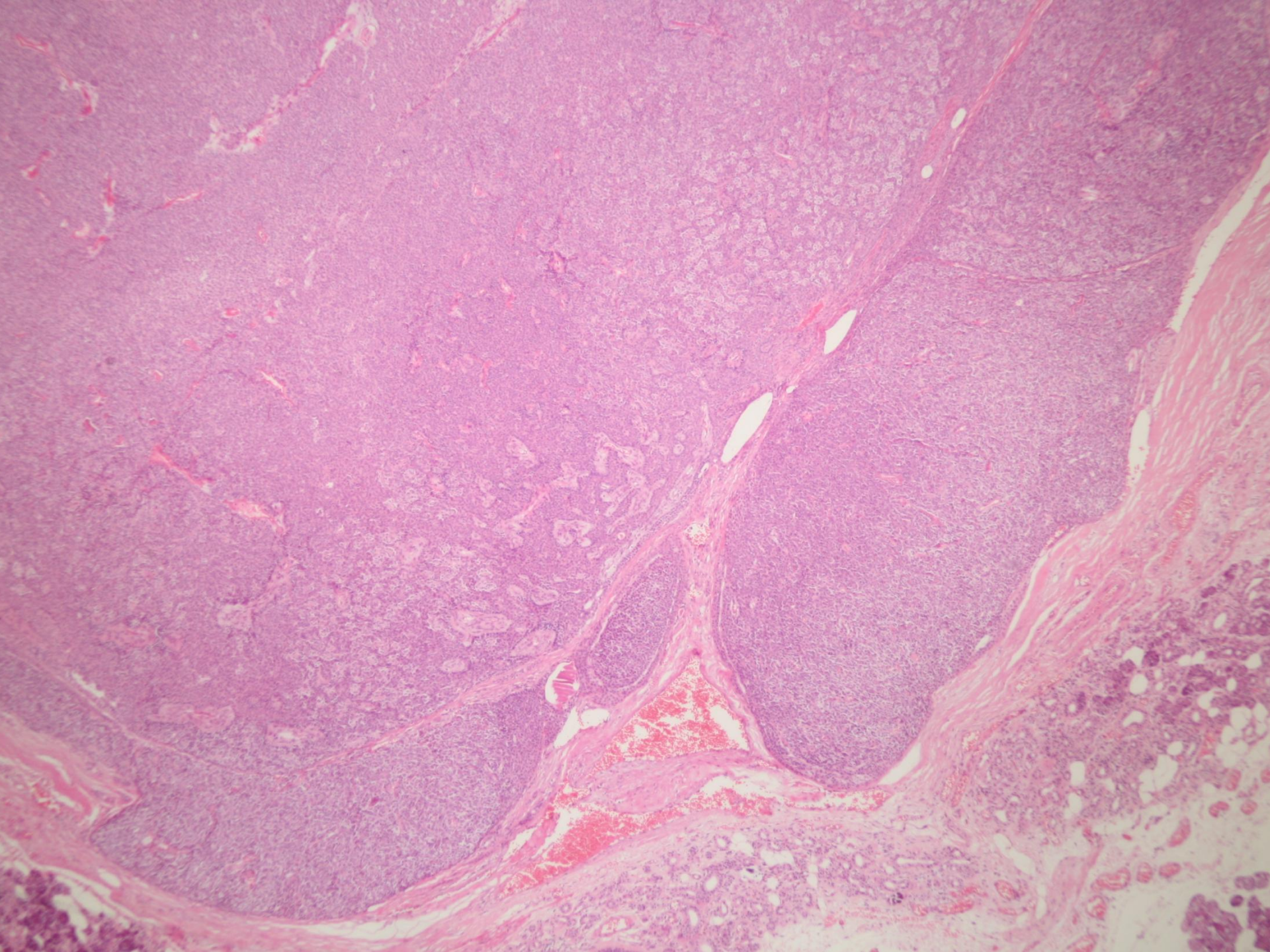


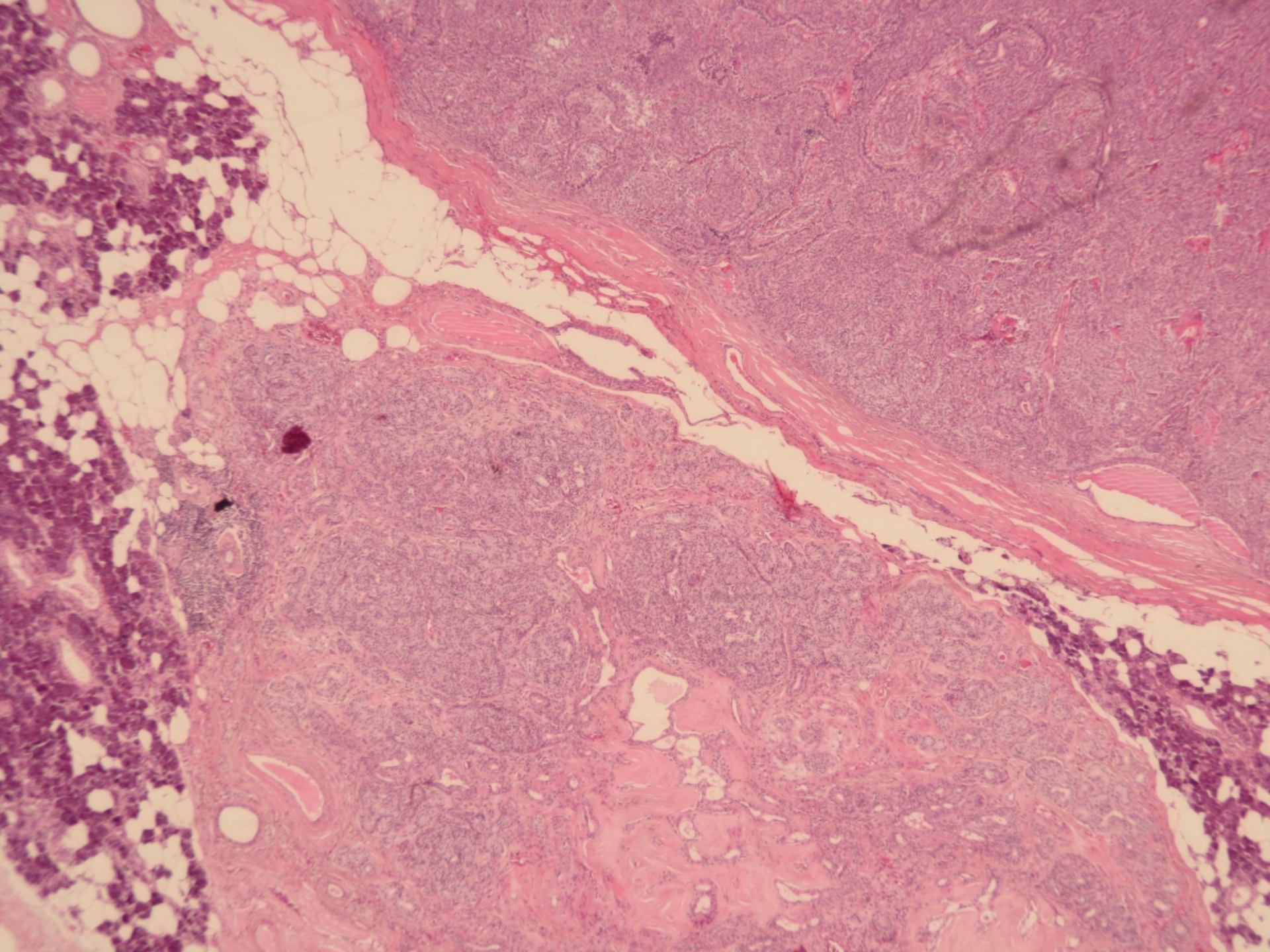
Tükrük Bezi Tümörü: Olgu Sunumu

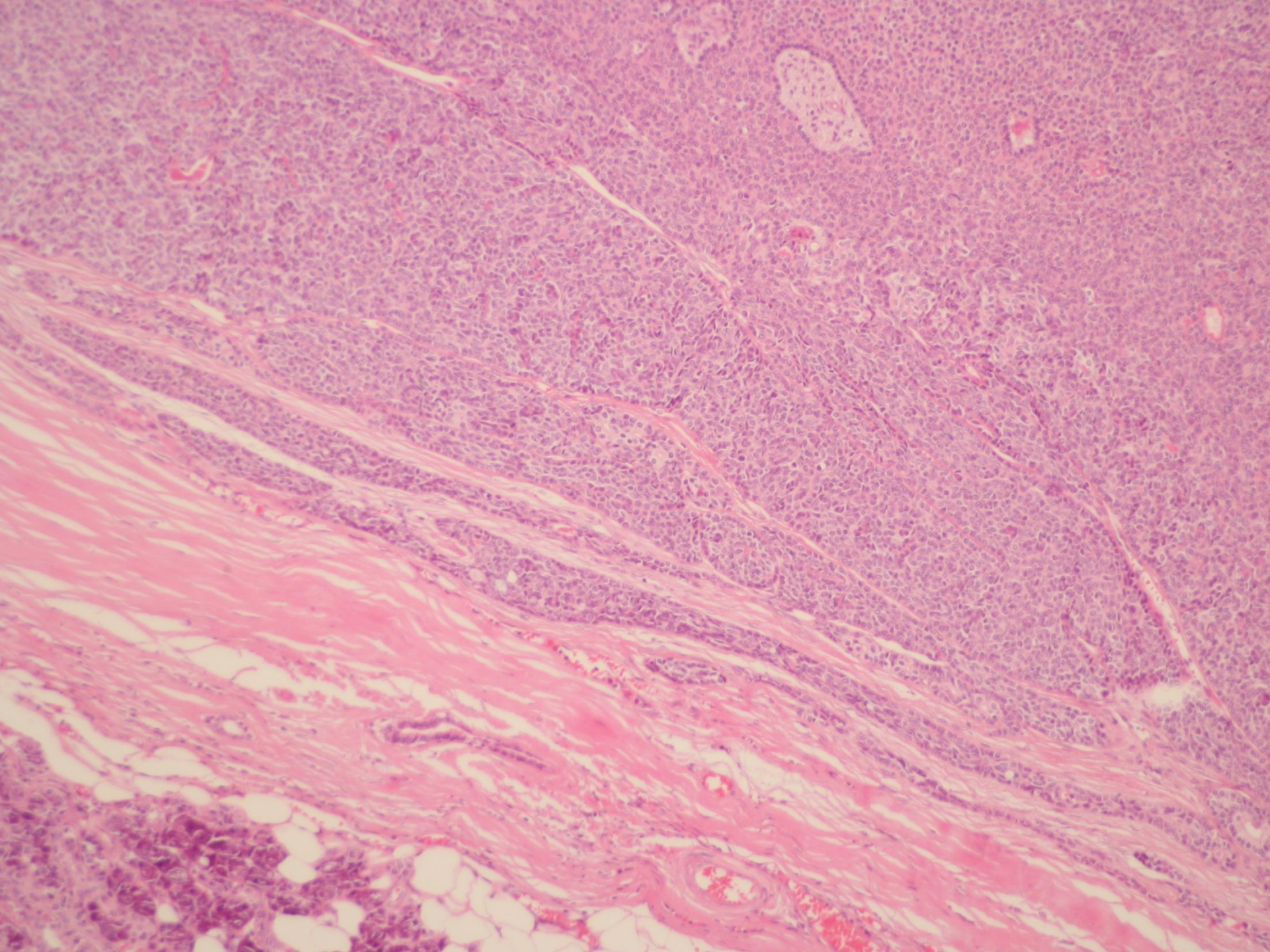
**Doç. Dr. Sibel Perçinel
Ankara Tıp Fakültesi
Patoloji Anabilim Dalı**

