

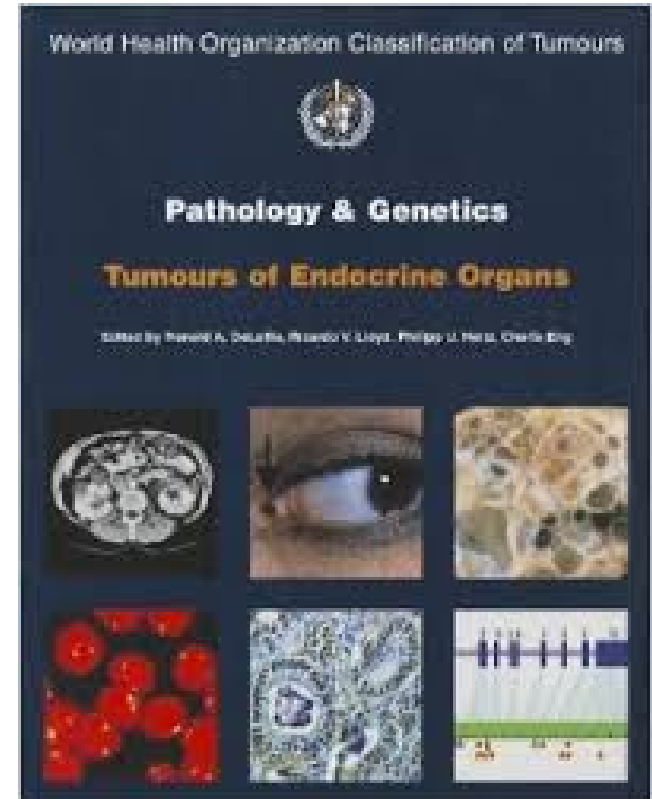
ENDOKRİN PATOLOJİ SLAYT SEMİNERİ

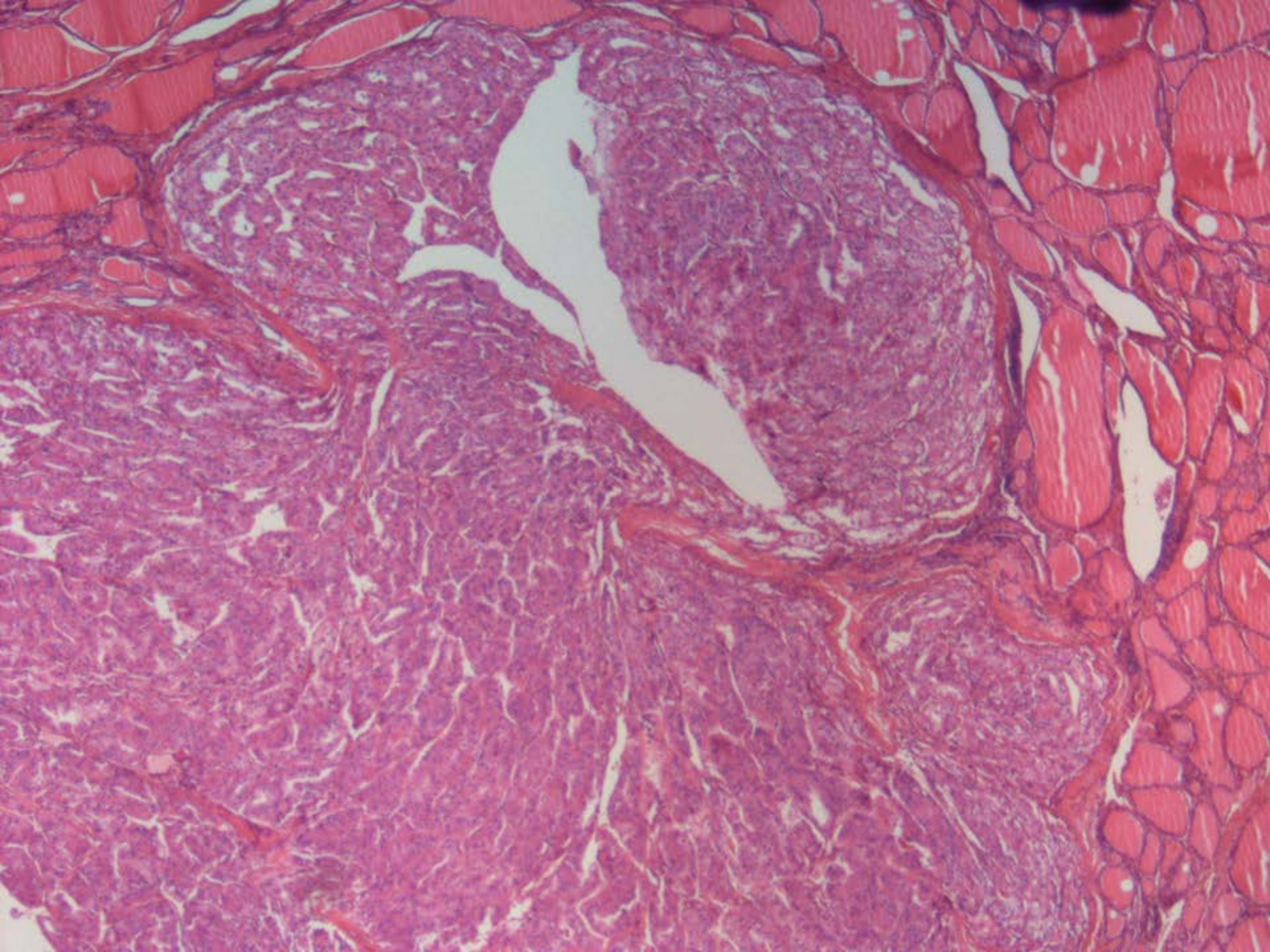
Dr. Yeşim ERTAN
EGE ÜTF Patoloji AD

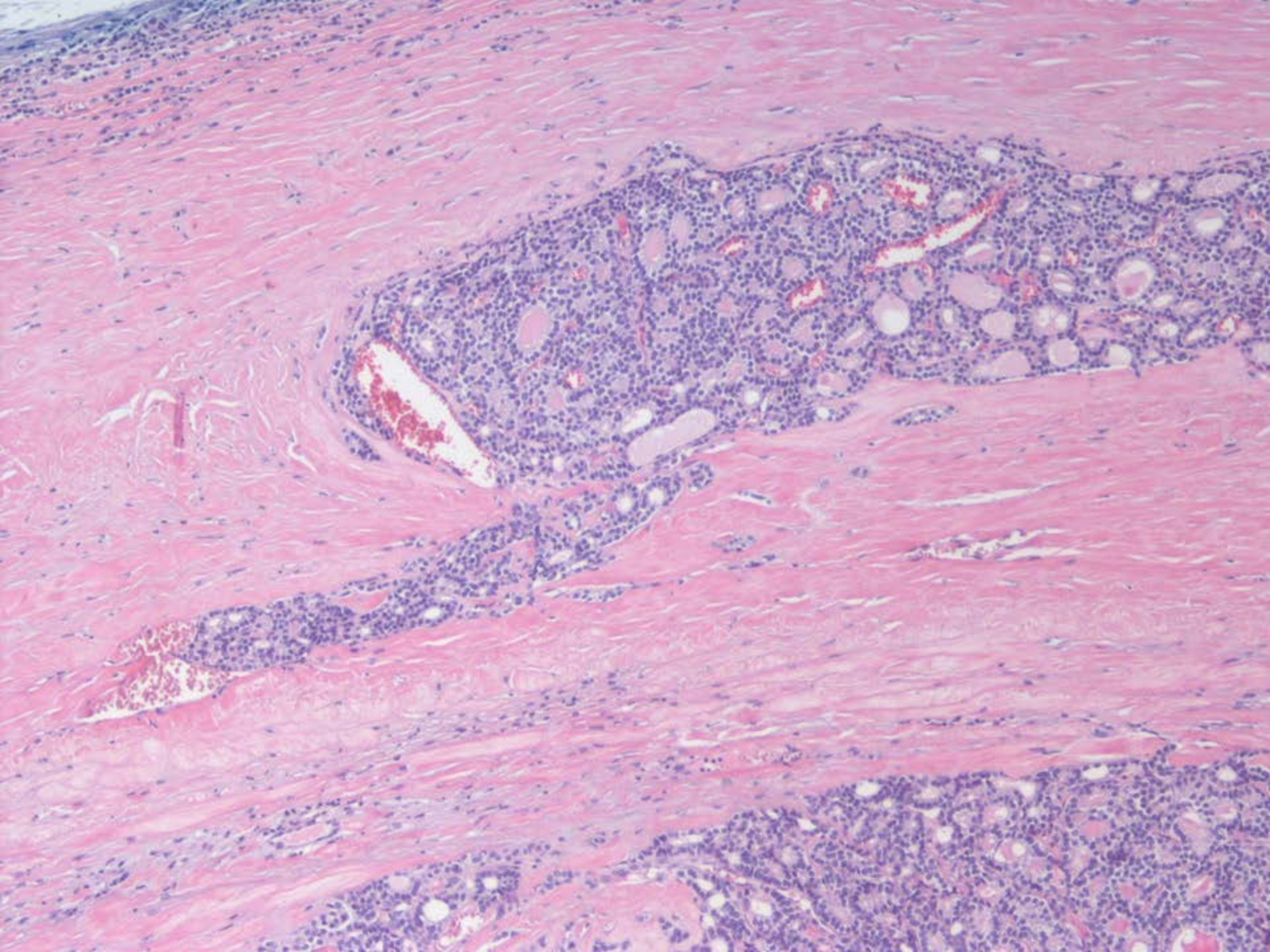
25.Ulusal Patoloji ve 6.Sitopatoloji Kongresi 14-17 Ekim, Bursa

