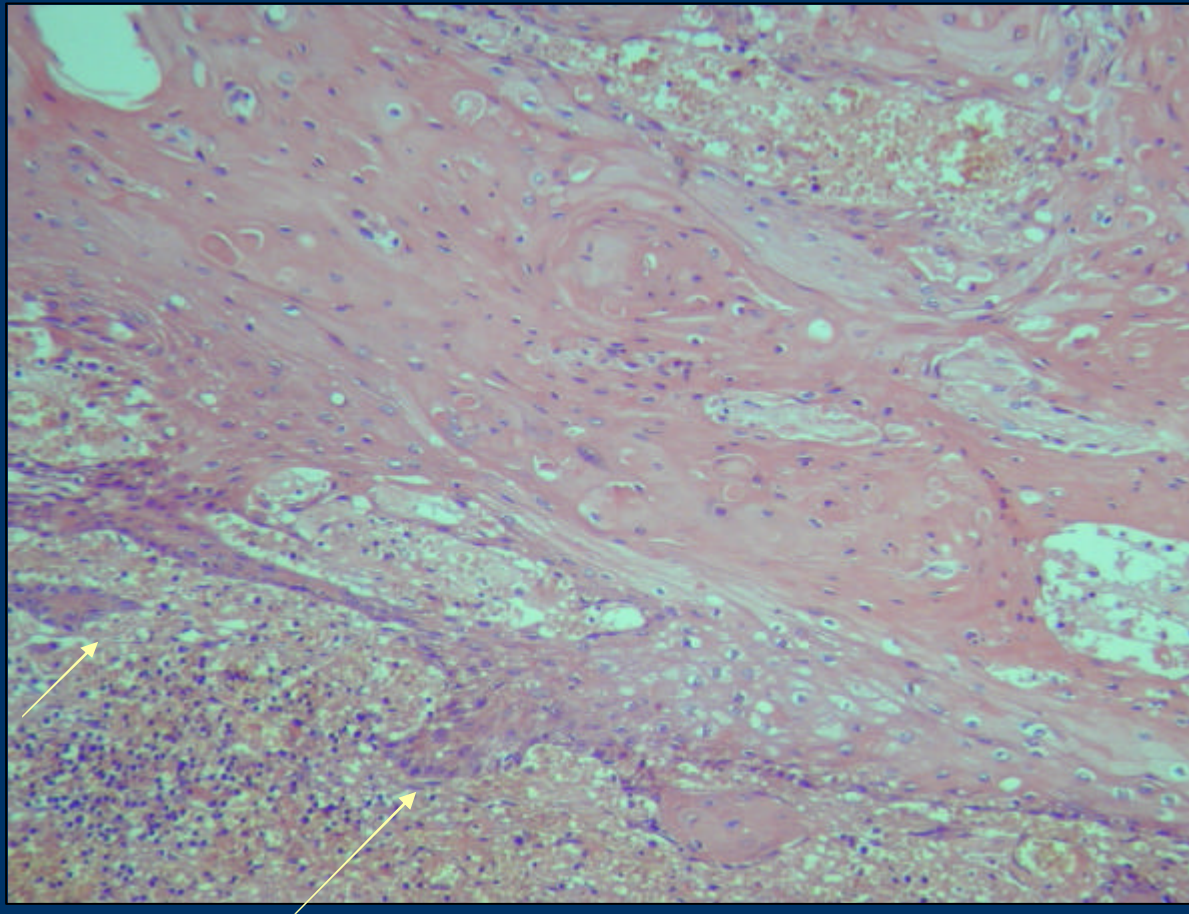


LESION ULCERADA
BORDES IRREGULARES

FONDO SUCIO Y
NECROTICO

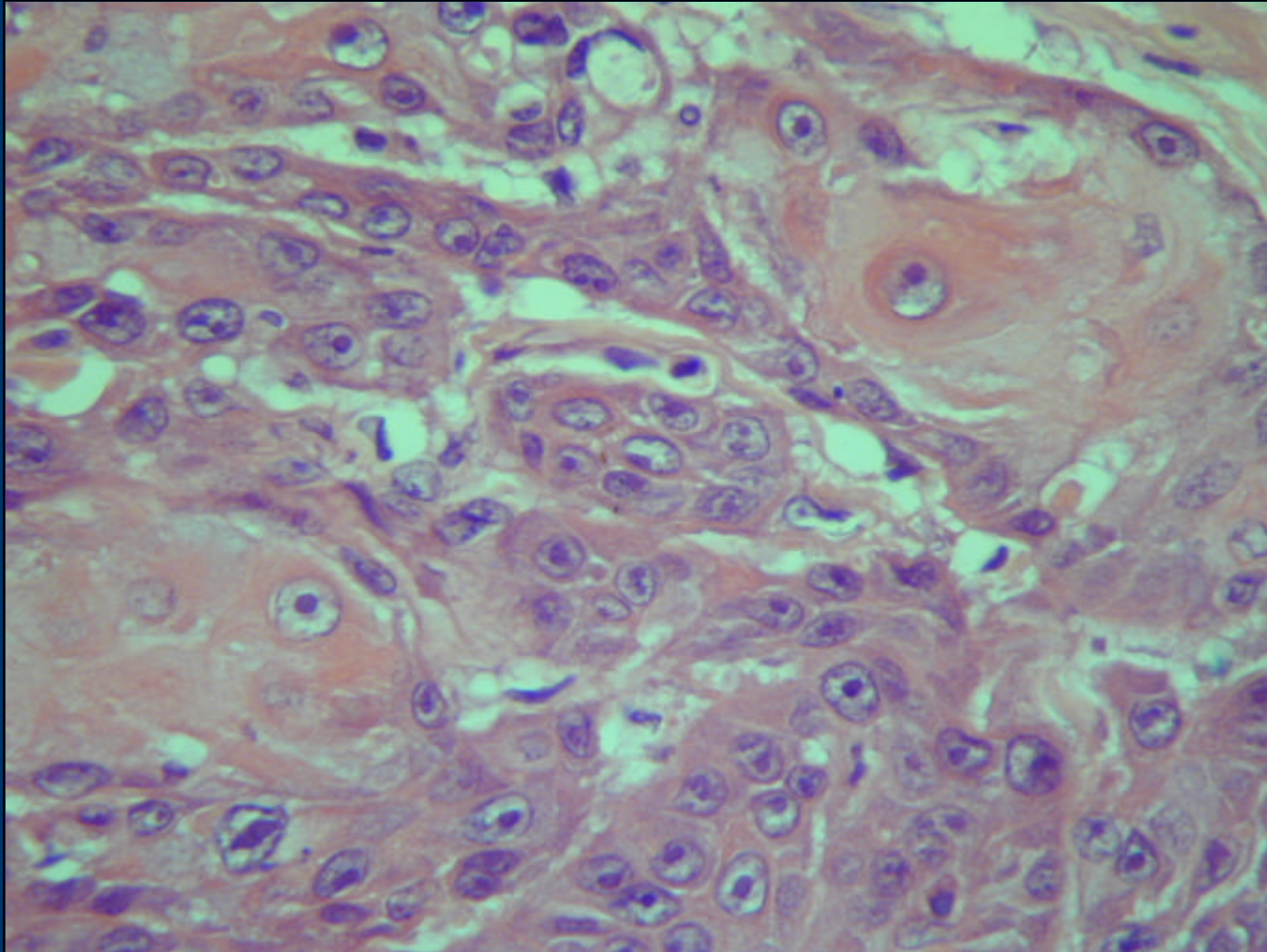
DECAPITACION PARCIAL
DEL GLANDE

CARCINOMA ESCAMOSO DE PENE



BROTOS EPITELIALES GEOGRAFICOS
DE CONTORNOS INFILTRANTES

CARCINOMA ESCAMOSO DE PENE



PERLAS CORNEAS Y ATIPIA CITOLOGICA