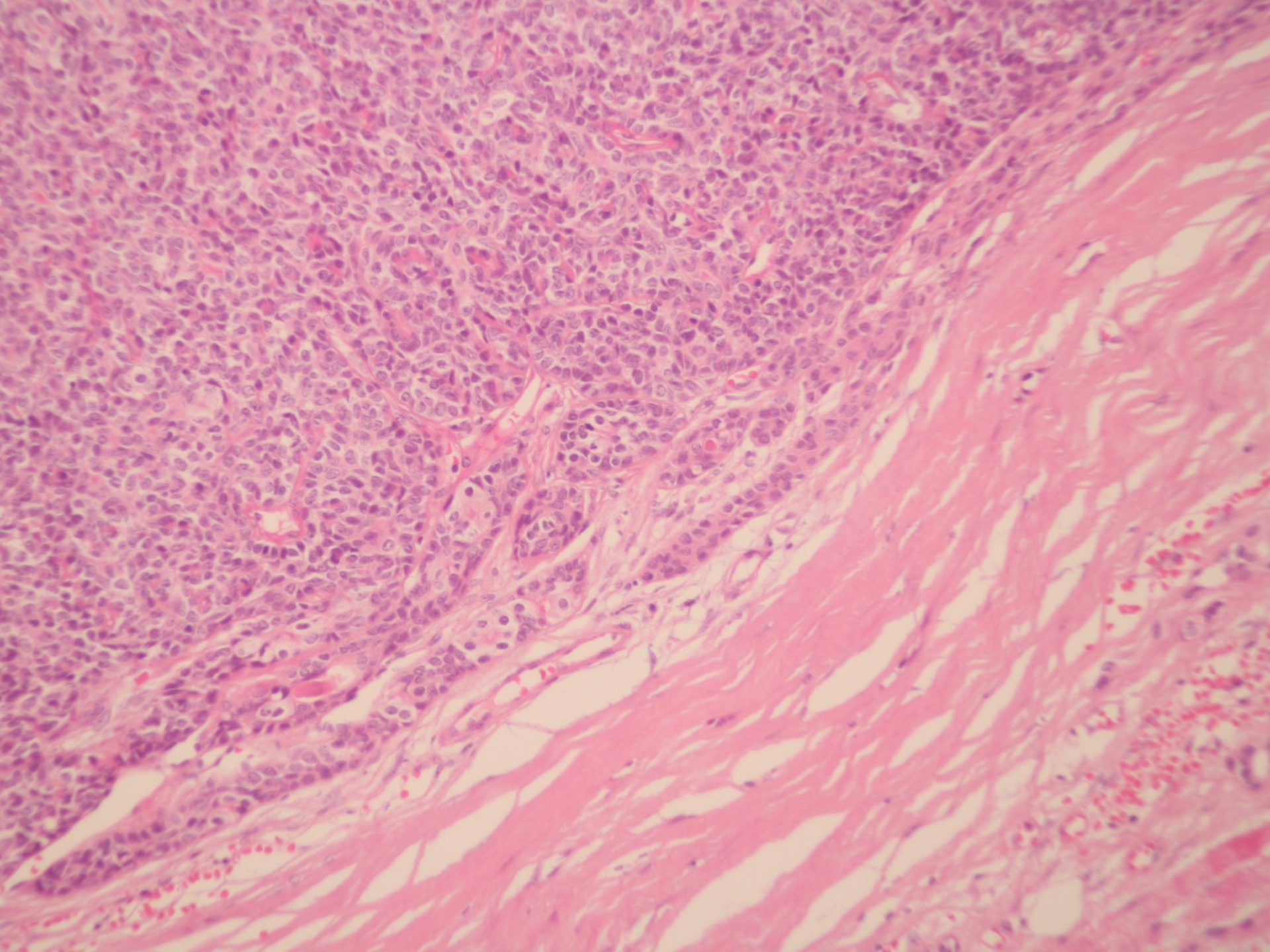
Klinik ve Makroskopik Özellikler

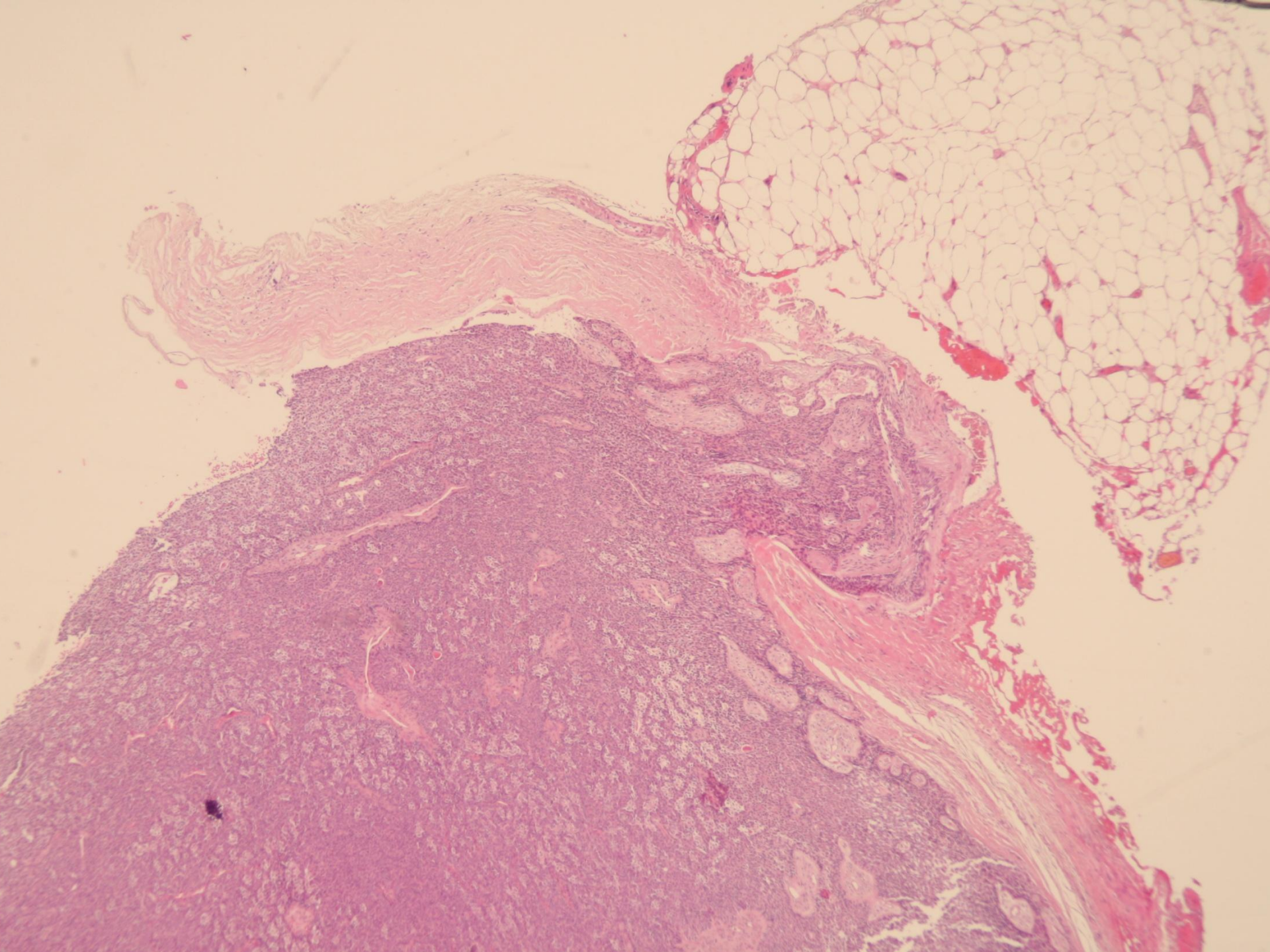
- Konsültasyon olgusu
- 54/K
- Sol parotis süperfisiyel ve derin loblarda kitle ile parafaringeal bölgede izole kitle
- **Makroskopi:**
 - Sol parotis süperfisiyel lobda en yakın cerrahi sınıra 3 mm uzaklıkta, 13 mm çapında, düzgün sınırlı, kirli beyaz renkte nodüler bir lezyon
 - 13 mm çaplı kitleden 9 mm uzaklıkta 3 mm çapında, kirli beyaz renkte bir alan
 - Sol parotis derin lobda büyüğü 25 mm, küçüğü 7 mm çaplı sarı-kahverenkli doku örnekleri
 - Parafaringeal bölgede 10 mm çapında kirli beyaz renkte, düzgün sınırlı nodüler bir lezyon