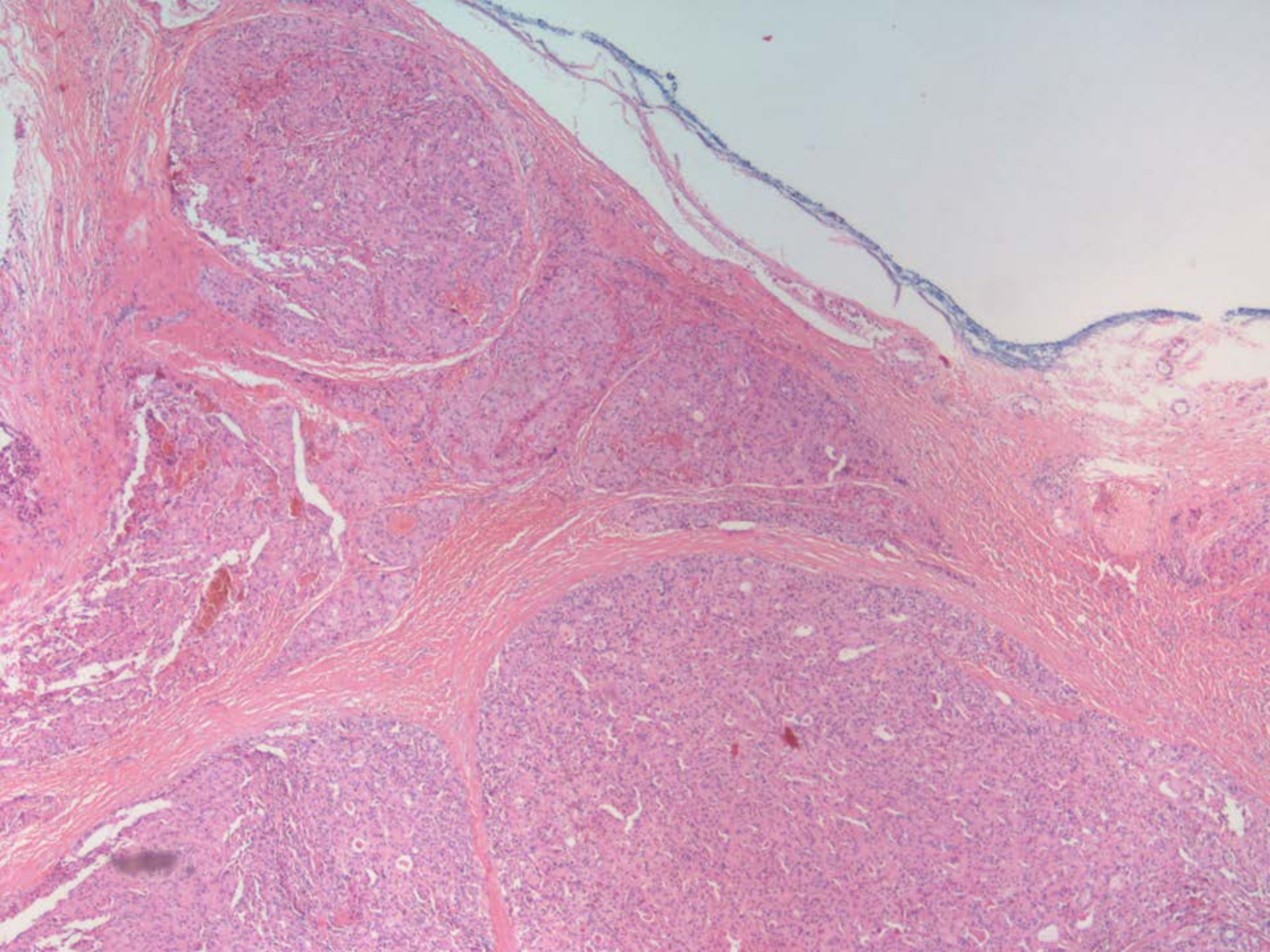
FOLLİKÜLER KARSİNOM

- Minimal invaziv
 - Anjioinvaziv
- Yaygın invaziv









OLGU

69 yaşında, kadın hasta

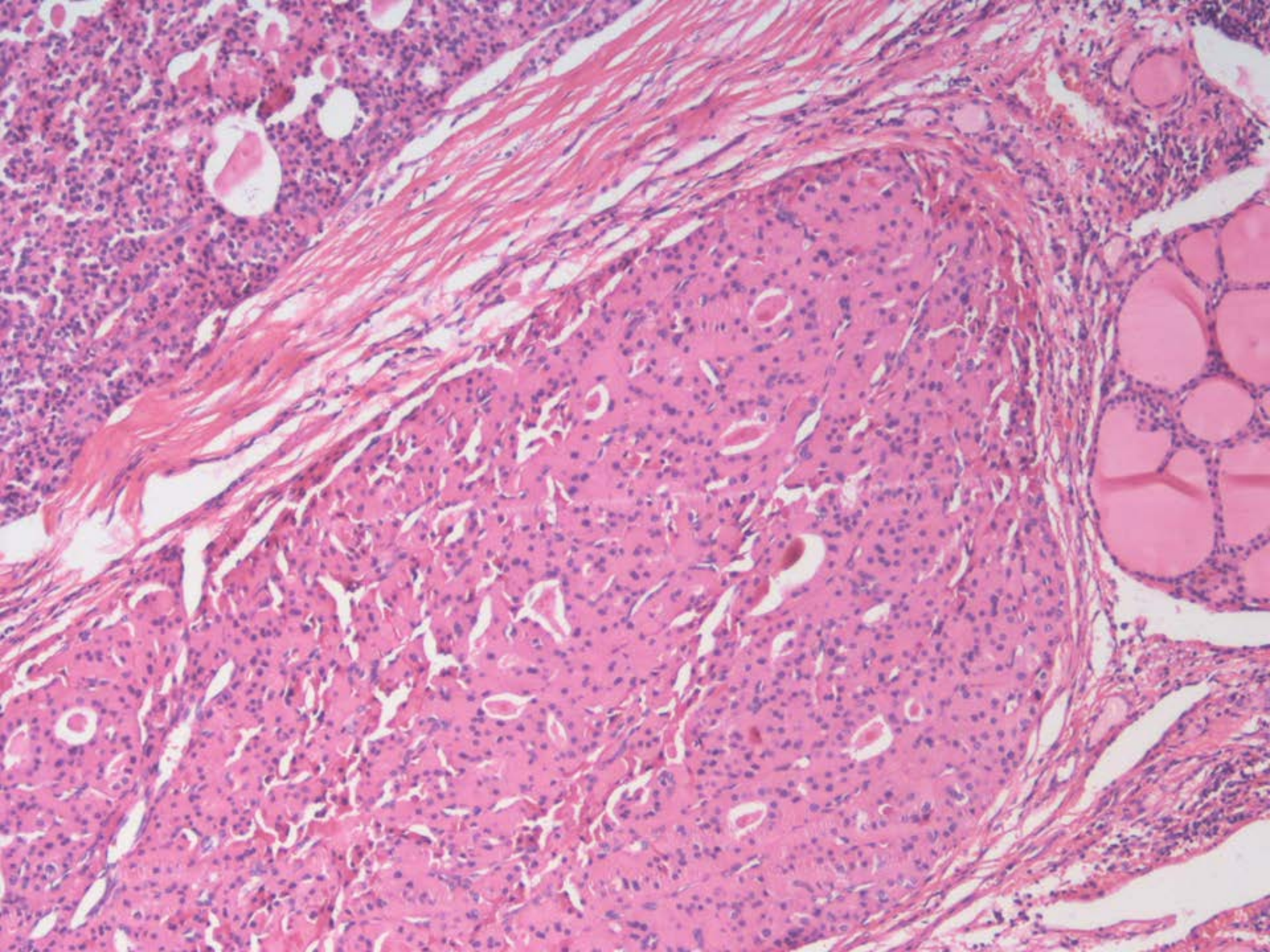
4 ay önce başlayan boyunda şişlik, nefes darlığı ve yutma güçlüğü

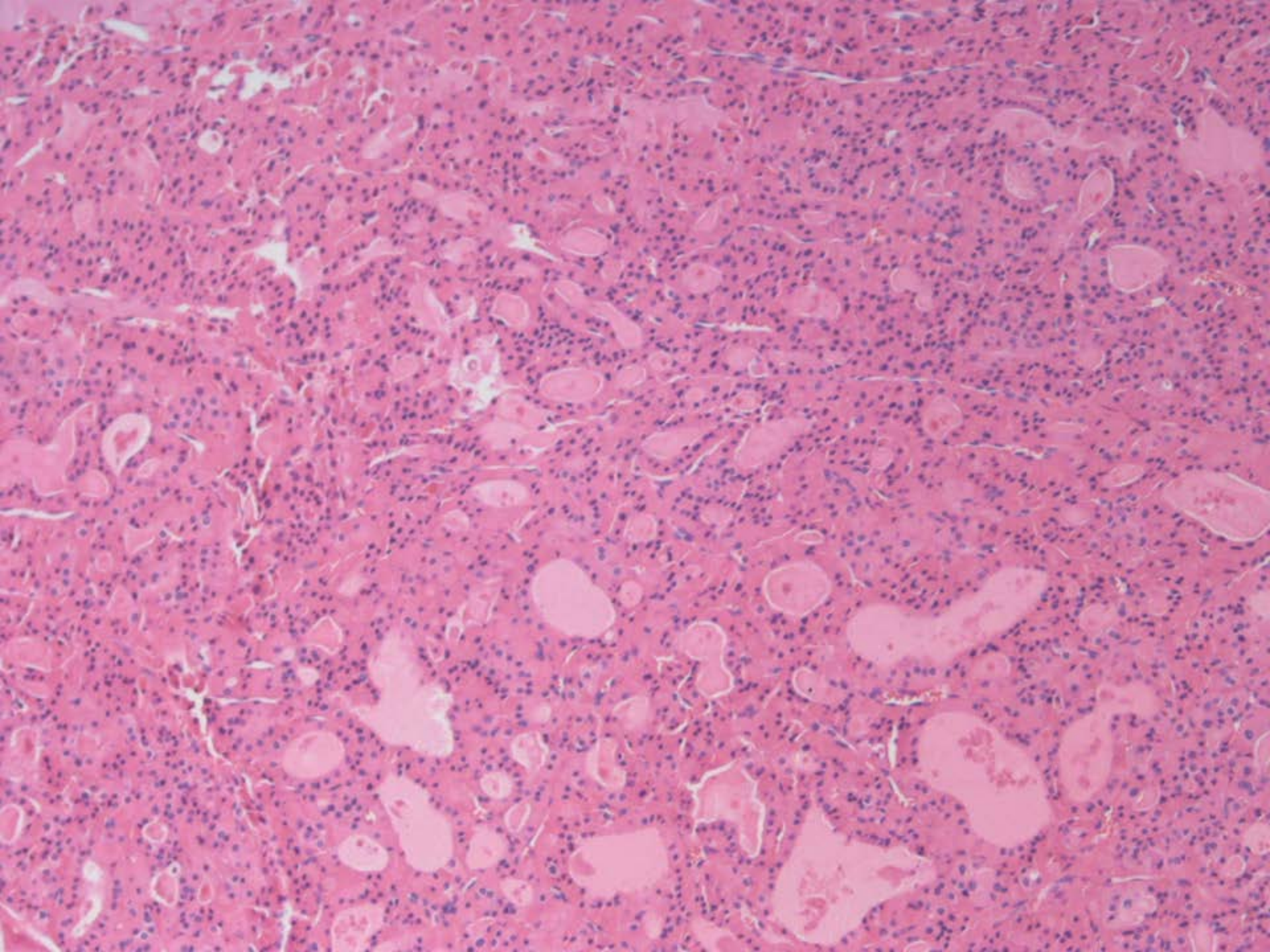
Tiroid sağ lobunda 5-6cm çapta soliter kitle

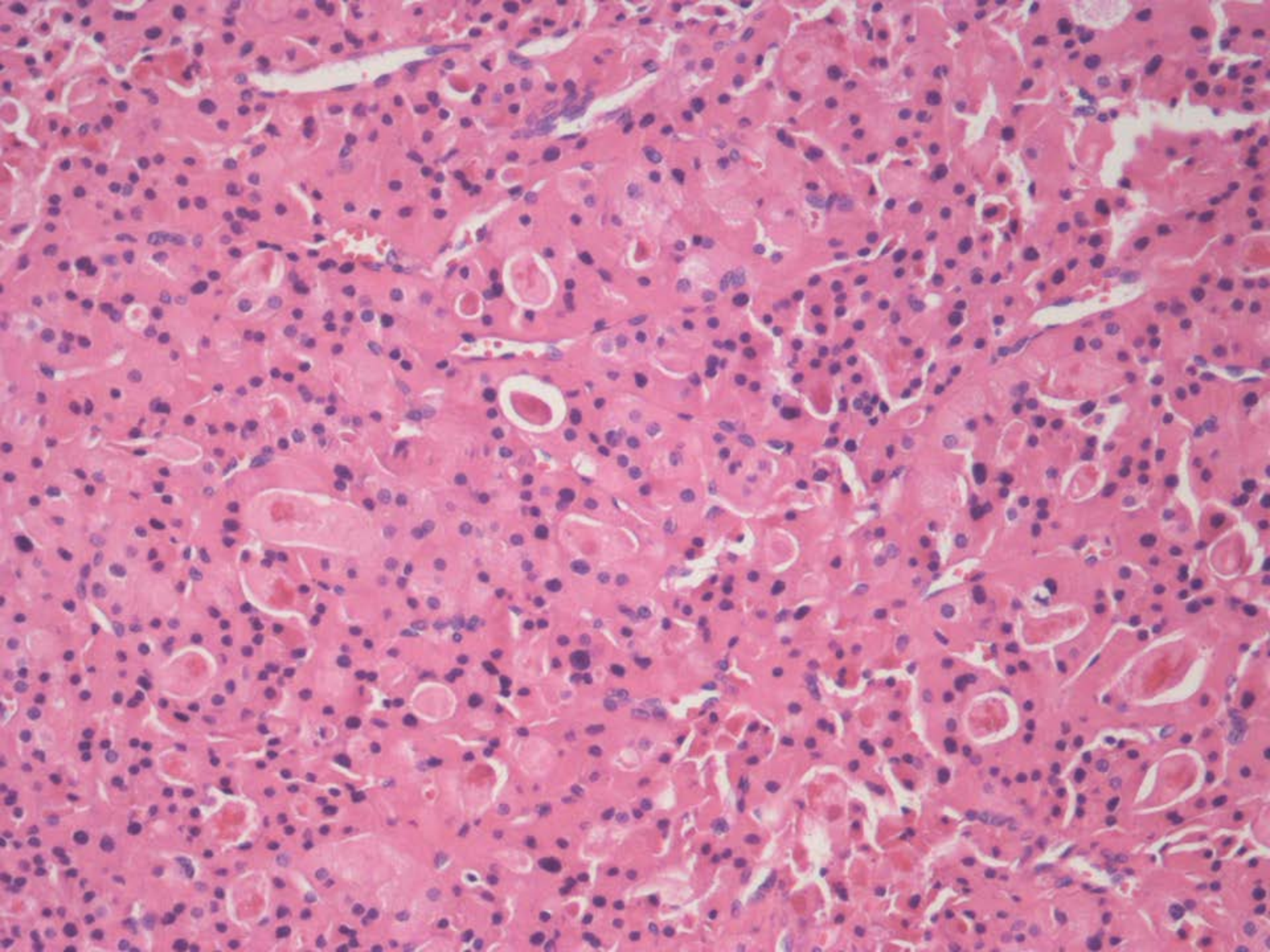
USG → 62x60x37 mm heterojen kanlanması olan nodül