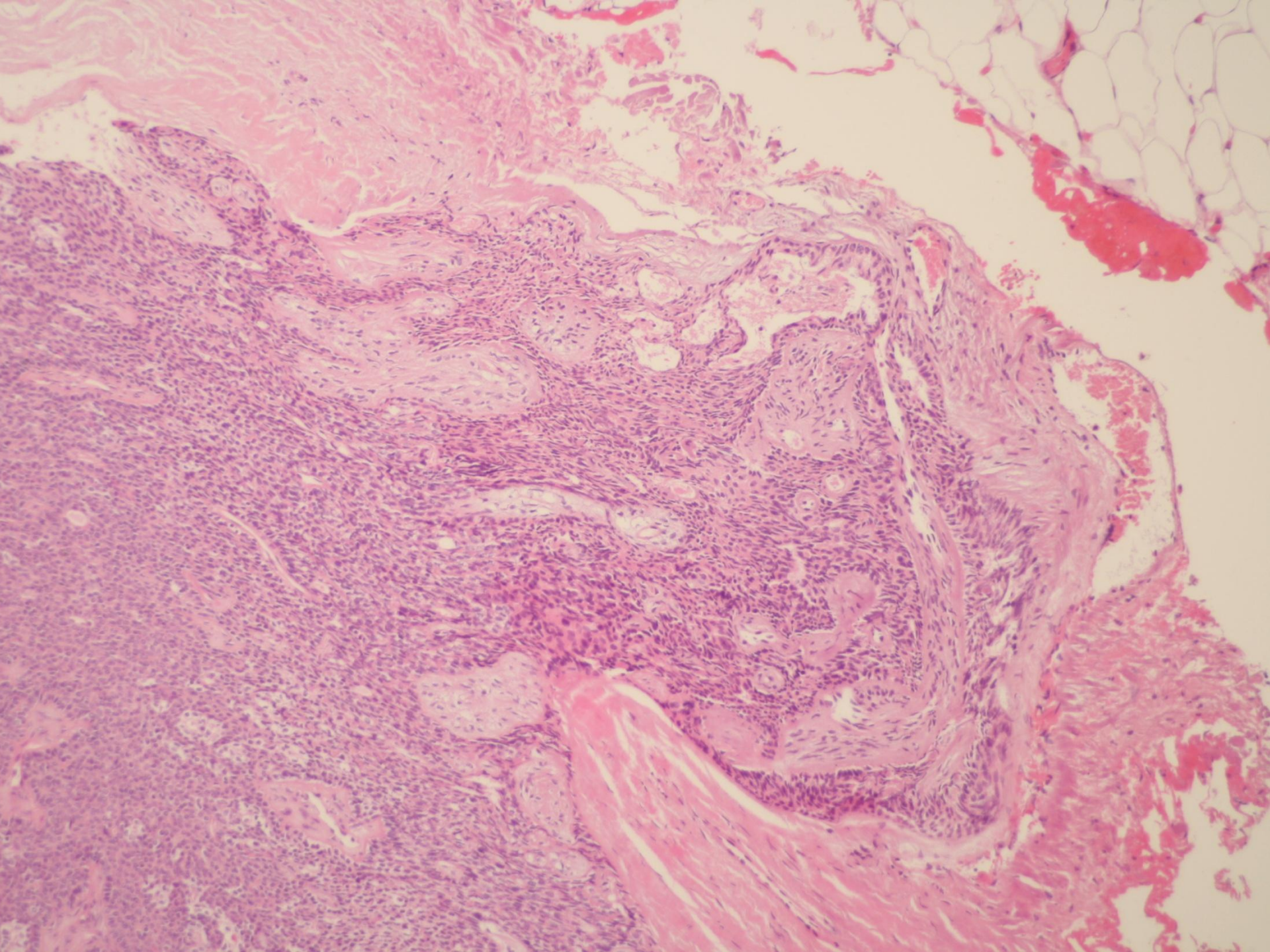


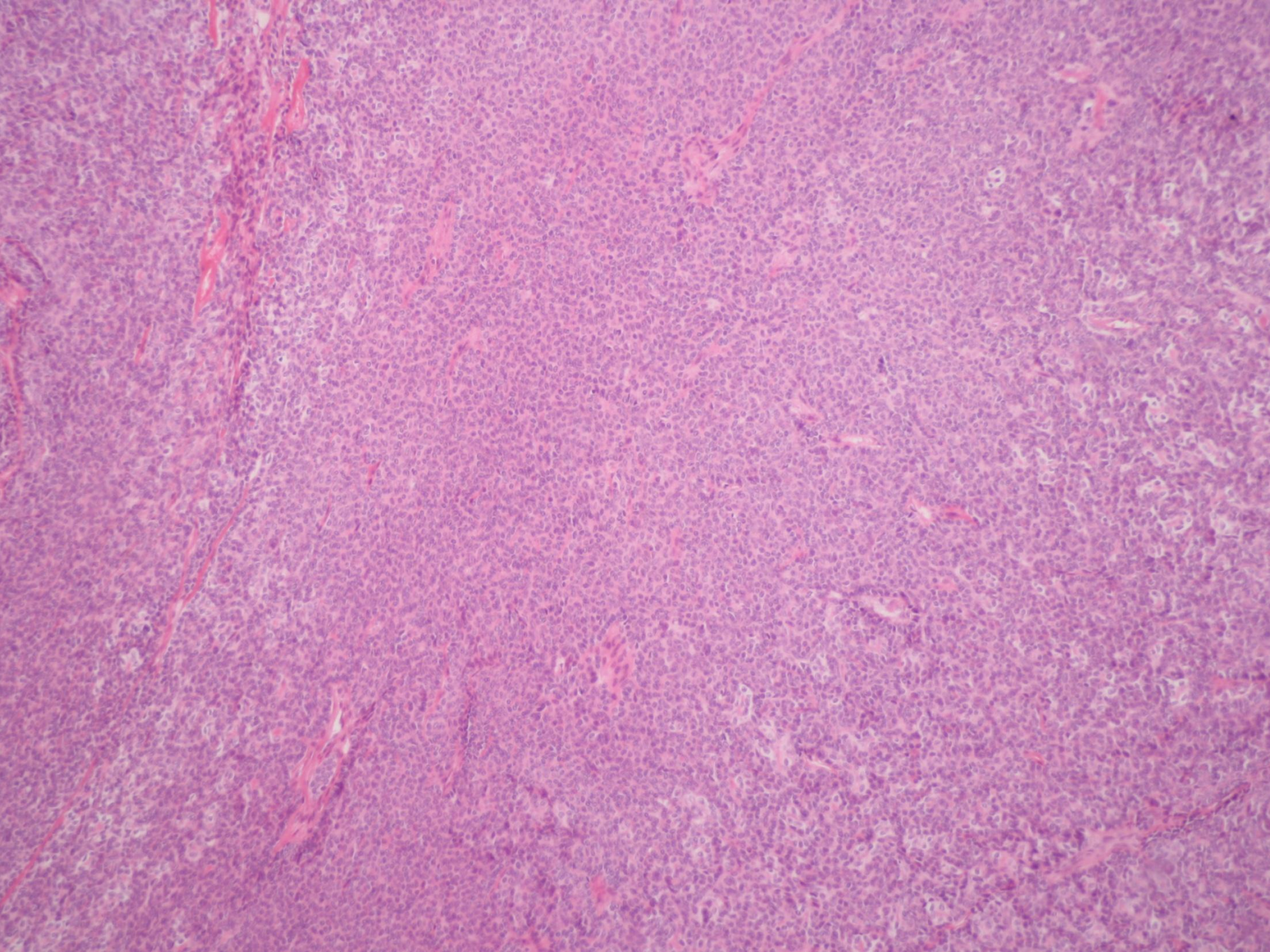


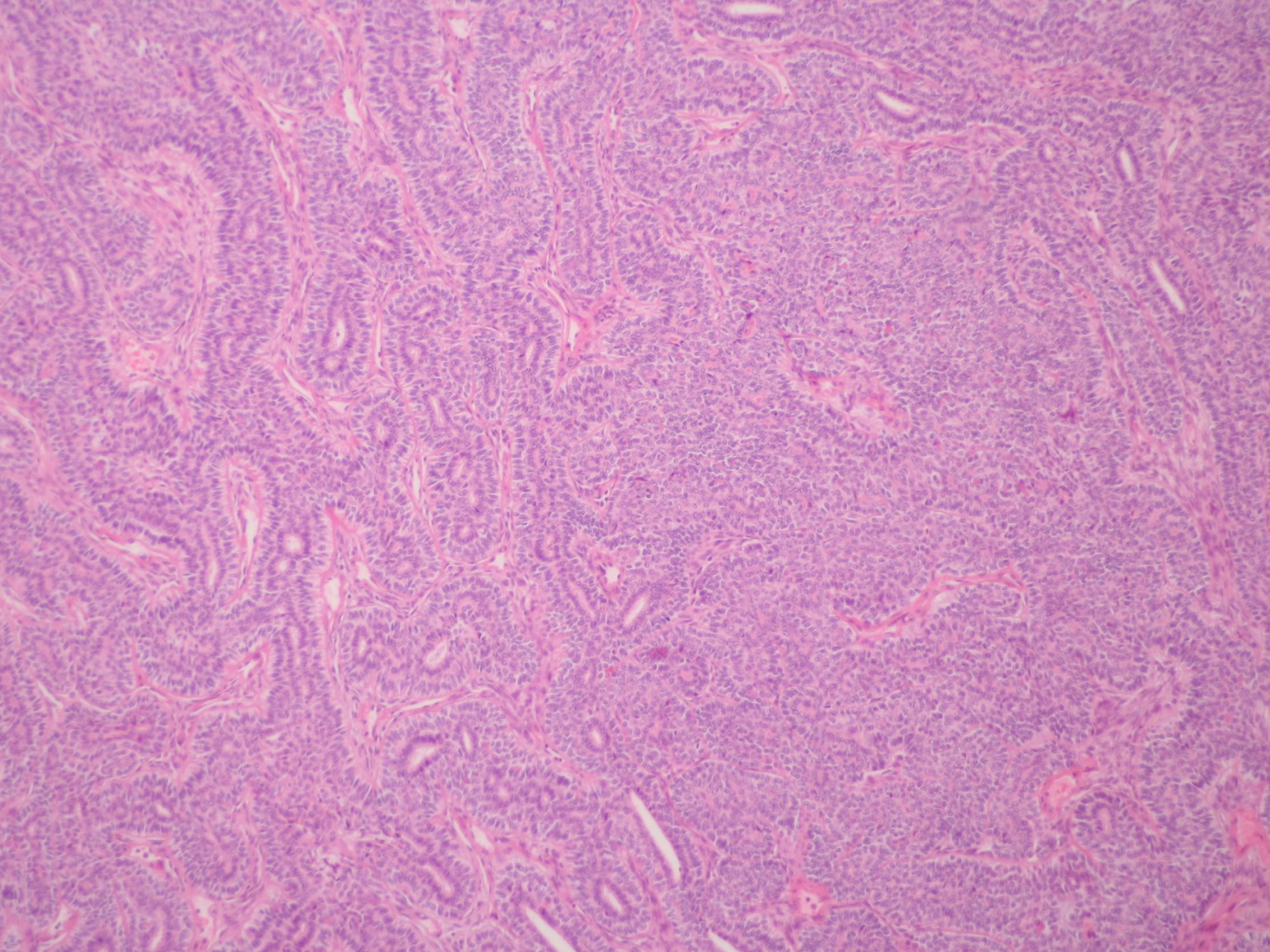


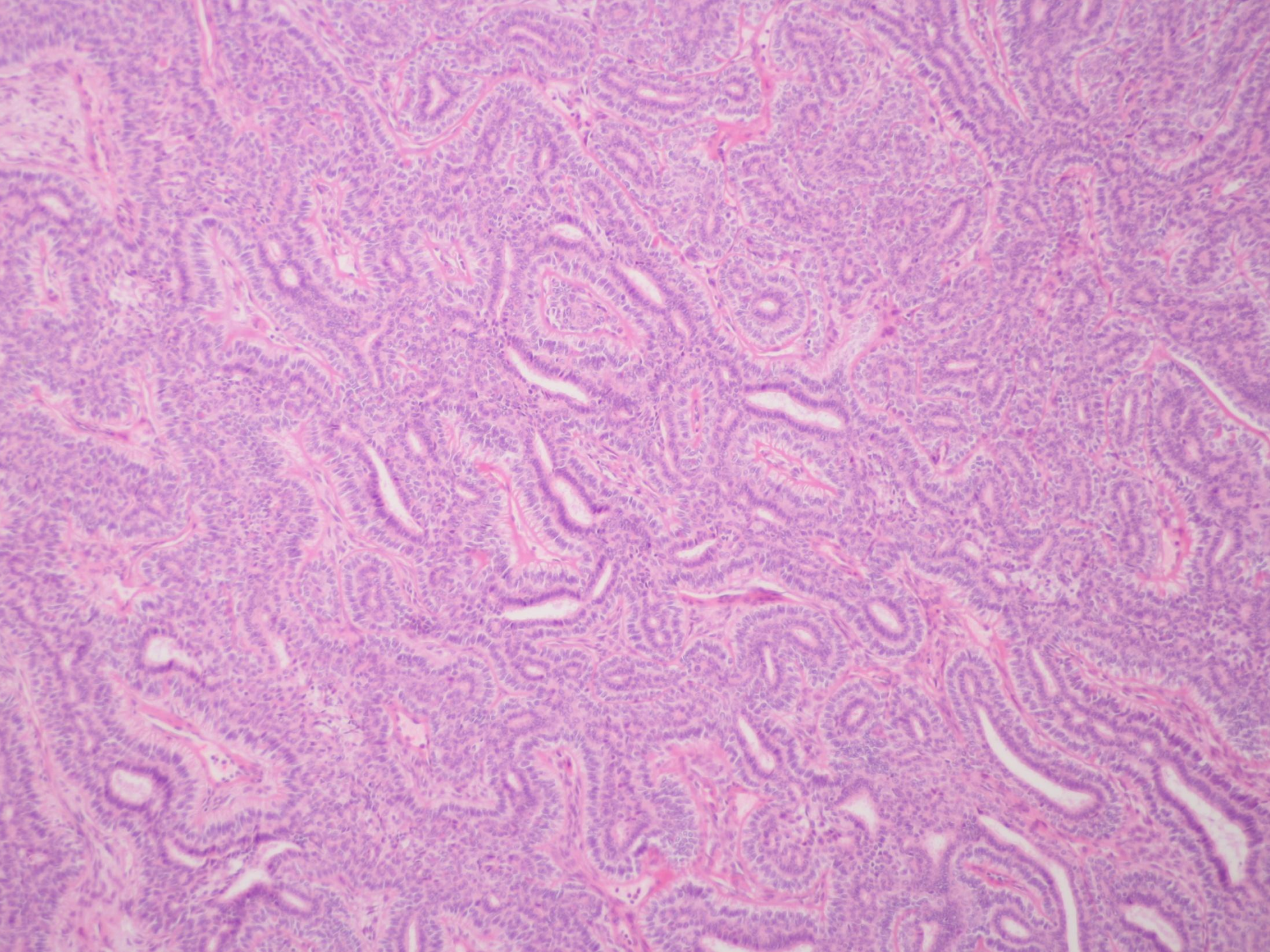


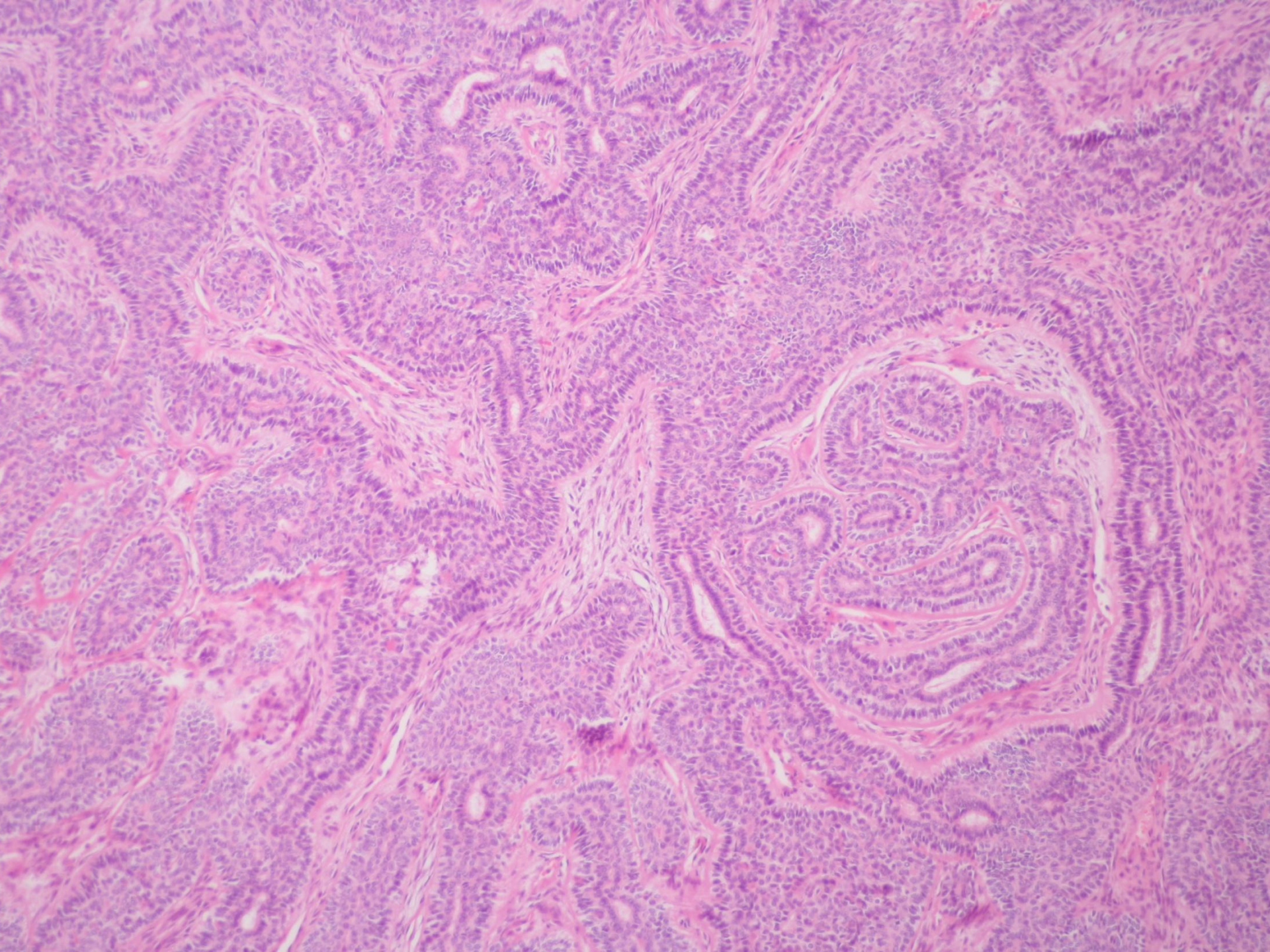


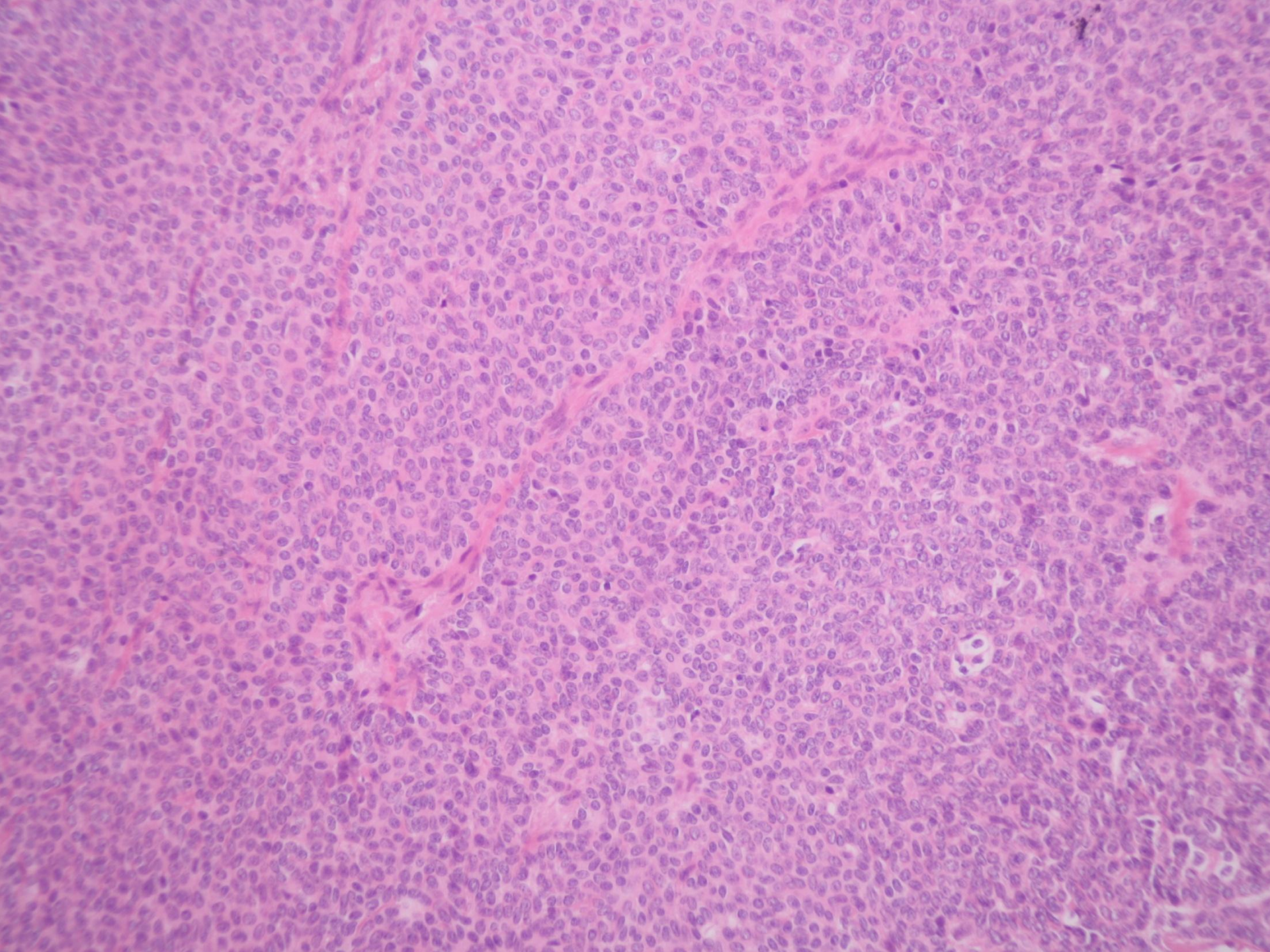