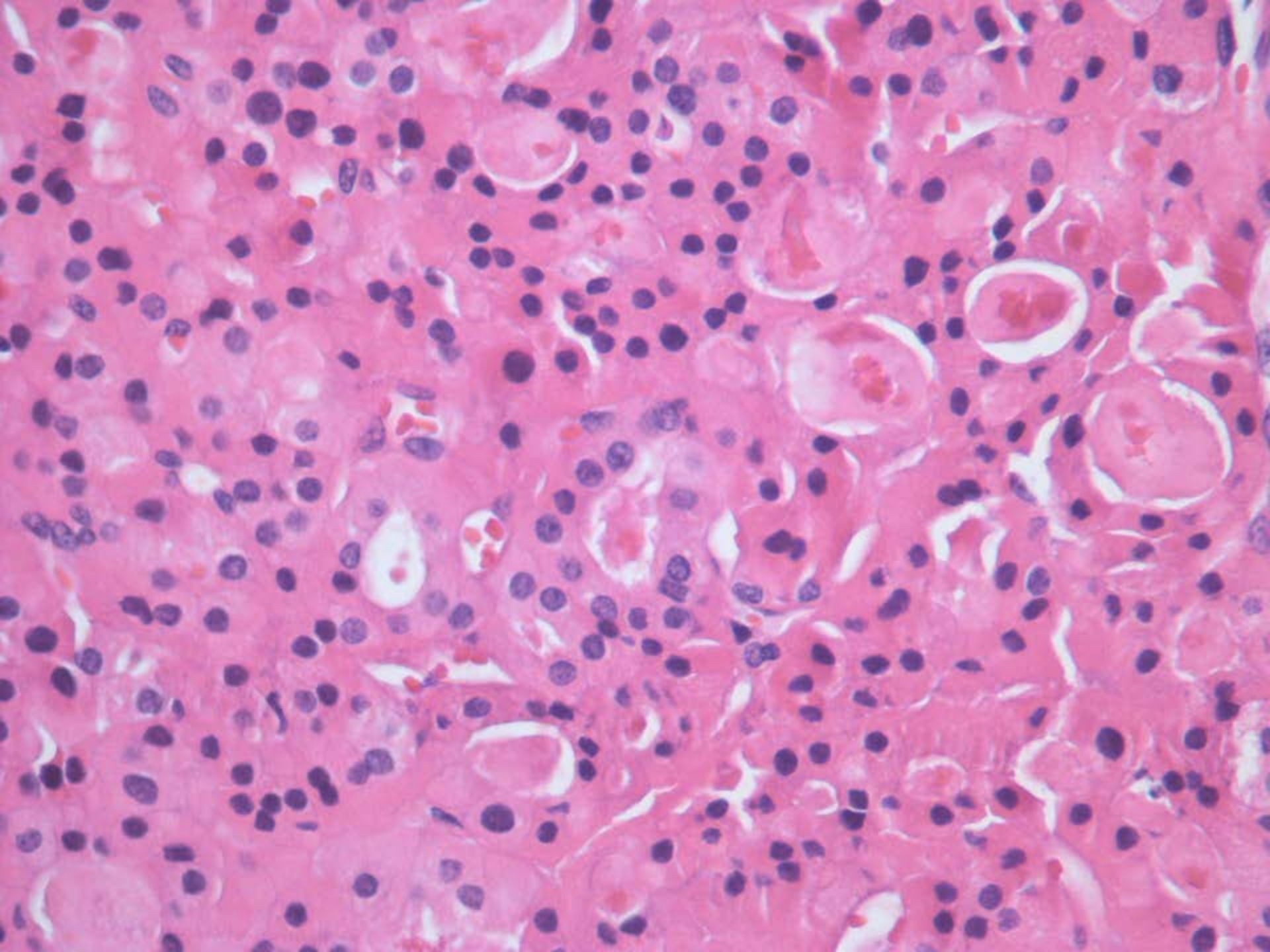
Total tiroidektomi uygulanıyor

Sağ lobda 6.5 cm çapta, bazı alanlarda kapsül yapısının seçildiği, infiltratif, krem kahverengi nodül





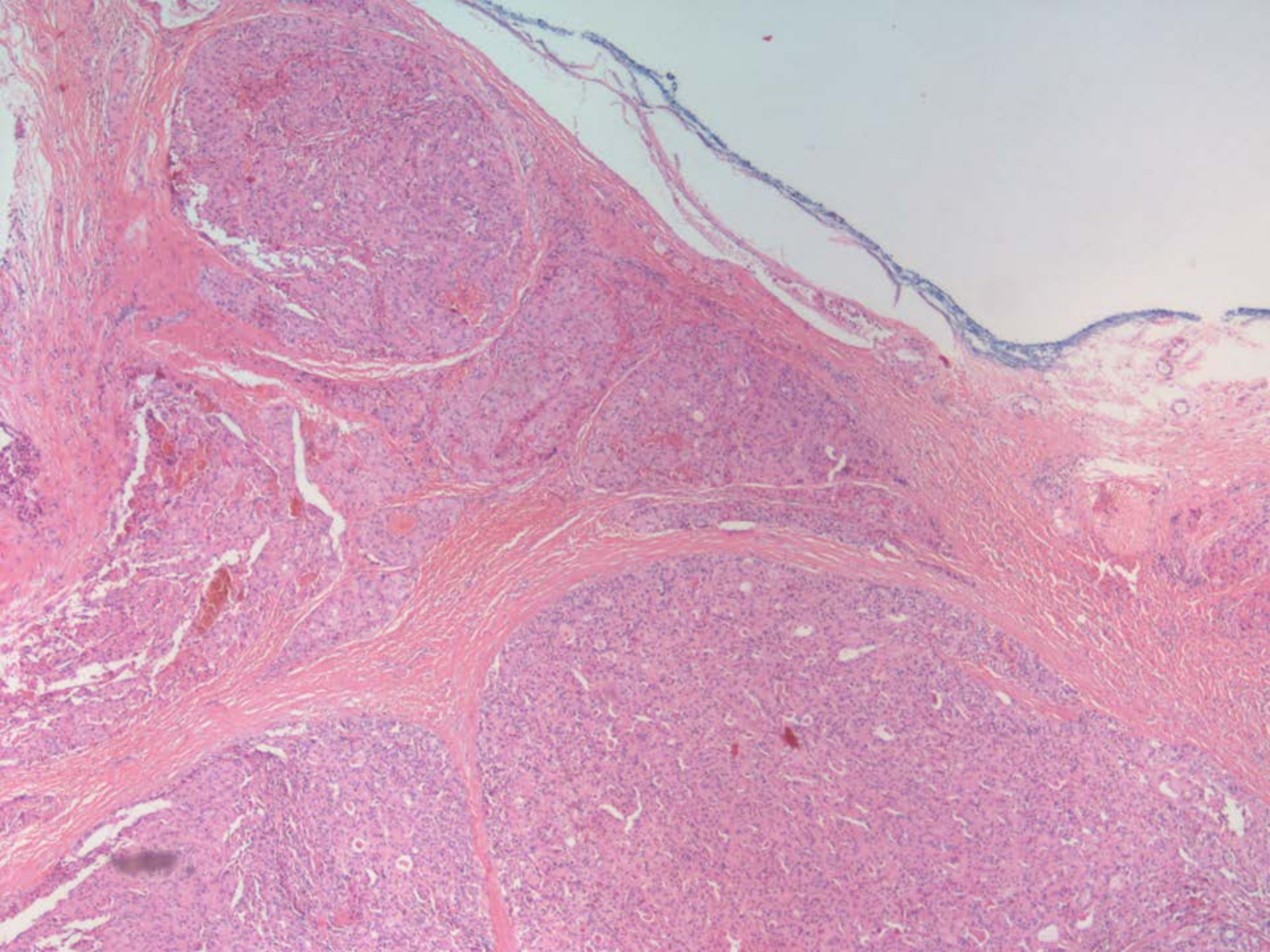


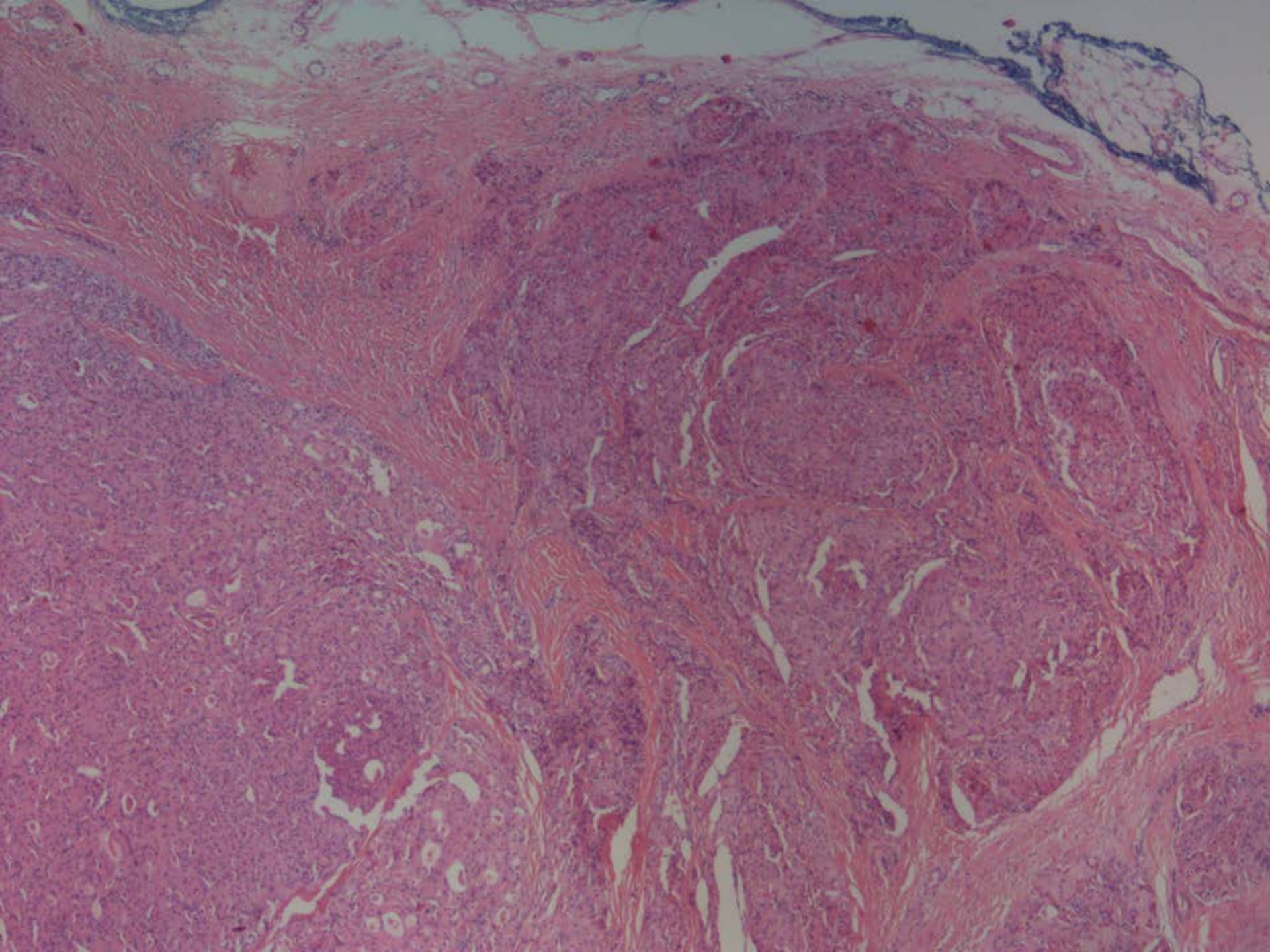


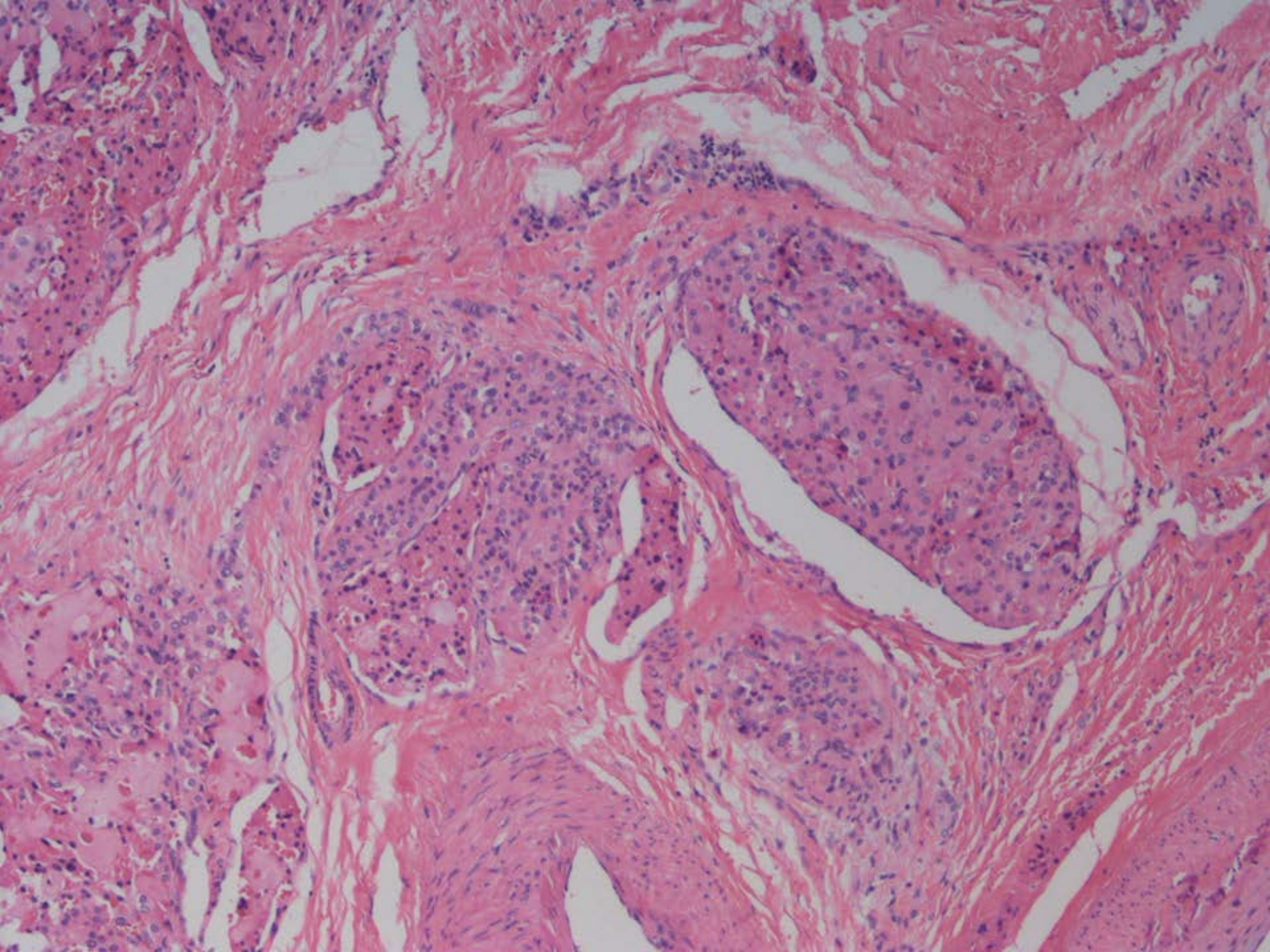
Foliküler karsinom  **KÜÇÜK-ORTA FOLLİKÜL YAPILARI**

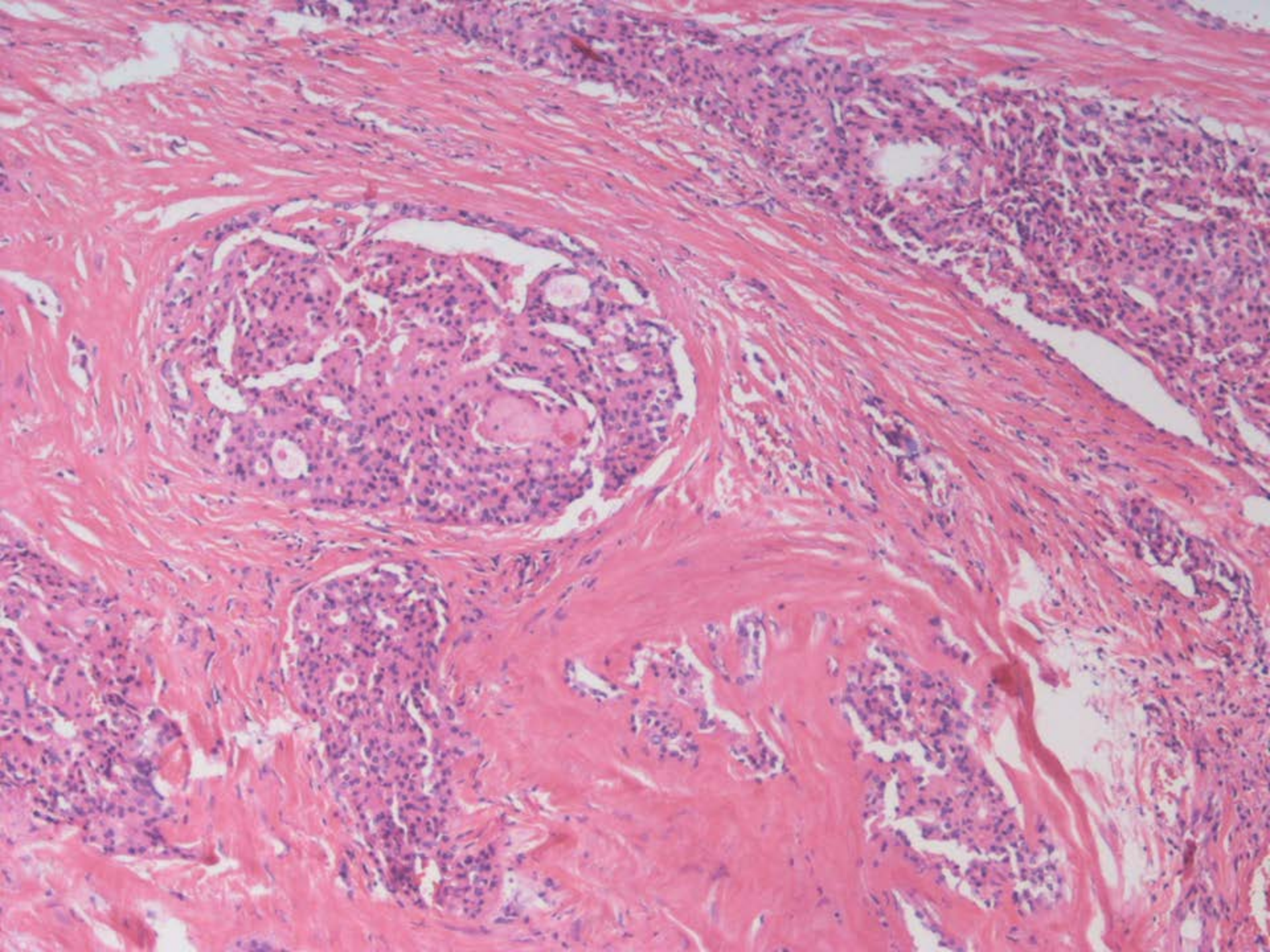
Yaygın invaziv folliküler karsinom  **SOLID TRABEKÜLER PATERN**

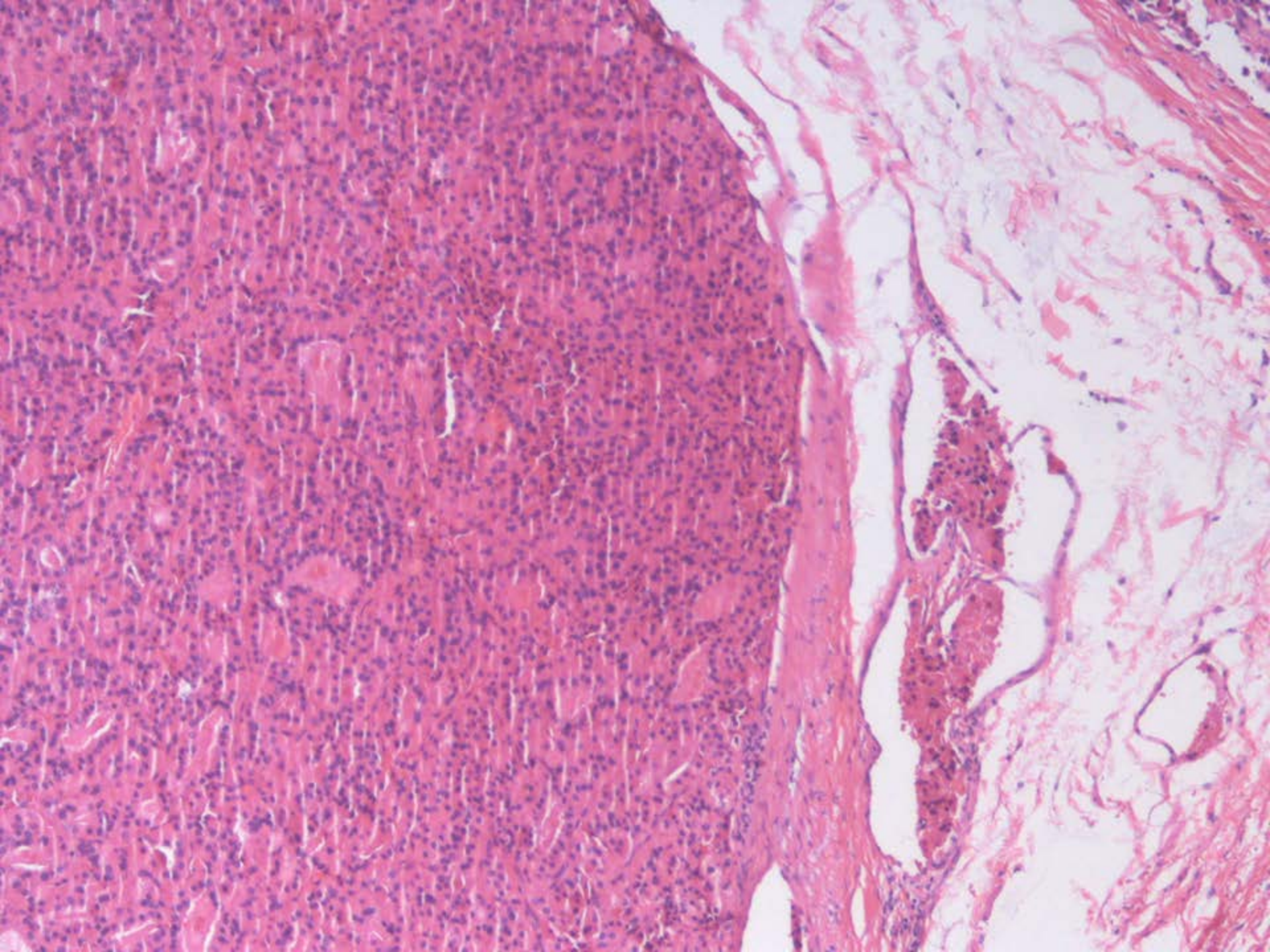
Kapsül veya damar invazyonu olsa bile makrofolliküler paternli tümörde PK MAKROFOLLİKÜLER VARYANT açısından nükleer özelliklere dikkat edilmeli