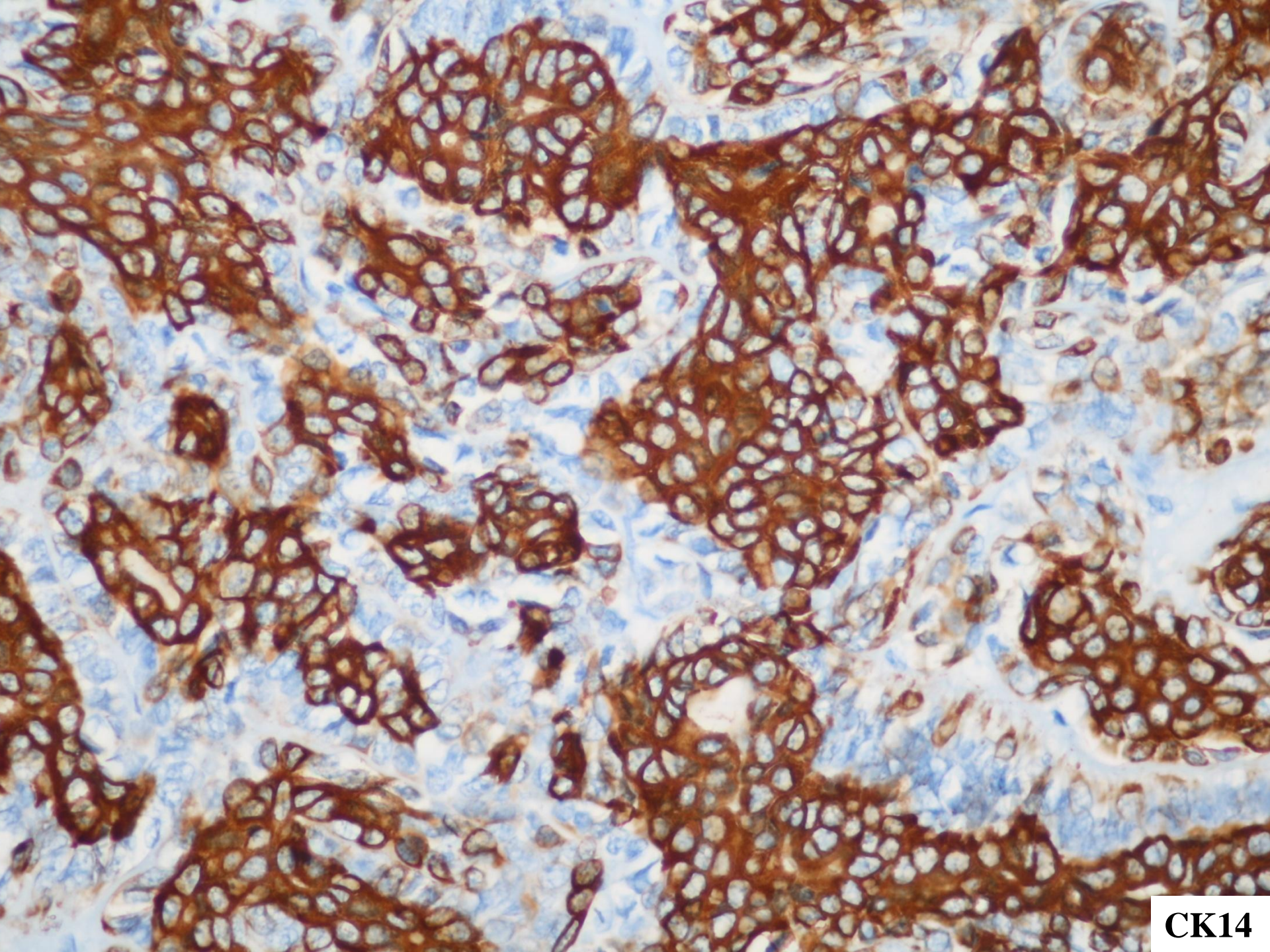




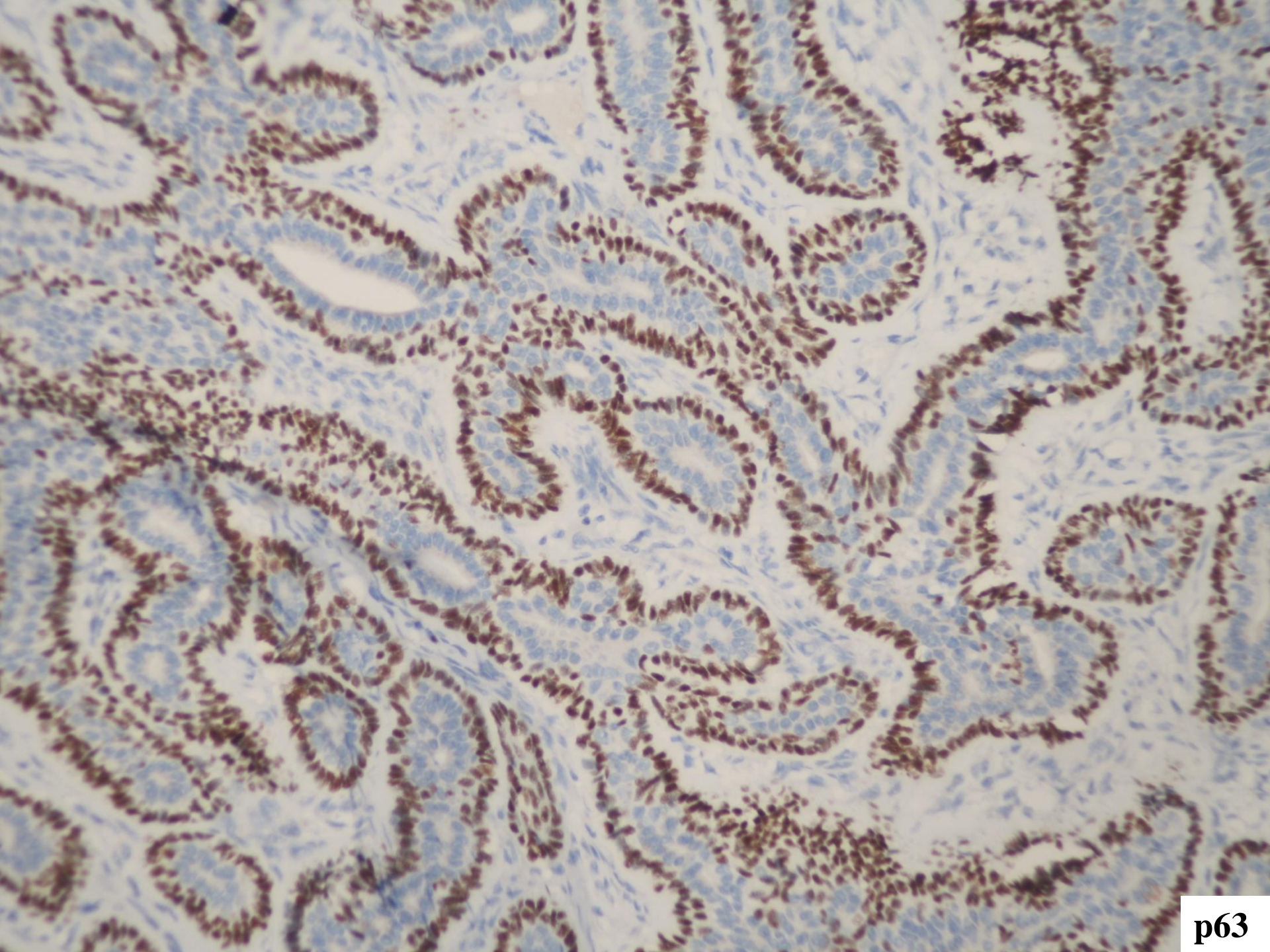




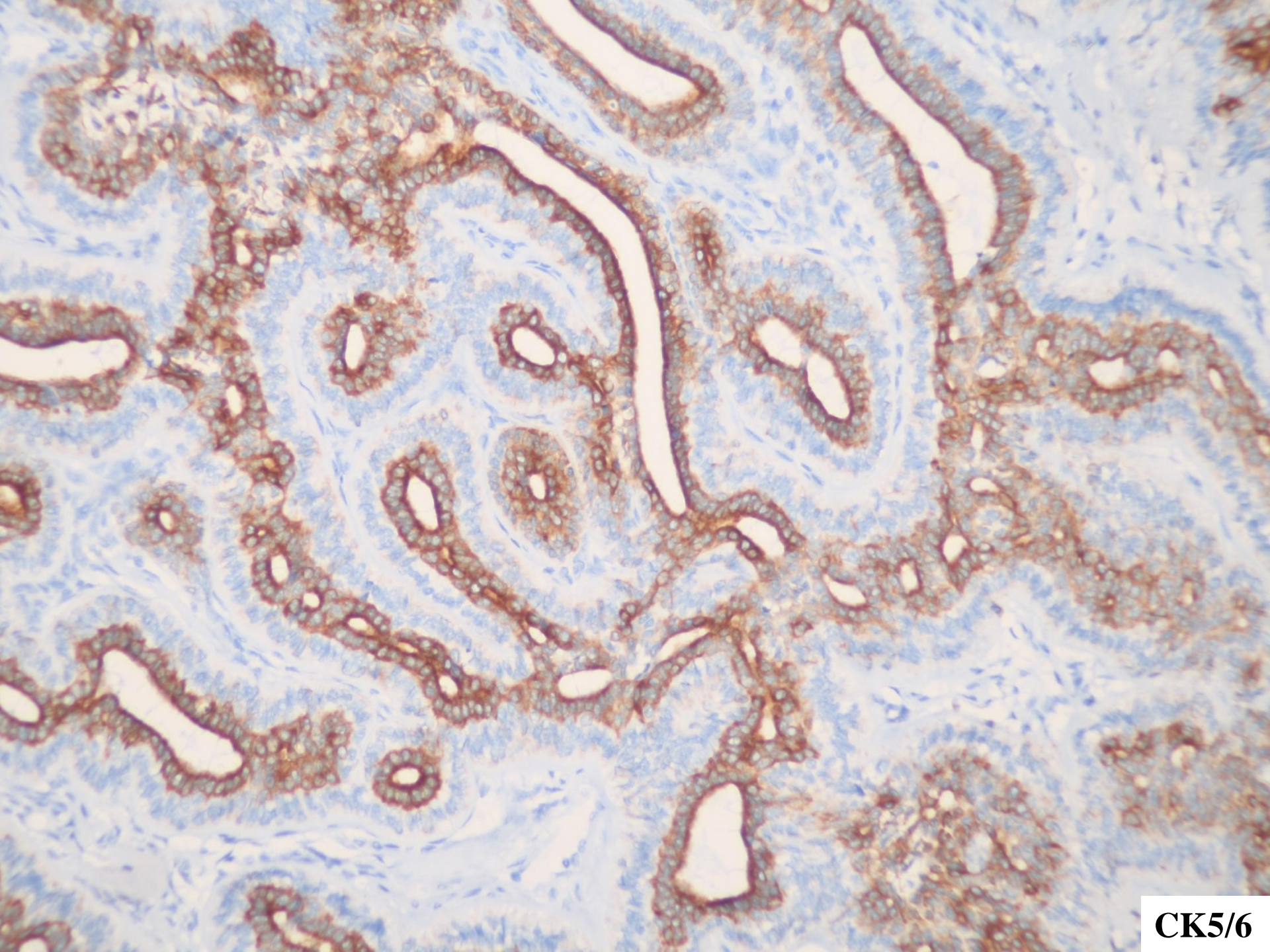




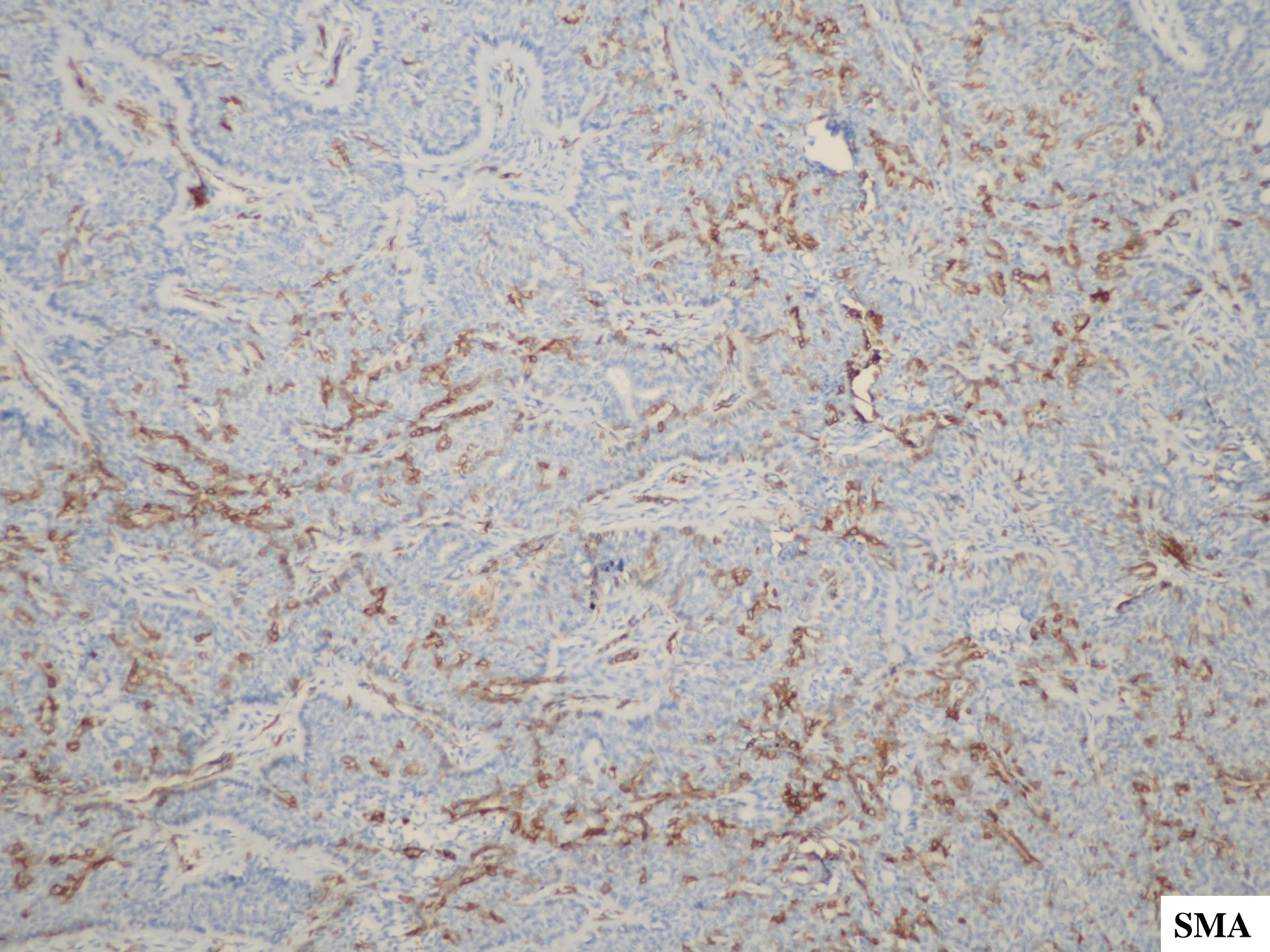
CK14



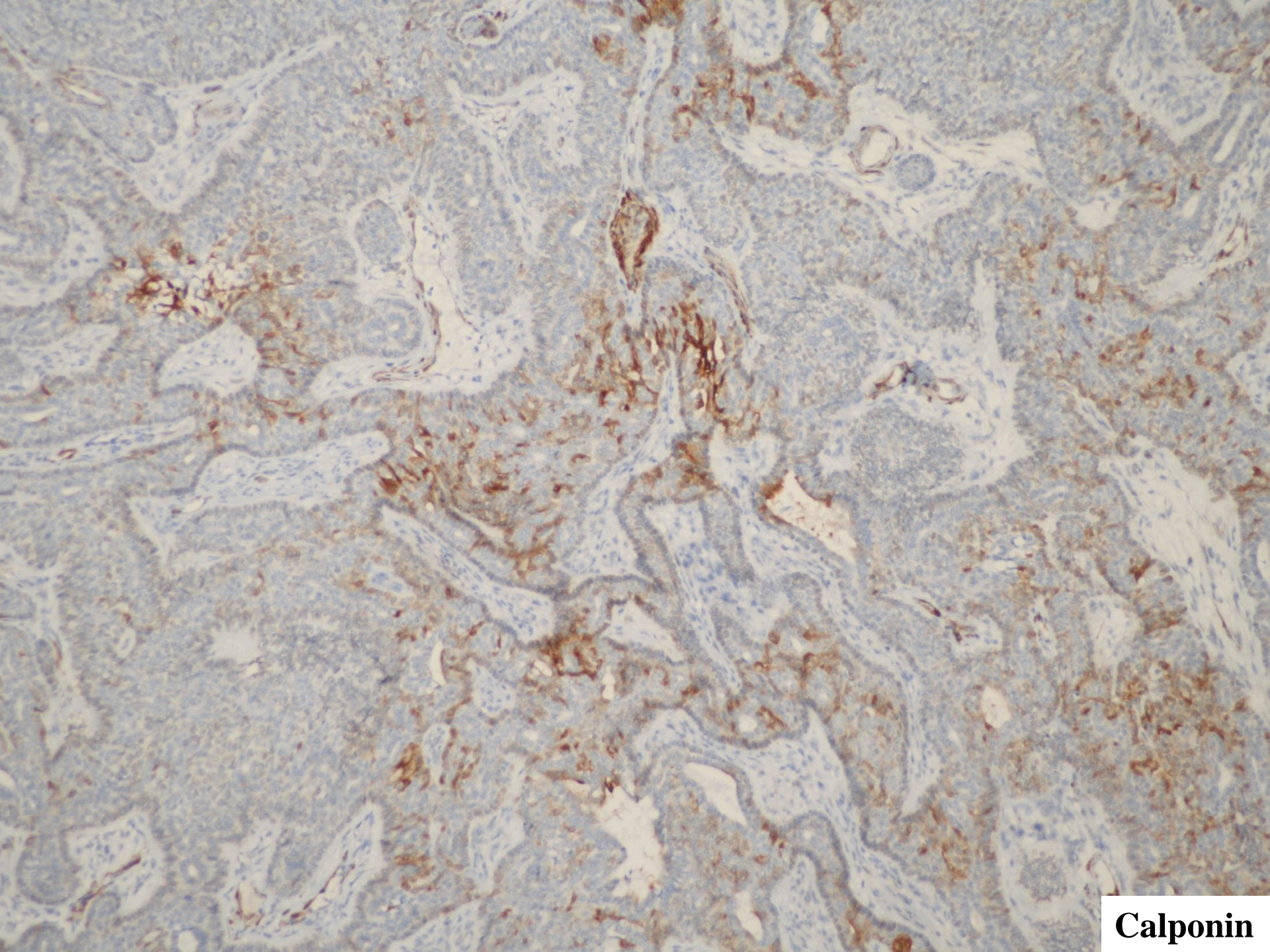
p63



CK5/6



SMA



Calponin

Bazal Hücreli Adenokarsinom (BHAK)