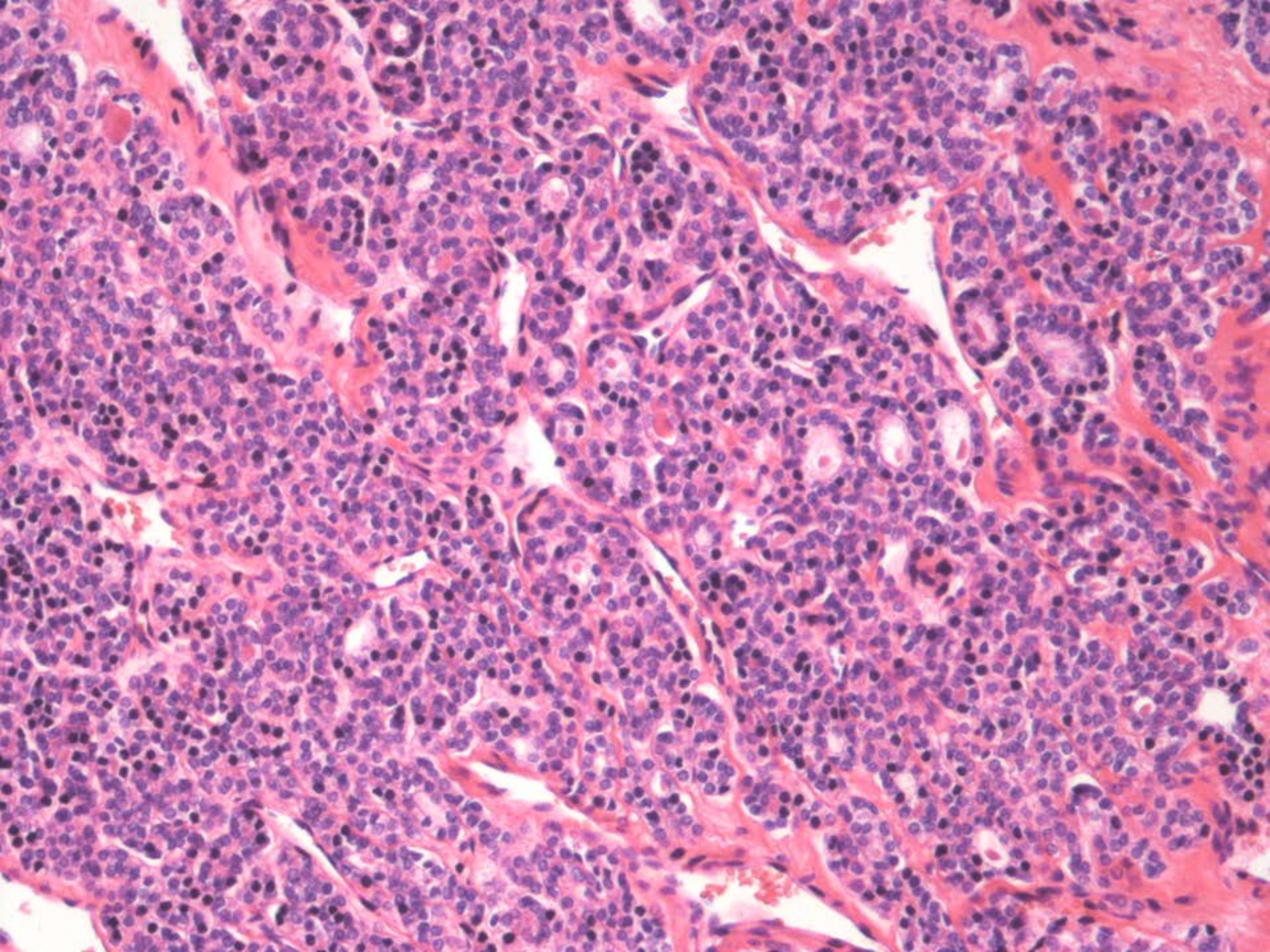


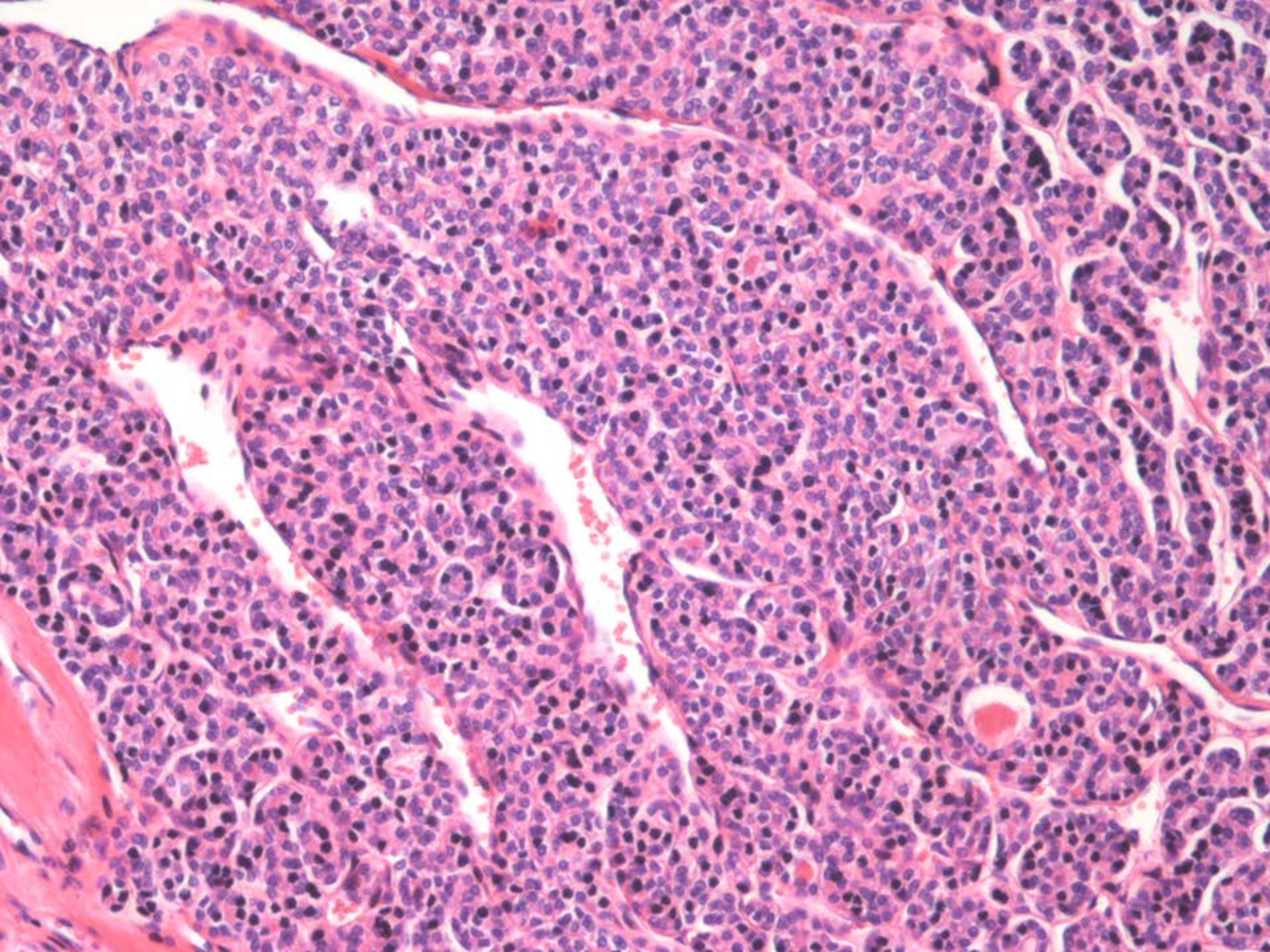


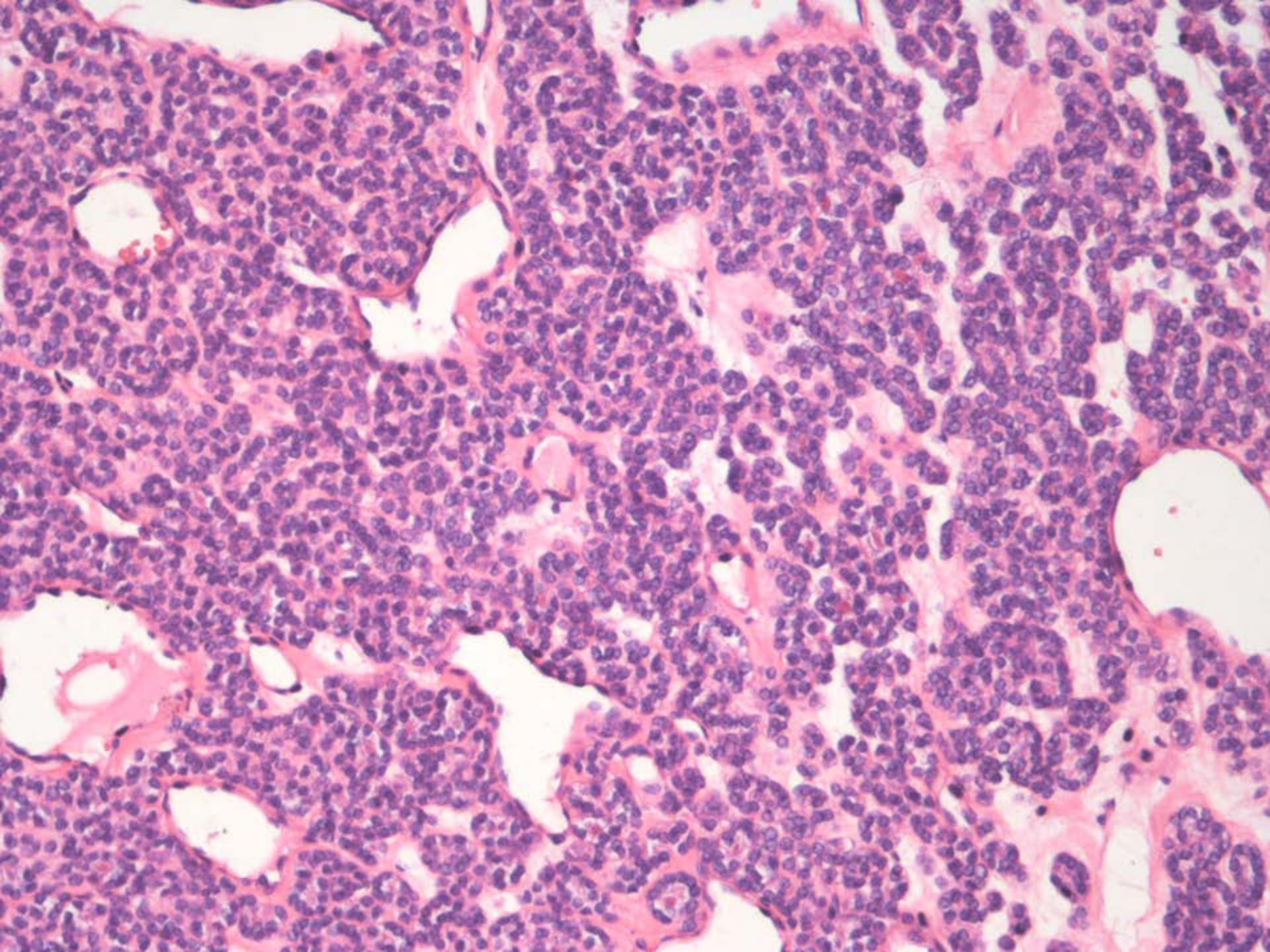


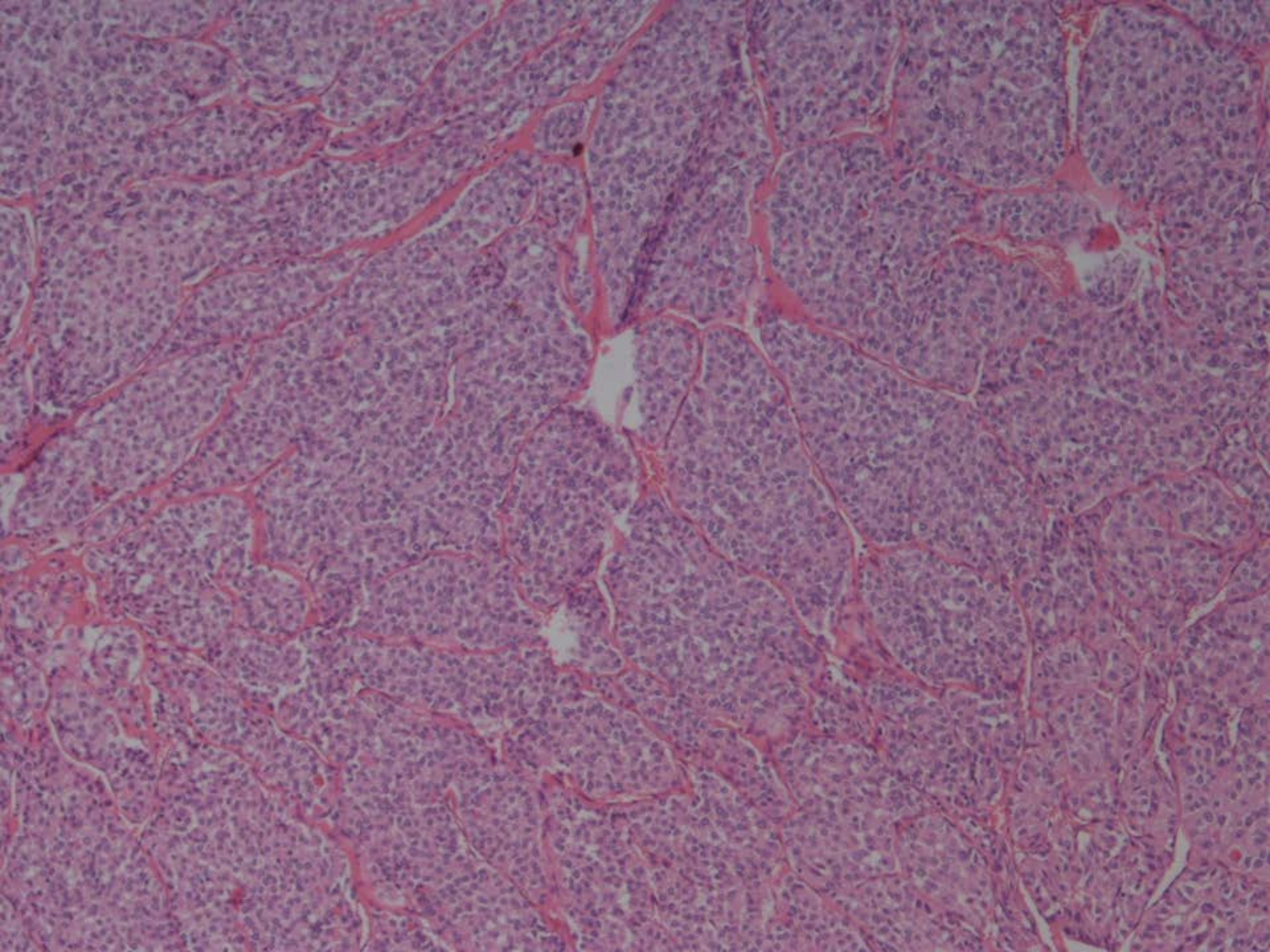