BHAK: Tanım ve Klasifikasyon

- **1990 öncesi** az sayıda olgu sunumu → Evans ve Cruickshank, 1970; Luna ve MacKay, 1976; Klima ve ark, 1978; Chen, 1985
- Ellis ve Wiscovitch, 1990 → AFIP 29 olgu serisi
- **DSÖ, 1991** “Tükrük Bezi Tümörleri Histolojik Klasifikasyonu”, **2nd edn** → Antite olarak tanımlanması
- Sitolojik ve histomorfolojik olarak bazal hücreli adenoma benzeyen, çevre dokulara infiltrasyon göstermesi nedeniyle malign özellikte bir neoplazi → **DSÖ, 2005** “Tükrük Bezi Tümörleri Histolojik Klasifikasyonu”: İyi prognoz gösteren, düşük gradeli tükrük bezi karsinomu
- Tüm tükrük bezi tümörlerinin %1.6’sını, tüm malign tükrük bezi tümörlerinin ise %2.9’unu oluşturmakta
- Geniş diferansiyasyon potansiyeline sahip öncü hücreler olan duktal rezerv hücrelerden köken aldığı düşünülmekte
- BHAK → “de novo”: %77
→ BHA malign transformasyonu (membranöz BHA): %23

Malign Bazaloid Tükrük Bezi Tümörleri - Terminoloji

DSÖ, 2005 Tükrük Bezi Tümörleri Histolojik Klasifikasyonu

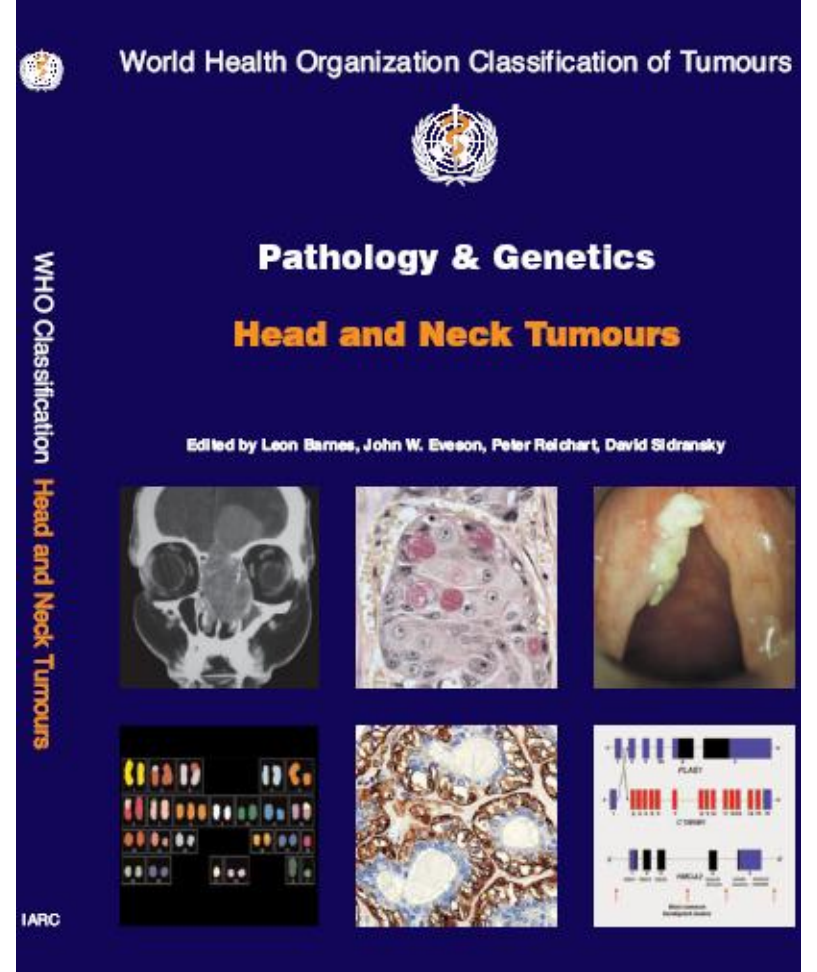


Basal hücreli adenokarsinom

Yenidoğanlarda bazal hücreli adenom/karsinom



Sialoblastom

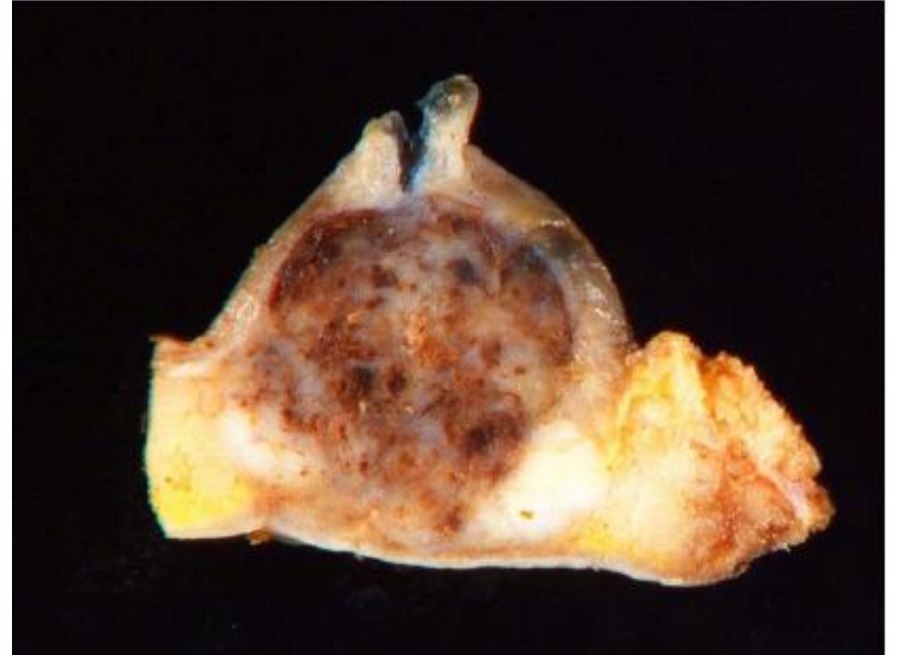


Kaynaklar

- Ellis GL, Wiscovitch JG: Basal cell adenocarcinoma of the major salivary glands. Oral Surg Oral Med Oral Pathol 1990;69:461-469.
- Atula T, Klemi P-J, Donath K, Happonen R-P, Joensuu H, Grennan R. Basal cell adenocarcinoma of the parotid gland: a case report and review of the literature. J Laryngol Otol 1993;107:862-864.
- Williams SB, Ellis GL, Auclair PL. Immunohistochemical analysis of basal cell adenocarcinoma. Oral Surg Oral Med Oral Pathol 1993;75:64-69.
- McCluggage G, Sloan J, Cameron S, Hamilton P, Toner P. Basal cell adenocarcinoma of the submandibular gland. Oral Surg Oral Med Oral Pathol Oral Radiol Endod 1995;79:342-350.
- Muller S, Barnes L: Basal cell adenocarcinoma of the salivary glands: report of seven cases and review of the literature. Cancer 1996;78:2471-2477.
- Franzen A, Koegel K, Knieriem JH, Pfaltz M: Basal cell adenocarcinoma of the parotid gland: a rare tumor entity: case report and review of the literature. HNO 1998;46:821-825.
- Chhieng DC, Paulino AF. Basaloid tumors of the salivary glands: Cytologic-pathologic correlation. Ann Diagn Pathol 2002;6:364-372.
- Parashar P, Baron E, Papadimitriou JC, Ord RA, Nikitakis NG: Basal cell adenocarcinoma of the oral minor salivary glands: review of the literature and presentation of two cases. Oral Surg Oral Med Oral Pathol 2007;103:77-84.
- Ward BK, Seethala RR, Barnes EL, Lai SY. Basal cell adenocarcinoma of a hard palate minor salivary gland: case report and review of the literature. Head & Neck Oncol 2009;1:41.

BHAK: Makroskopi

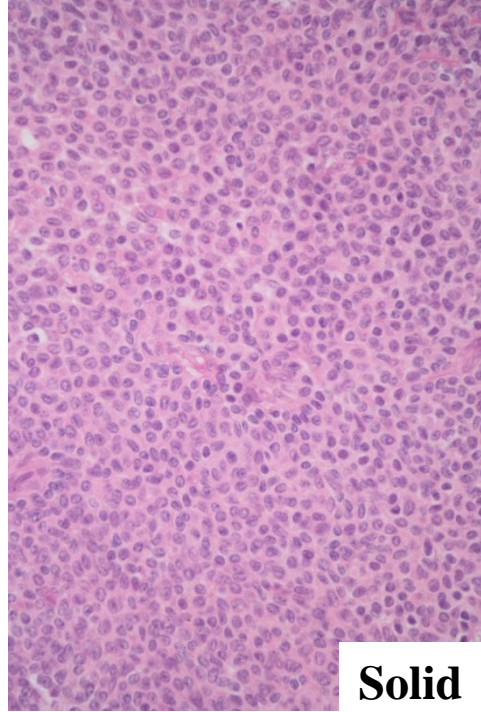
- Kapsül içermeyen, infiltratif kitle/İyi sınırlı
- Gri-beyaz, gri-kahverengi, homojen, solid veya fokal olarak kistik kesit yüzü



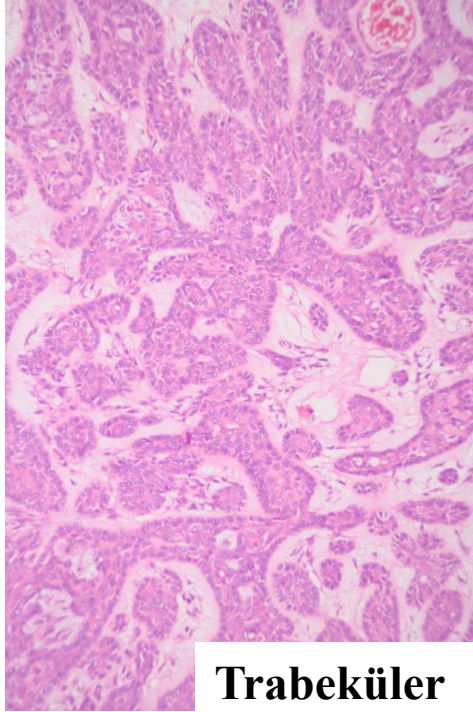
BHAK: Mikroskopi

BHAK paternleri

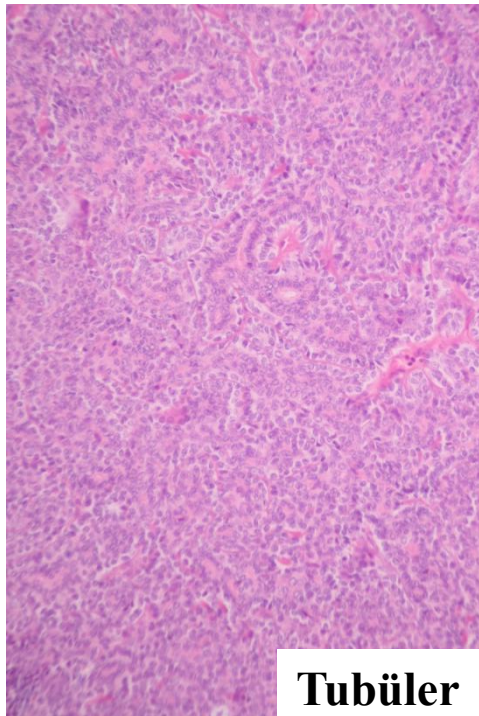
- Solid
- Trabeküler
- Tubüler
- Membranöz



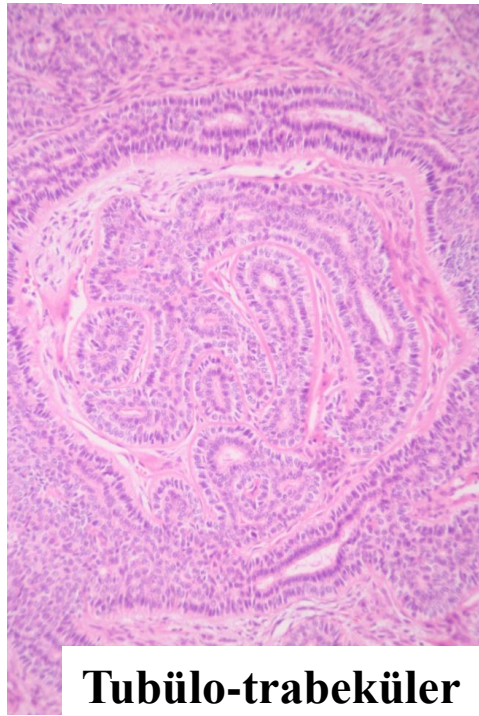
Solid



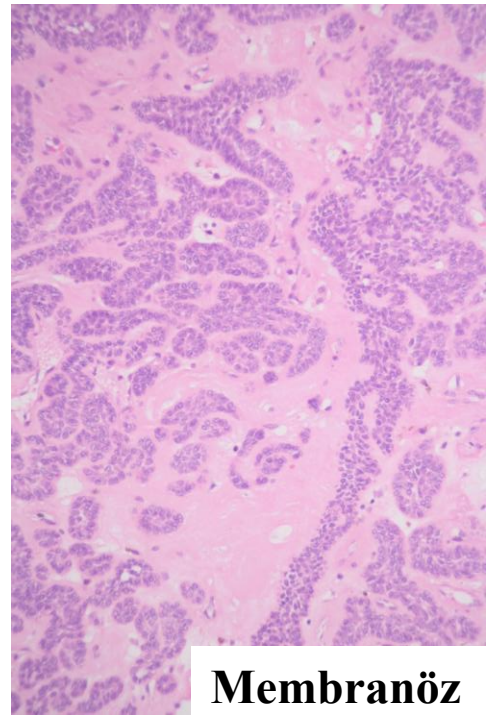
Trabeküler



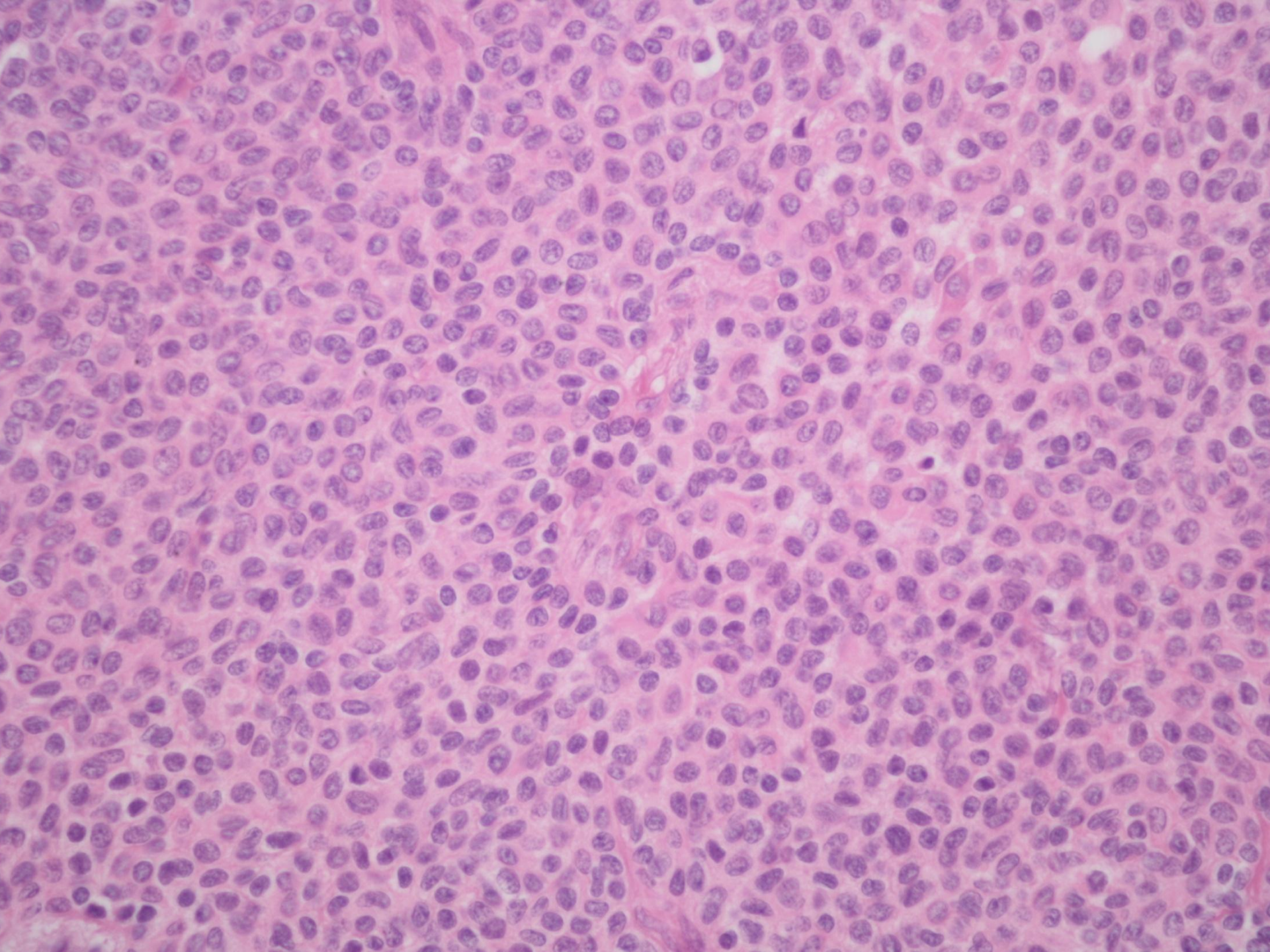
Tübüler



Tübulo-trabeküler

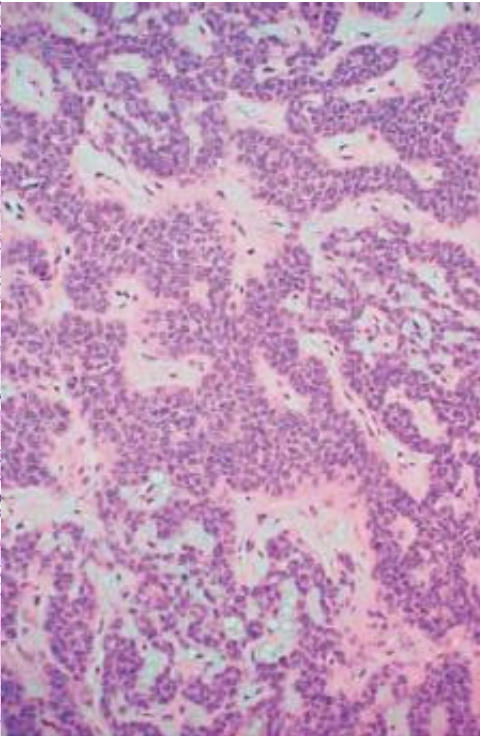
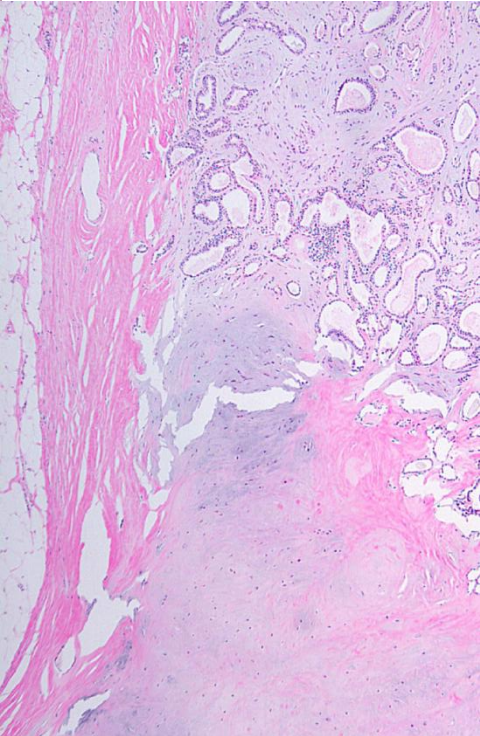
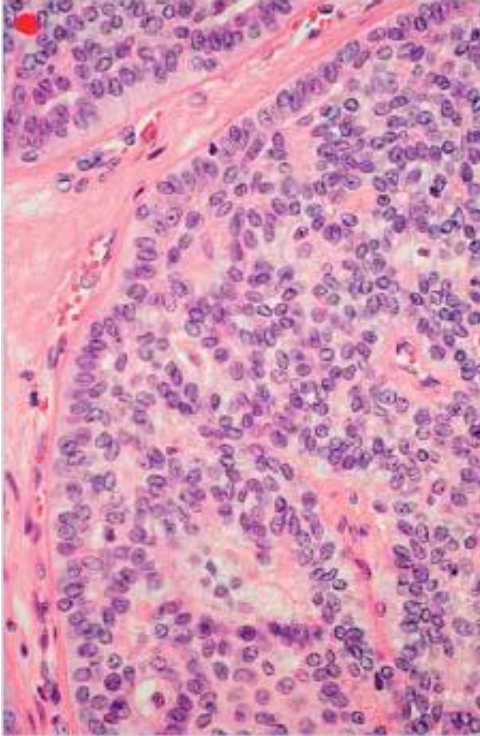
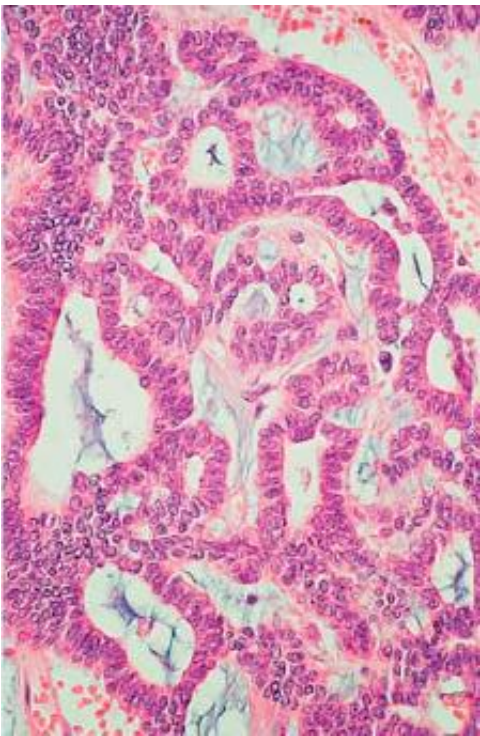


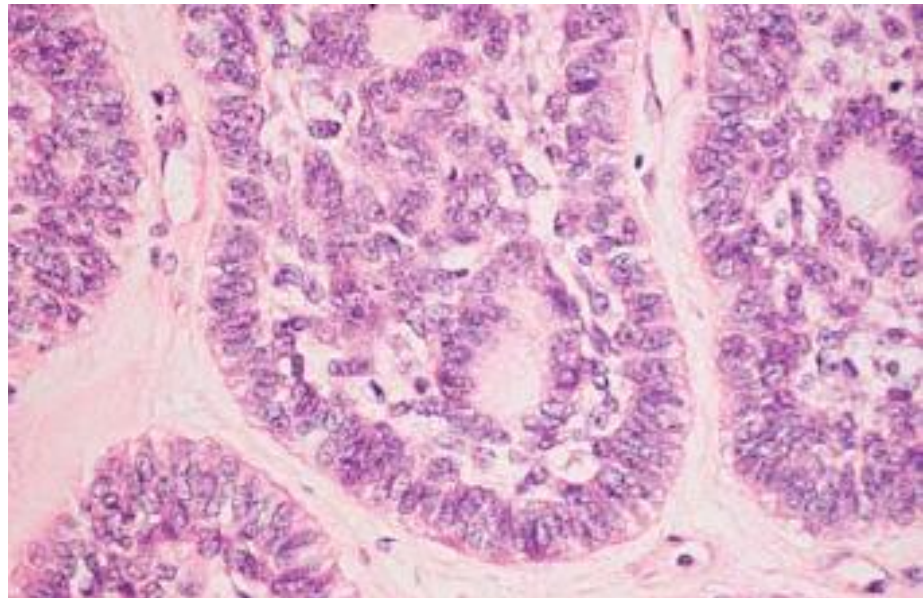
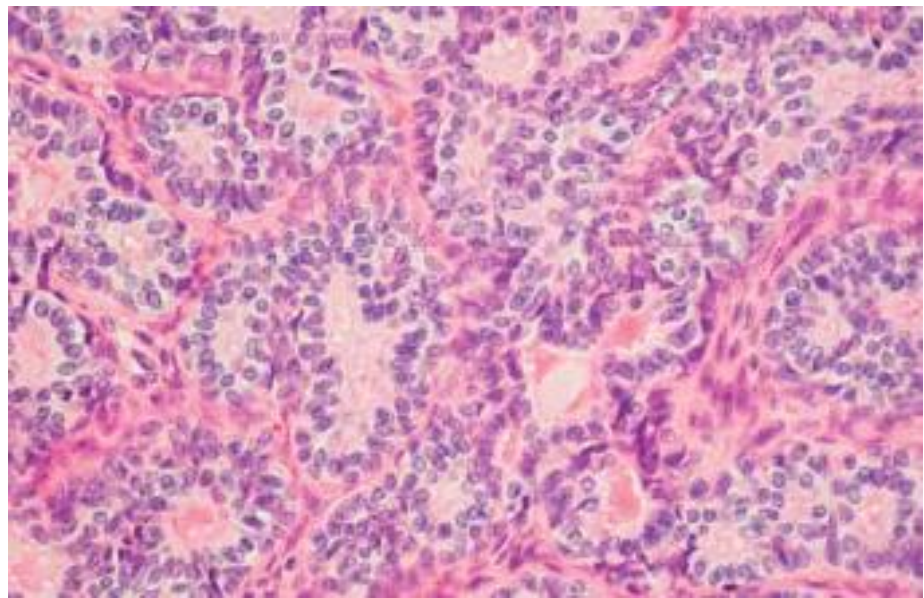
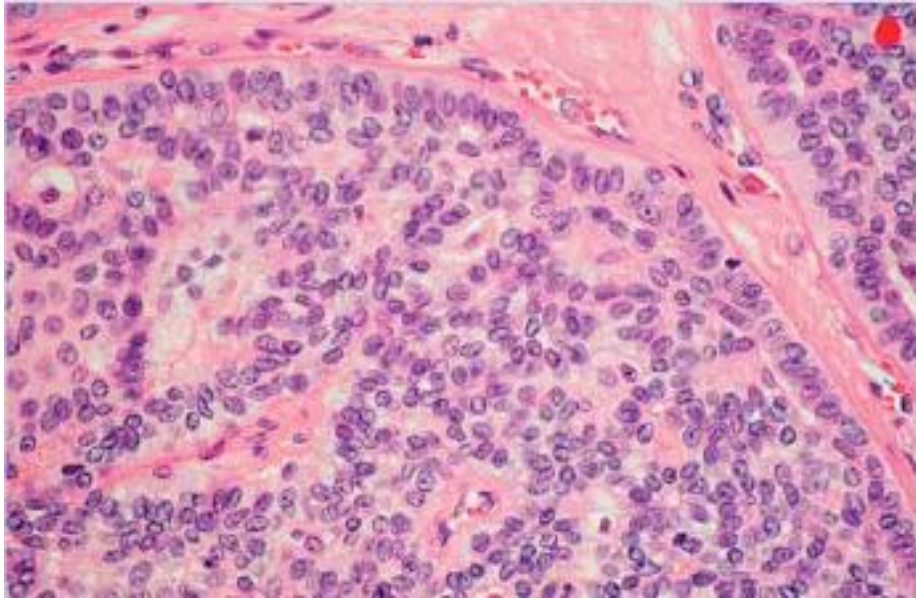
Membranöz