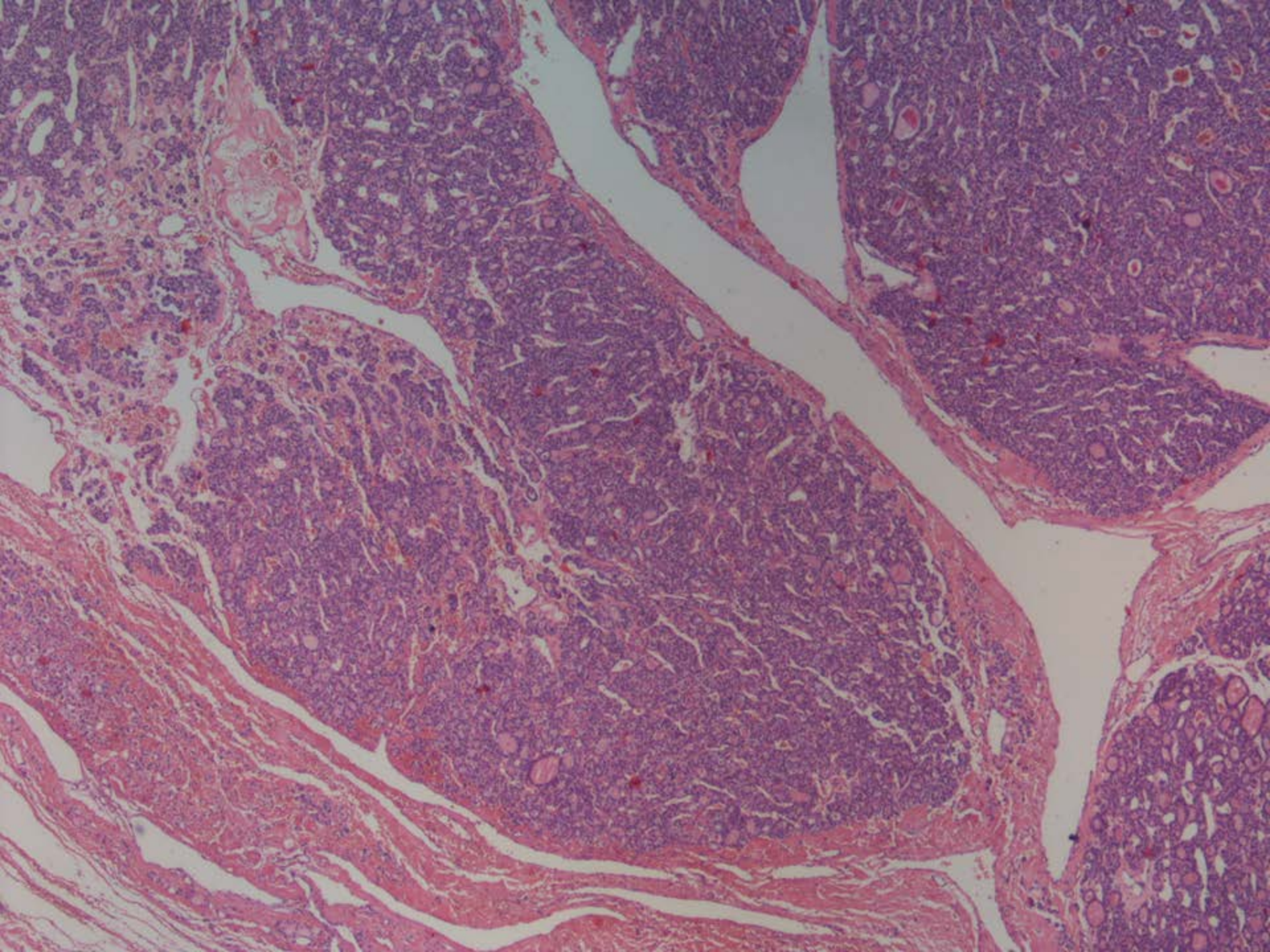
YAYGIN İNVAZİV FOLLİKÜLER KARSİNOM





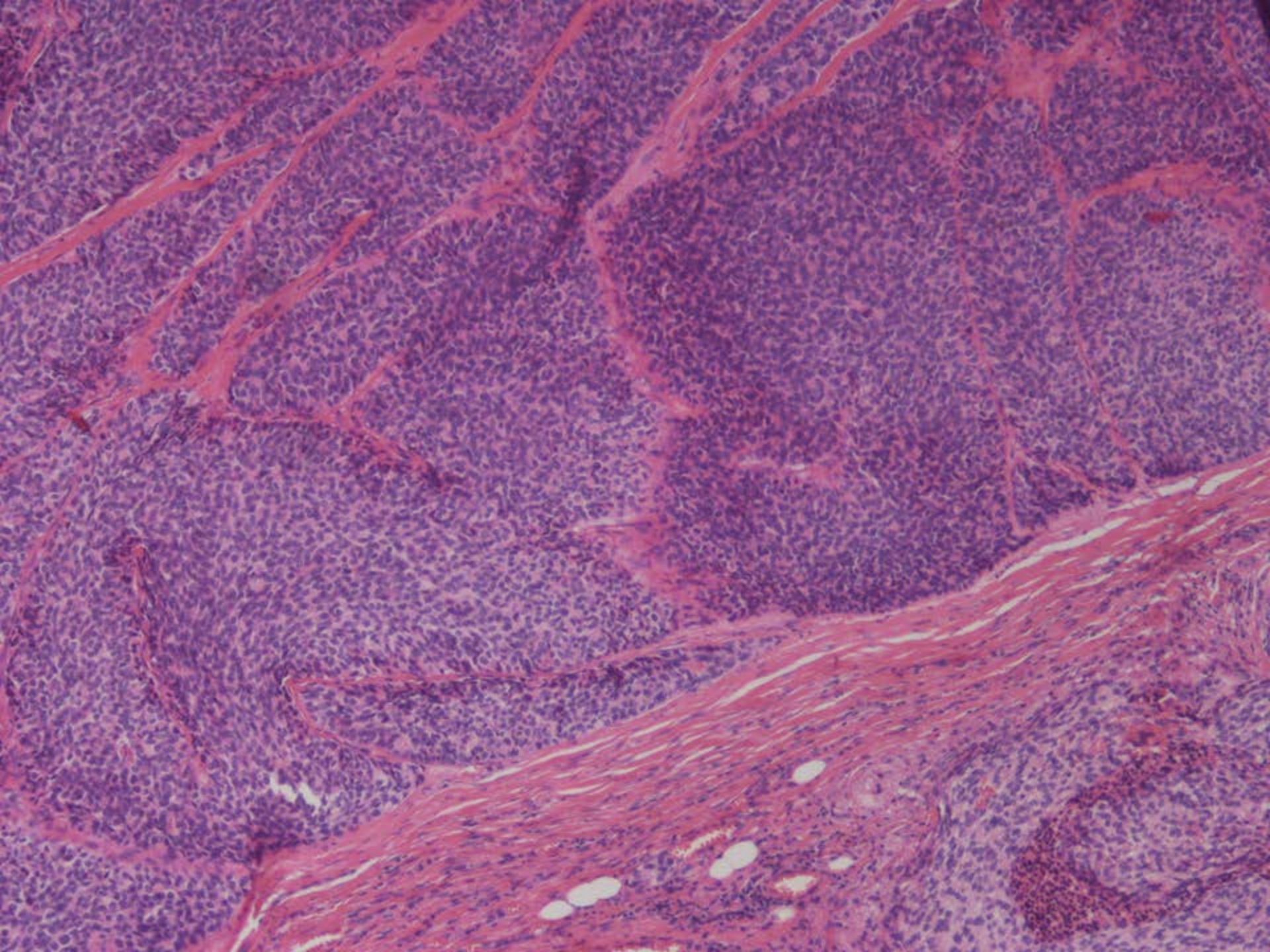