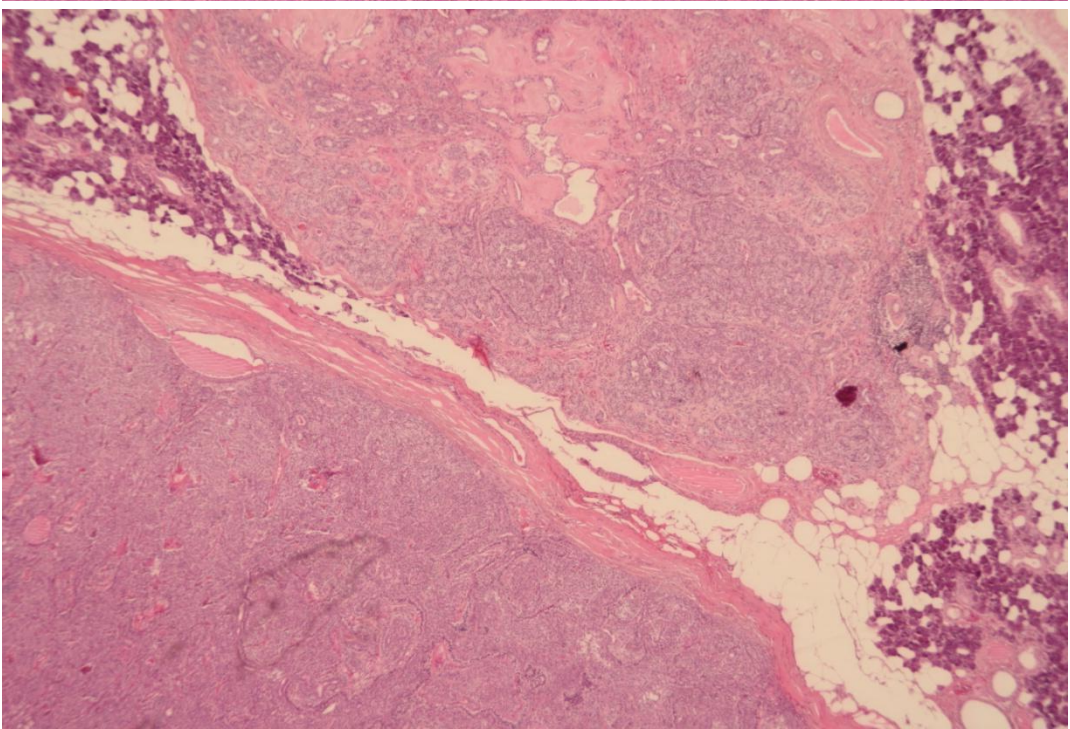
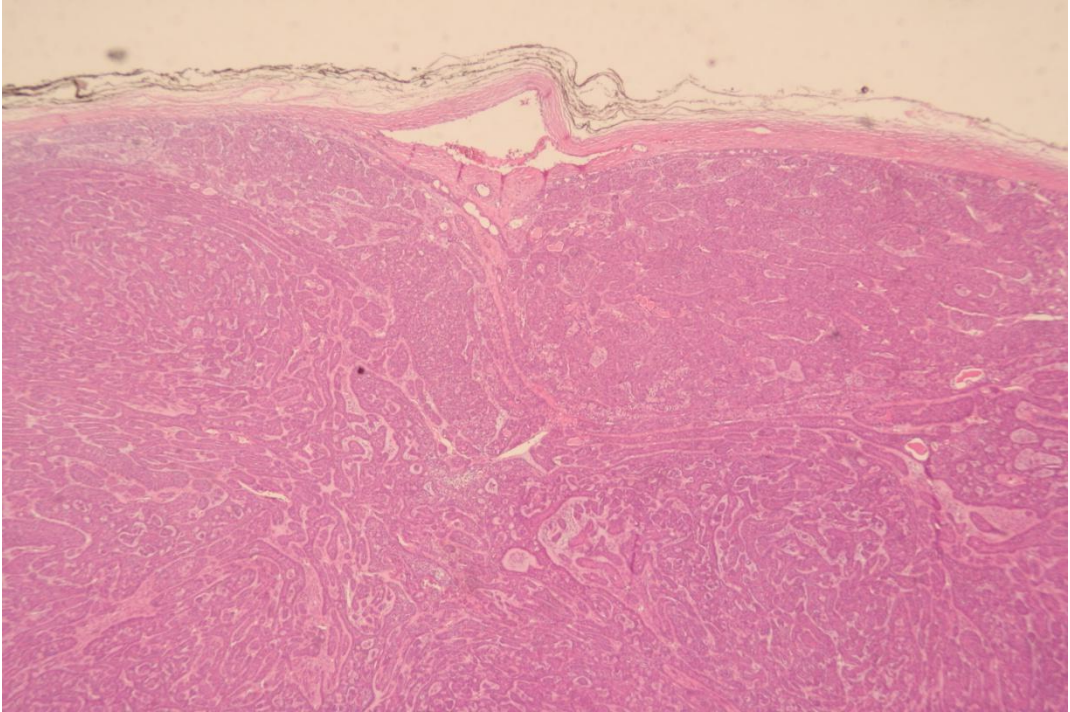


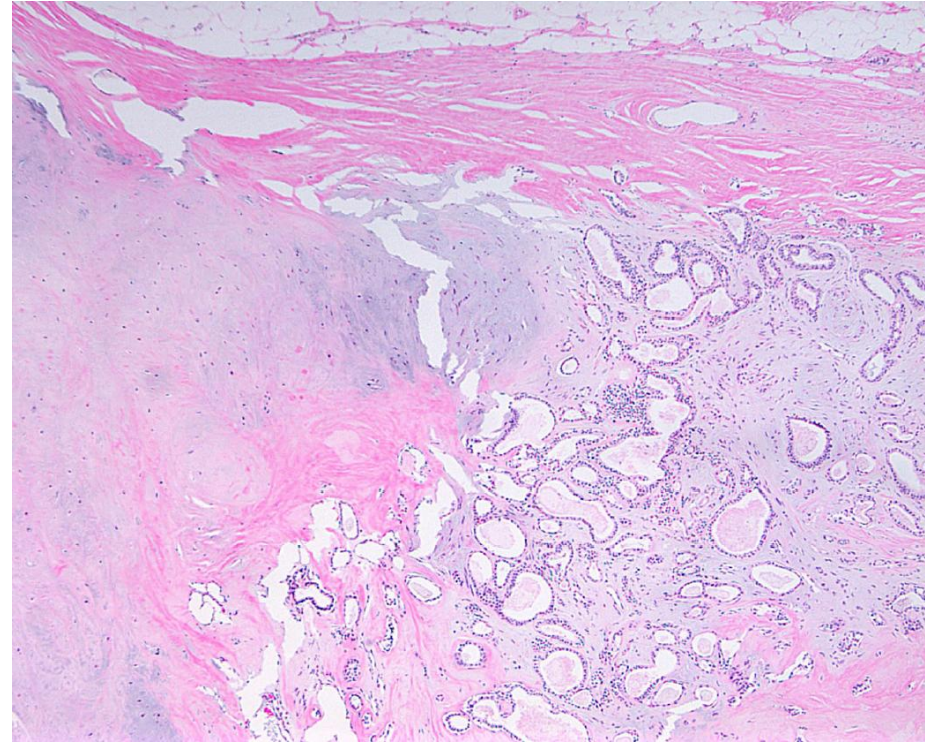
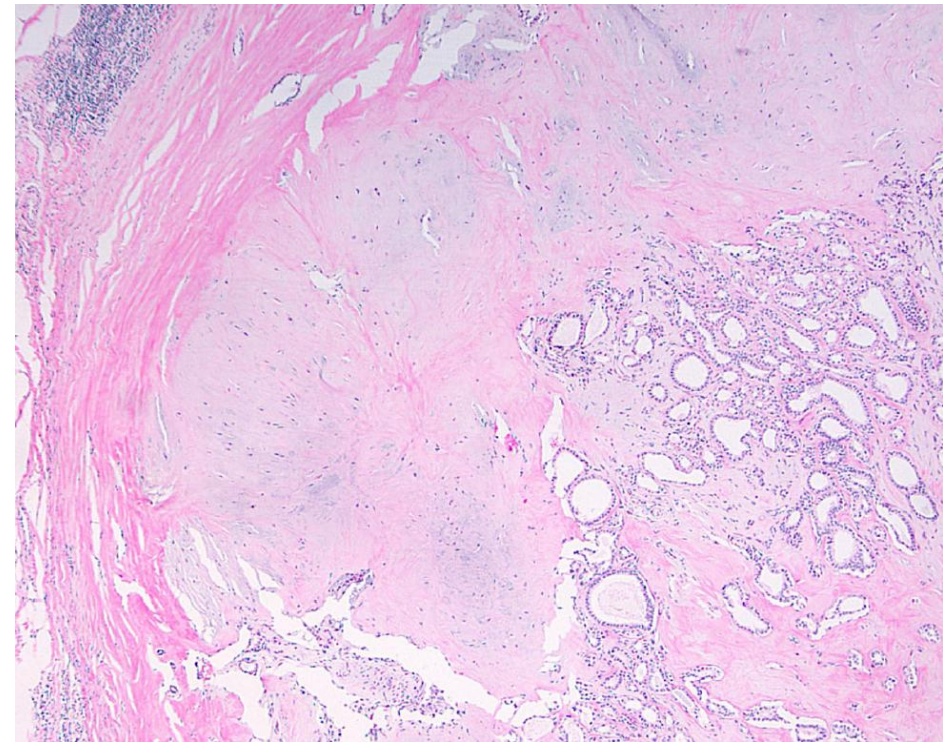
Membranöz BHA:

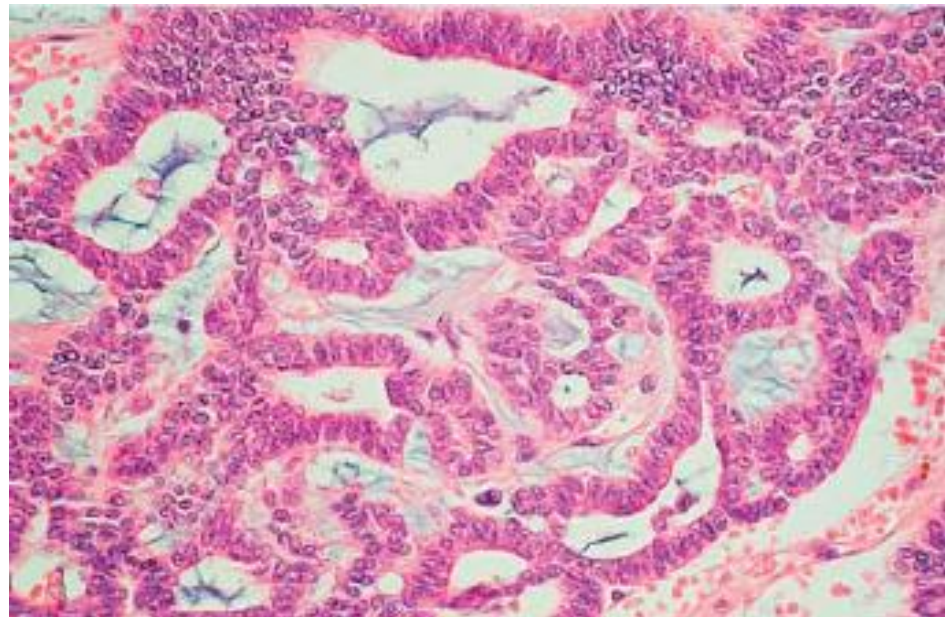
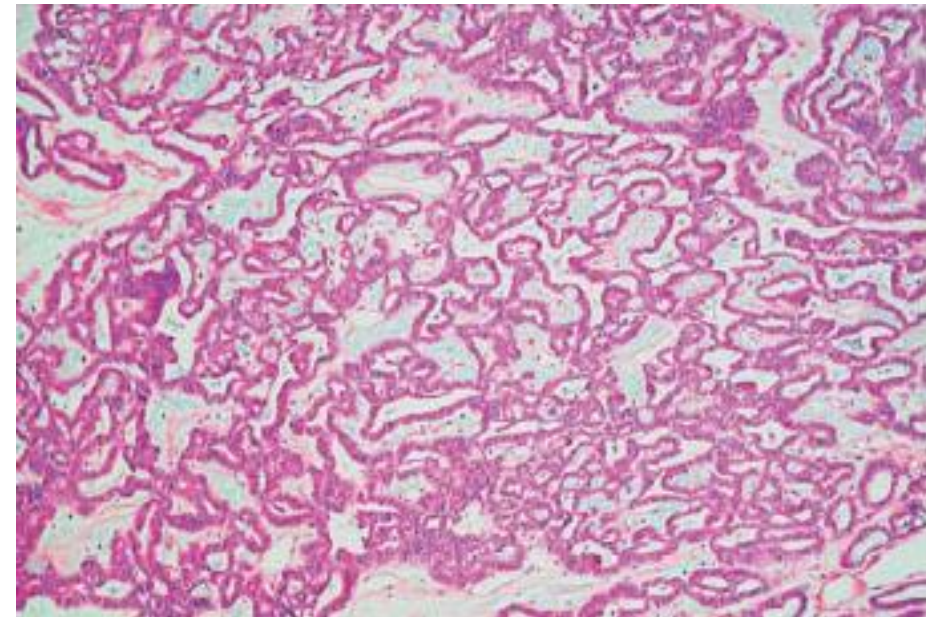
- Kapsül içermez
- Multifokal, multinodüler/multilobüler
- Yüksek nüks oranı







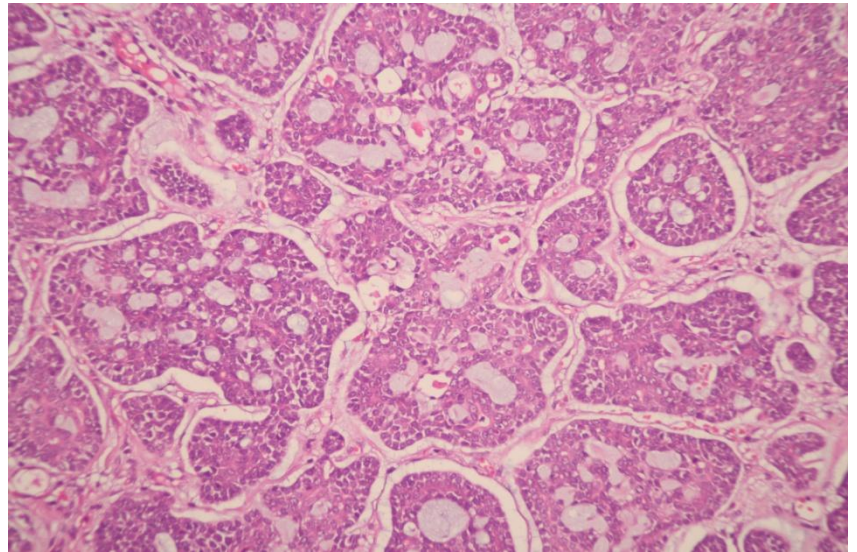
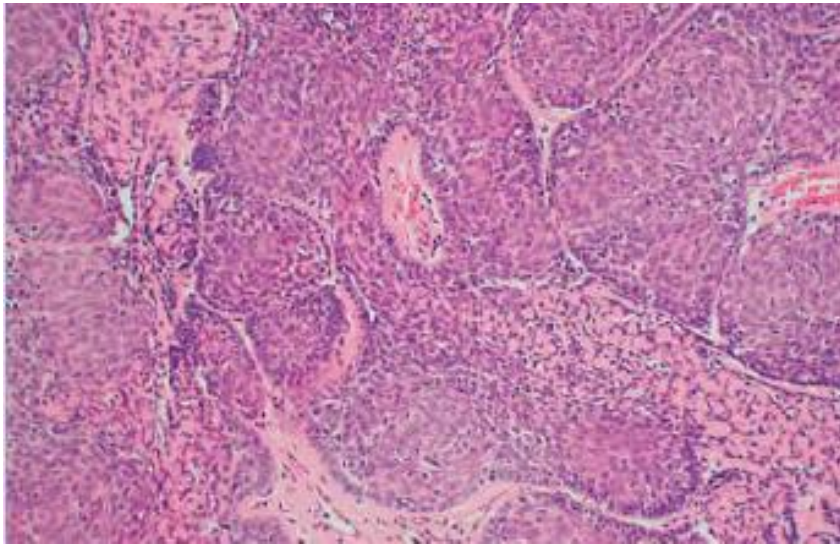
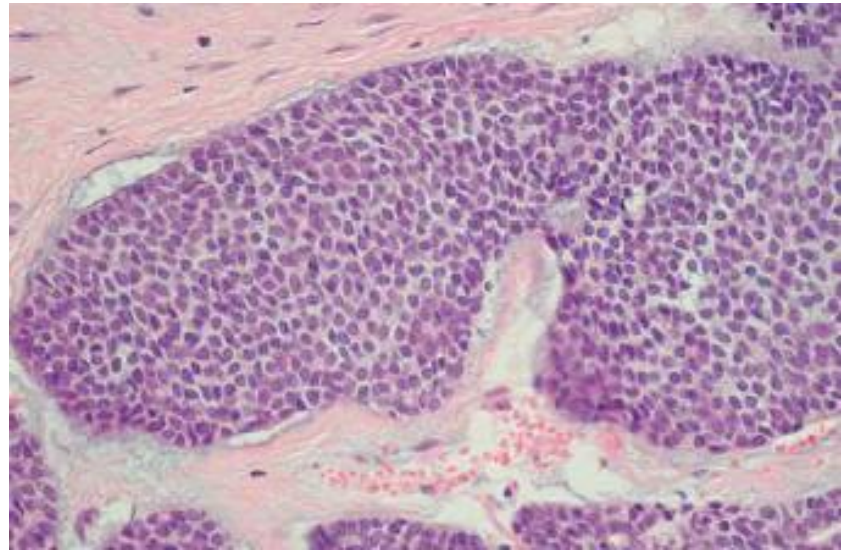
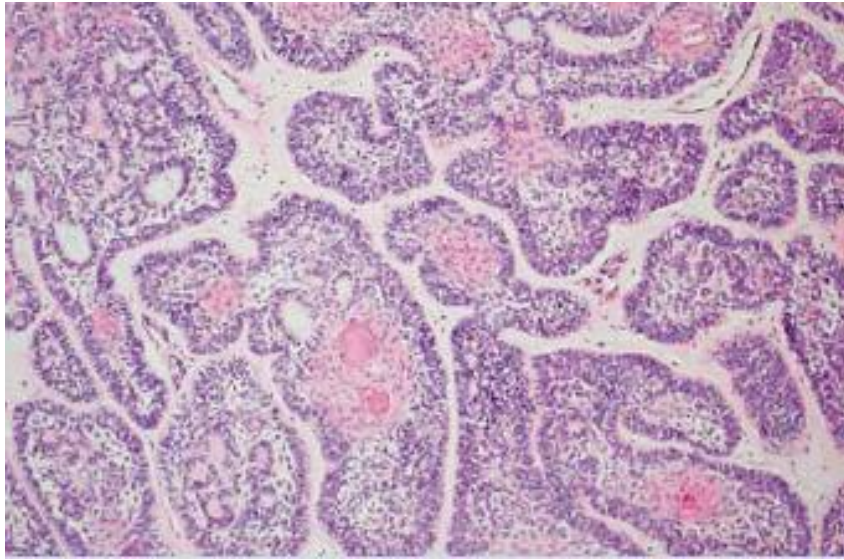




BHAK – AKK Ayırıcı Tanısı

Morfoloji ve Biyolojik Davranış	BHAK	AKK
Klasik kribriform patern ve mikrokistik boşluklar	-	+
Periferik palizatlanma	+, belirgin	, belirgin değil
Ameloblastom benzeri “stellate reticulum” benzeri patern (santralde gevşek ve diskoheziv hücreler)	+	-
İntraepitelyal eozinofilik hyalin globüller (bazal membran benzeri materyal)	+	-
Bazaloid hücreler	Görece pleomorfik, büyük hücreler, yuvarlak-oval ve veziküler nükleus	Görece üniform, küçük hücreler, angüler ve hiperkromatik nükleus
Skvamöz diferansiyasyon	+	-
Santral nekroz	-	+
CD117 ekspresyonu	, dağılım ve şiddet az	+, dağılım ve şiddet yoğun
HMW-CK ekspresyonu	+, (santral), -, (perifer)	-
CD43 ekspresyonu		+, yüksek oran
Prognoz	Daha iyi	Daha kötü

BHAK: Bazal hücreli adenokarsinom, **AKK:** Adenoid kistik karsinom



BHAK – BSHK Ayırıcı Tanısı

Morfolojik Özellikler

BHAK

BSHK

Skvamöz karsinoma in situ veya SHK

-

+

Ameloblastom benzeri “stellate reticulum” benzeri patern

+

-

Yüksek mitotik oran

-

+

BHAK: Bazal hücreli adenokarsinom, **BSHK:** Bazaloid skuamöz hücreli karsinom

BHAK – PDGA Ayırıcı Tanısı

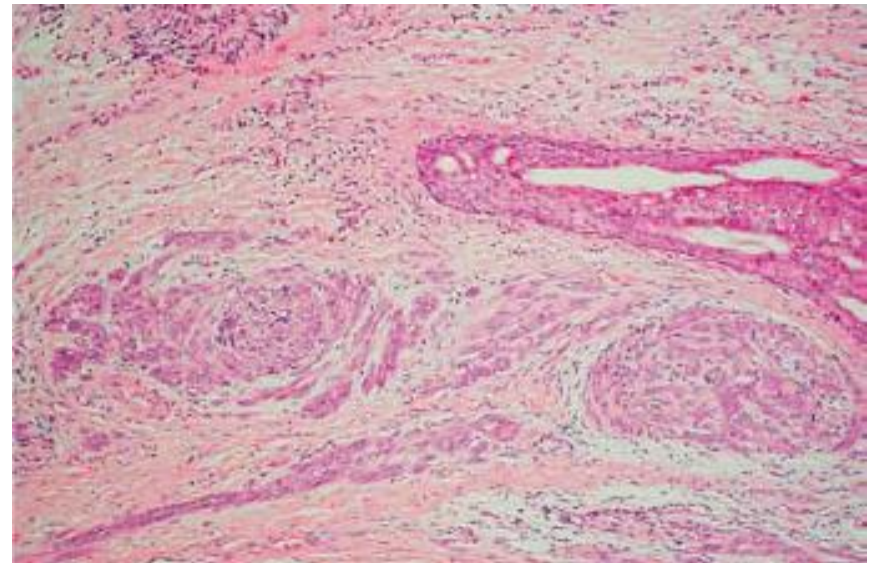
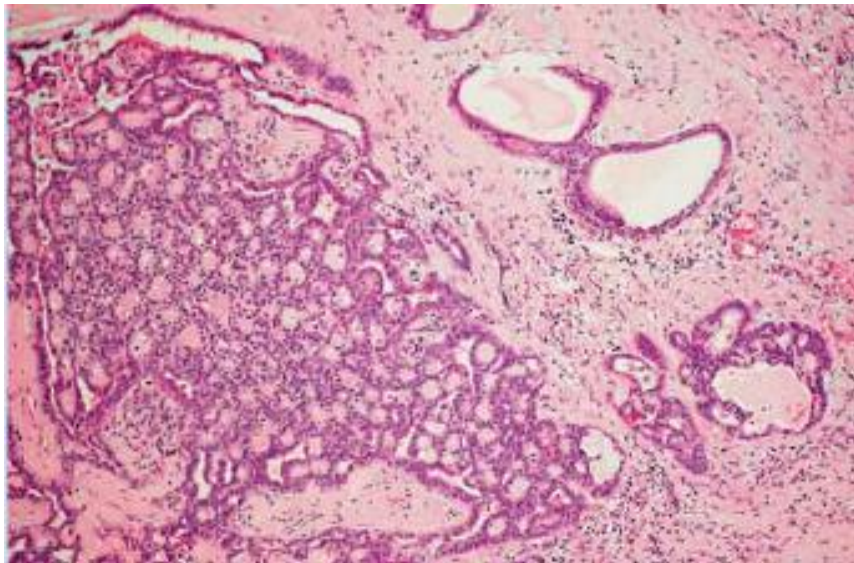
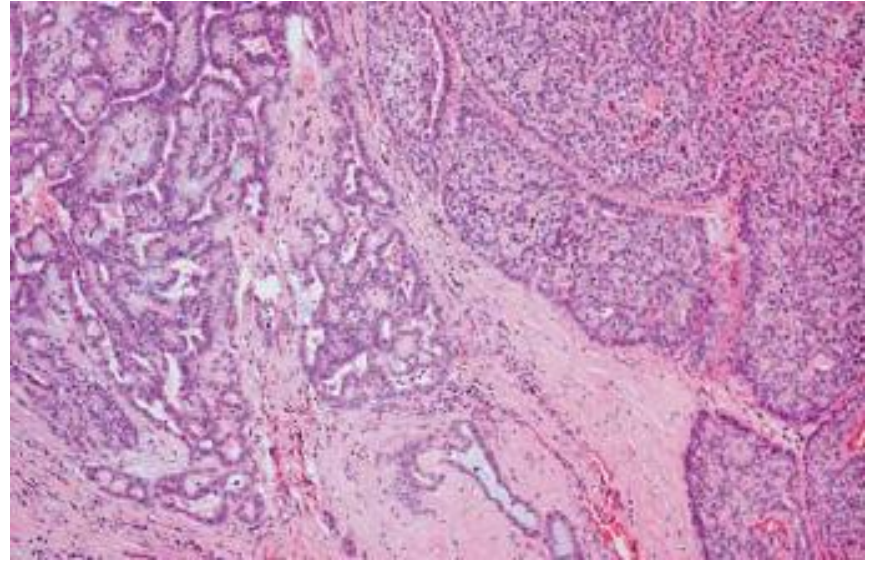
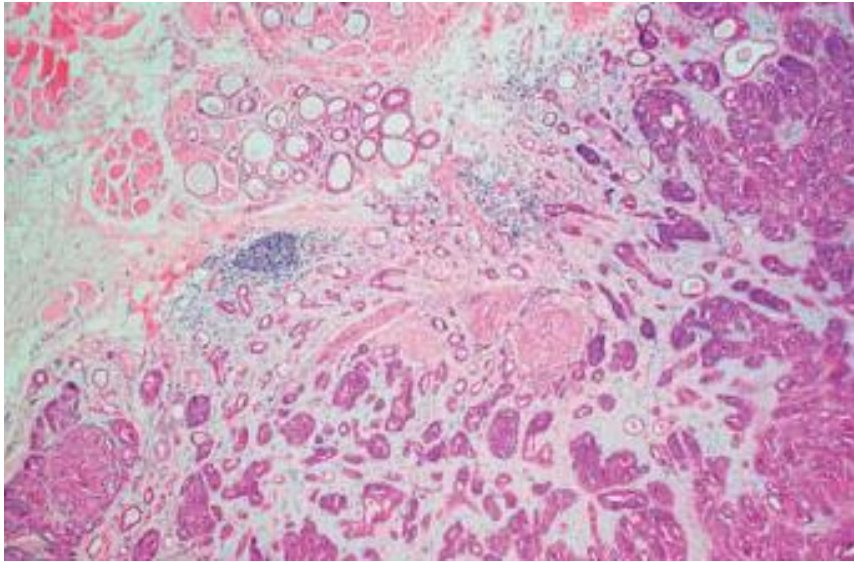
Makroskopik ve Mikroskopik Özellikler

BHAK

PDGA

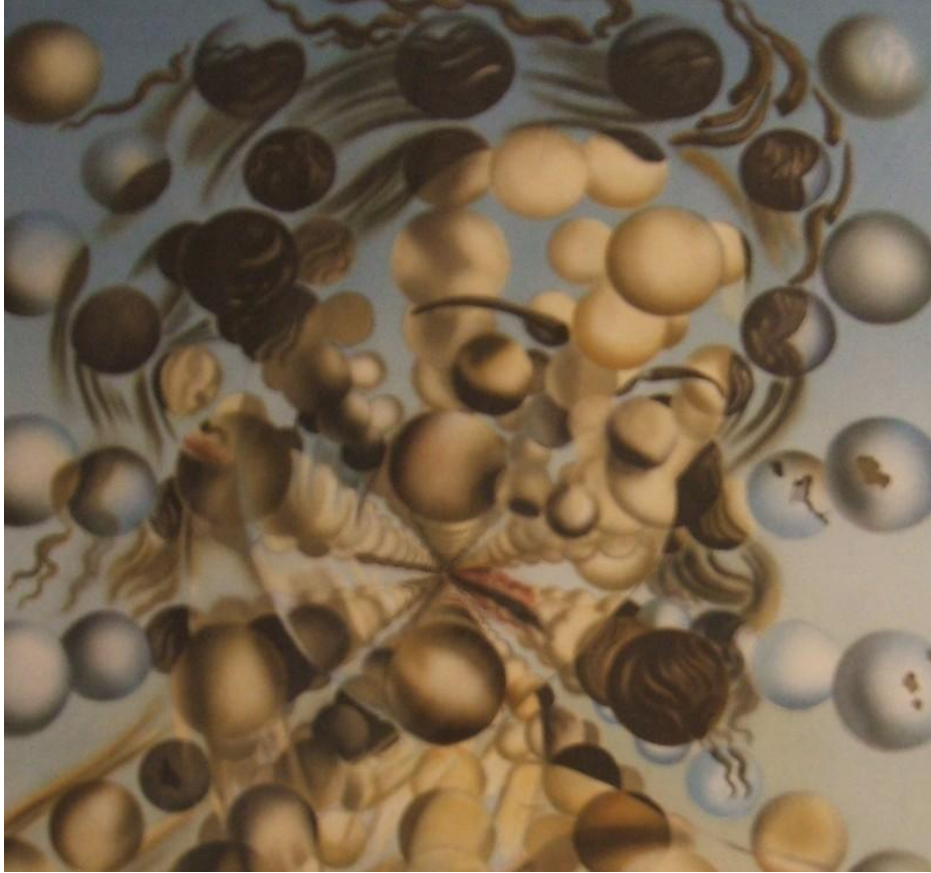
Lokalizasyon	Parotis	İntraoral (damak)
Küçük büyütme ile görünüm	İnfiltratif patern gösteren, bazofilik boyanan tümör	Memenin invaziv lobüler karsinomunu andıran, yetersiz boyanmış izlenimi veren infiltratif tümör
Yapısal ve sitolojik ve heterojenite	-	+
Paternler	Solid, trabeküler, tubüler, membranöz	Lobüler, papiller, papiller-kistik, kribriform, mikrokistik
Bazaloid hücre popülasyonu	+	
Bcl-2 ekspresyonu	-	+
Galectin-3 ekspresyonu	-	+

BHAK: Bazal hücreli adenokarsinom, **PDGA:** Polimorfik düşük gradeli adenokarsinom



BHAK – Metastatik Tümör Ayırıcı Tanısı

- Primer ve metastatik küçük hücreli karsinom
- Merkel hücreli karsinom
- Medüller tiroid karsinomu
- Lösemi/Lenfoma
- Derinin bazal hücreli karsinomu
- Çocukluk çağının küçük mavi yuvarlak hücreli tümörleri
 - Ewing sarkomu/PNET, rabdomyosarkom



Salvador Dali (1904-1989)

Teşekkürler...