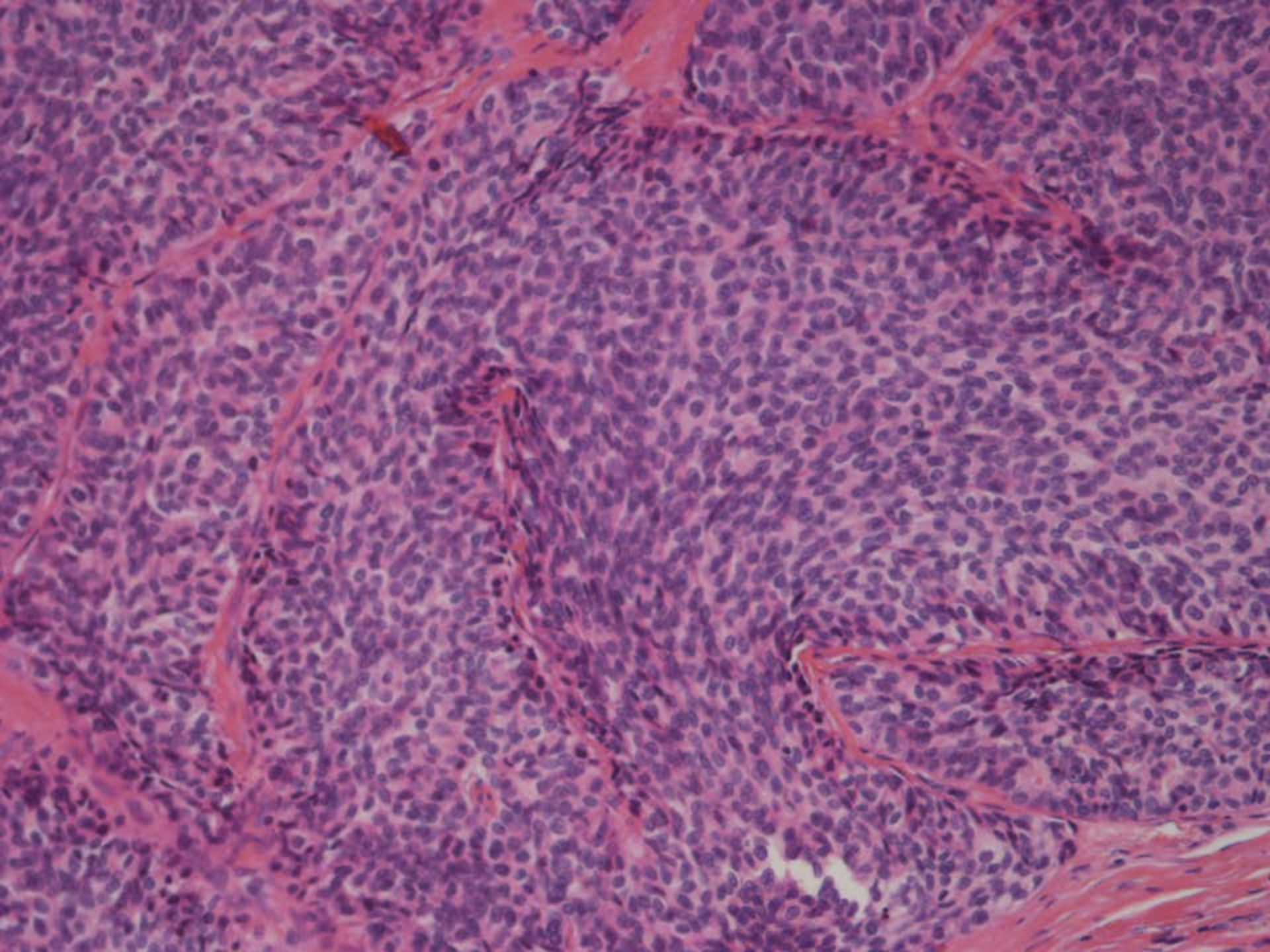


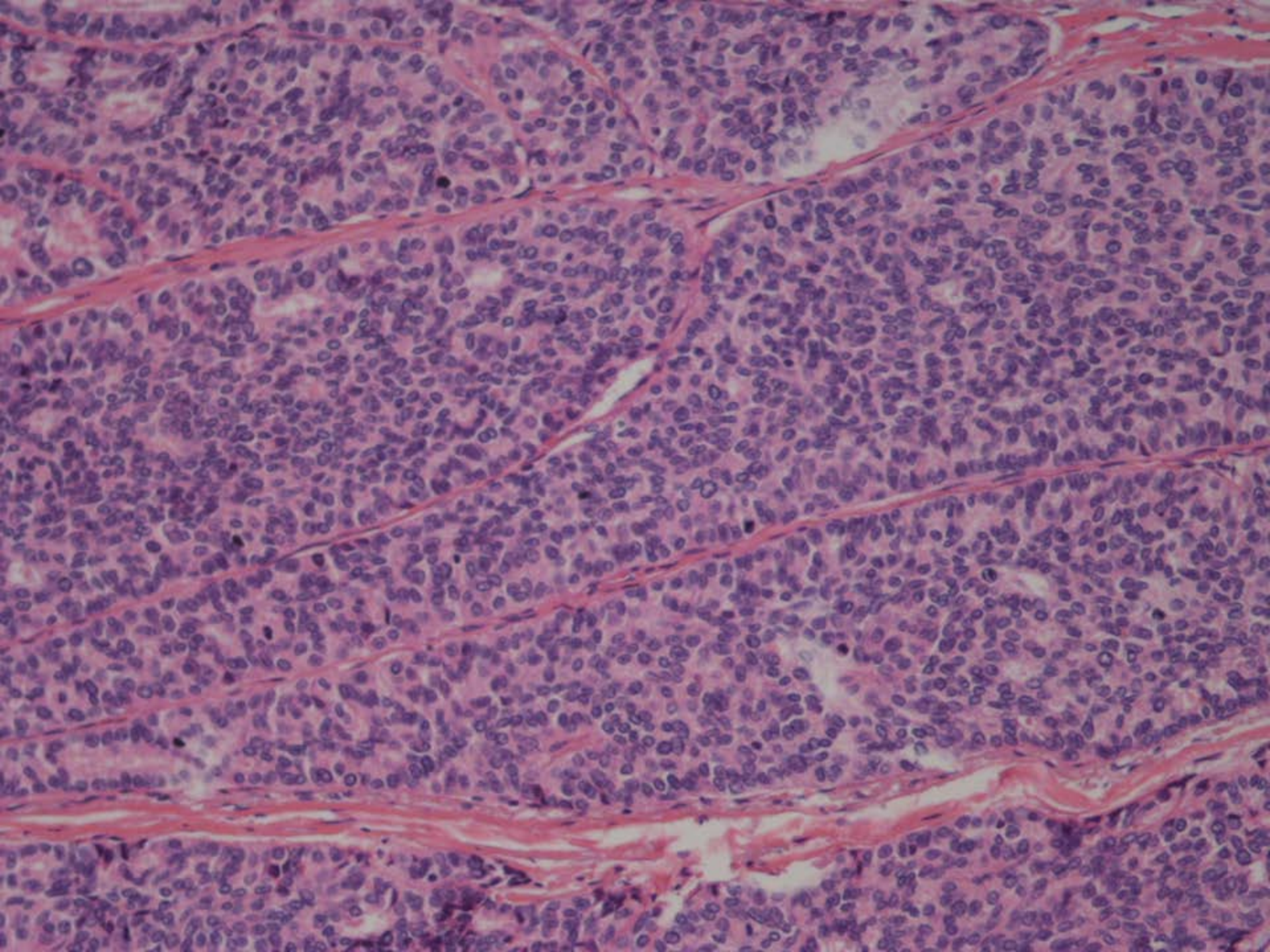


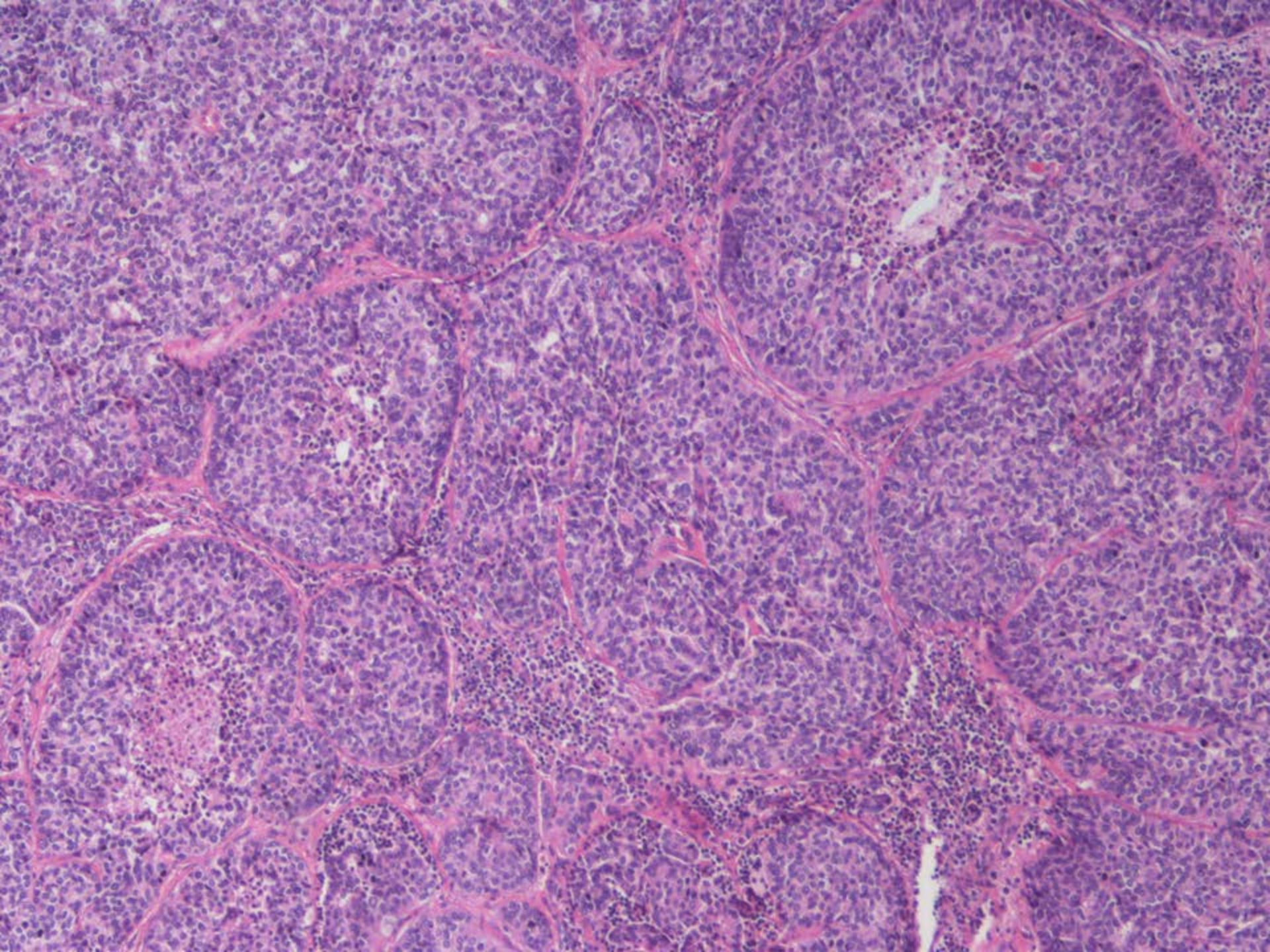
Yaygın invaziv foliküler karsinom??

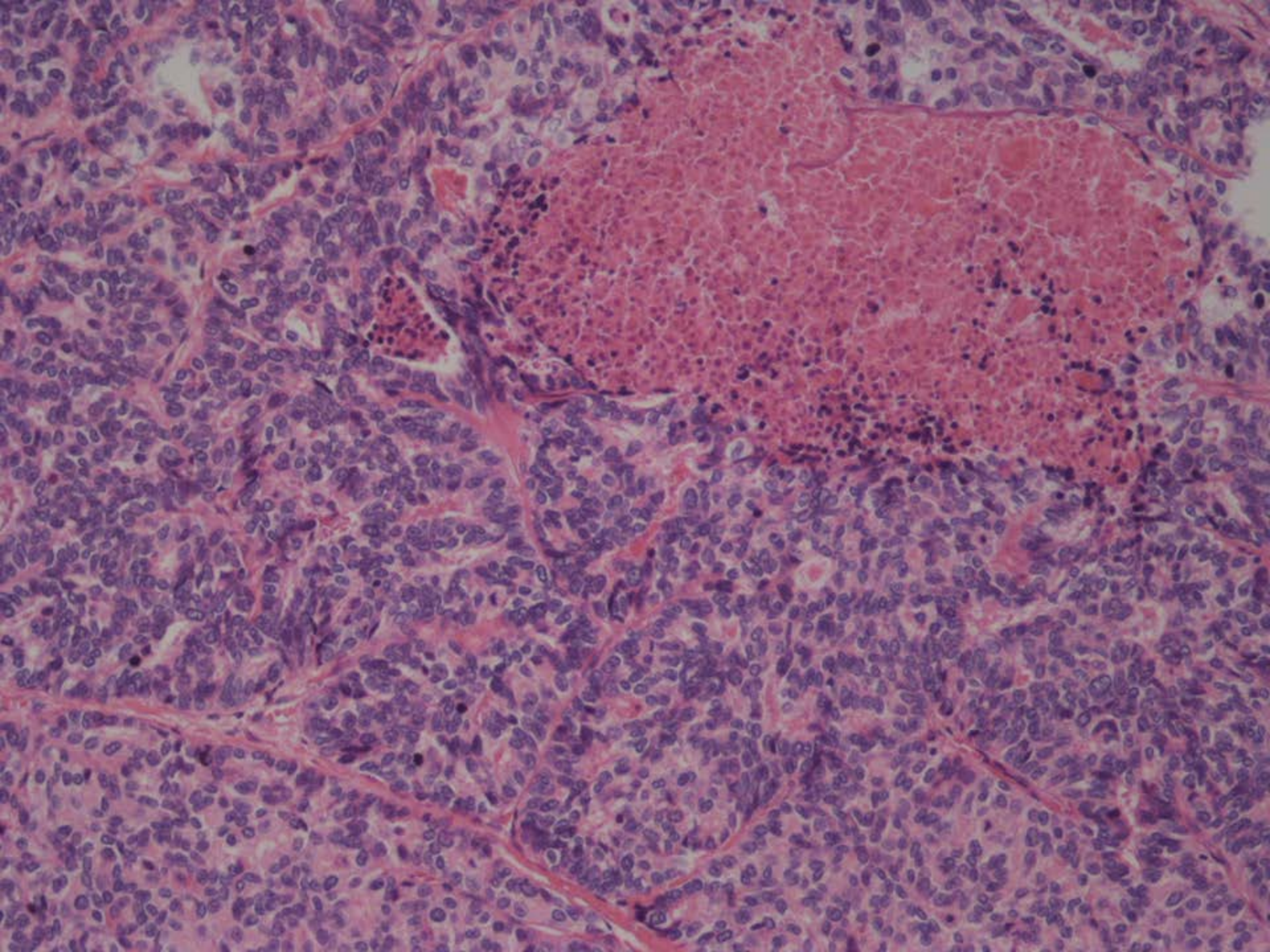
Az diferansiye tiroid karsinomu??

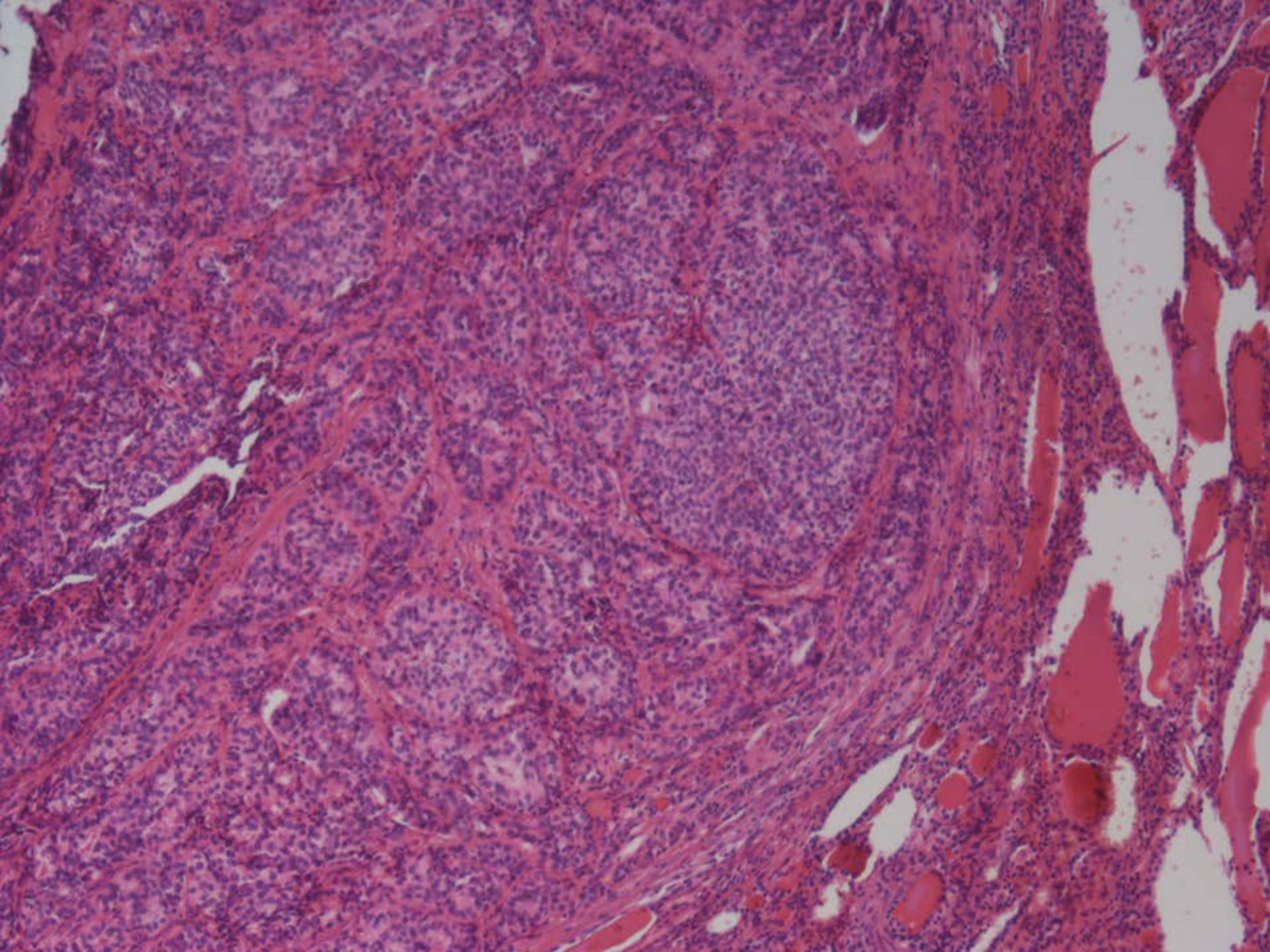


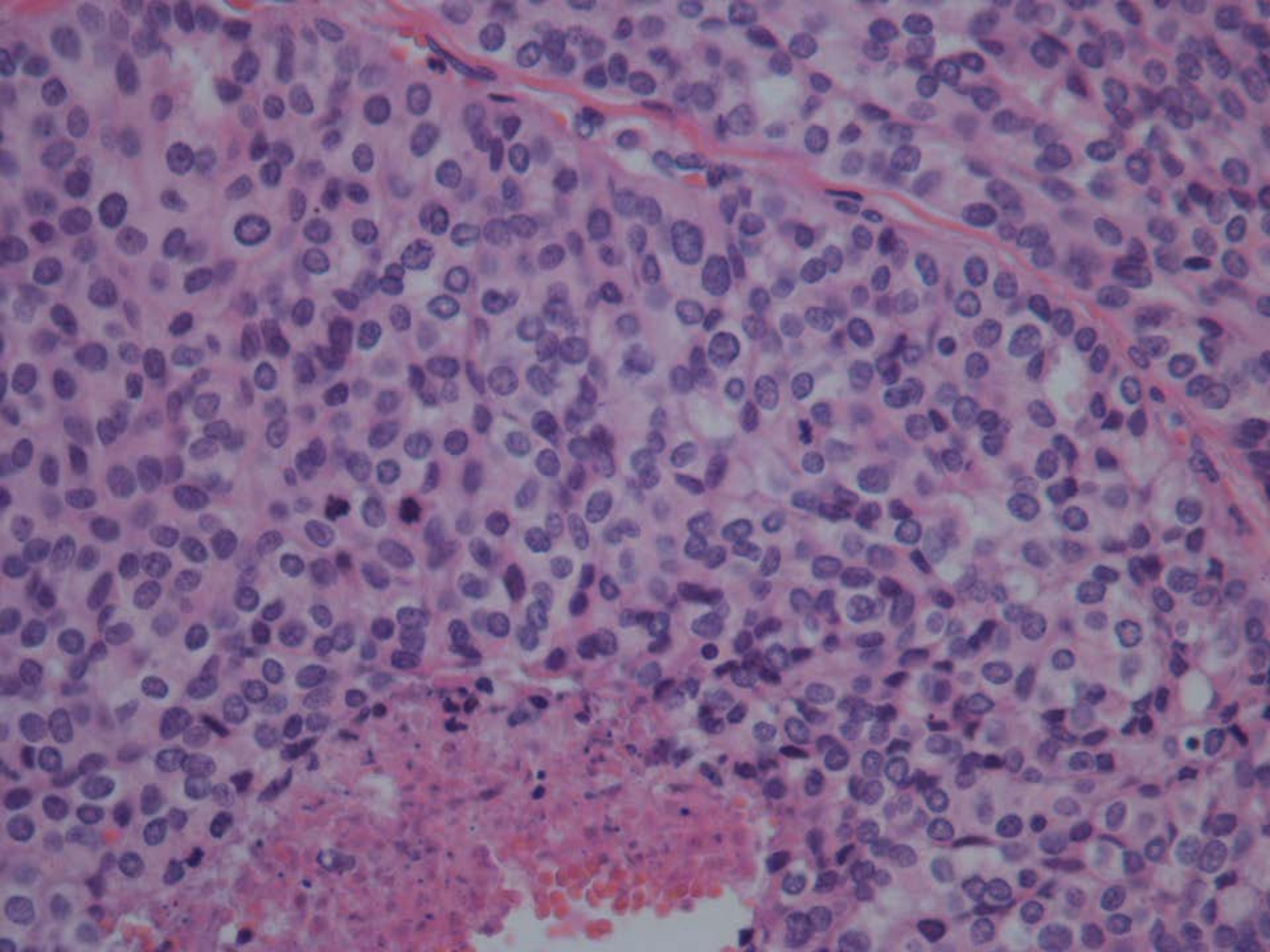


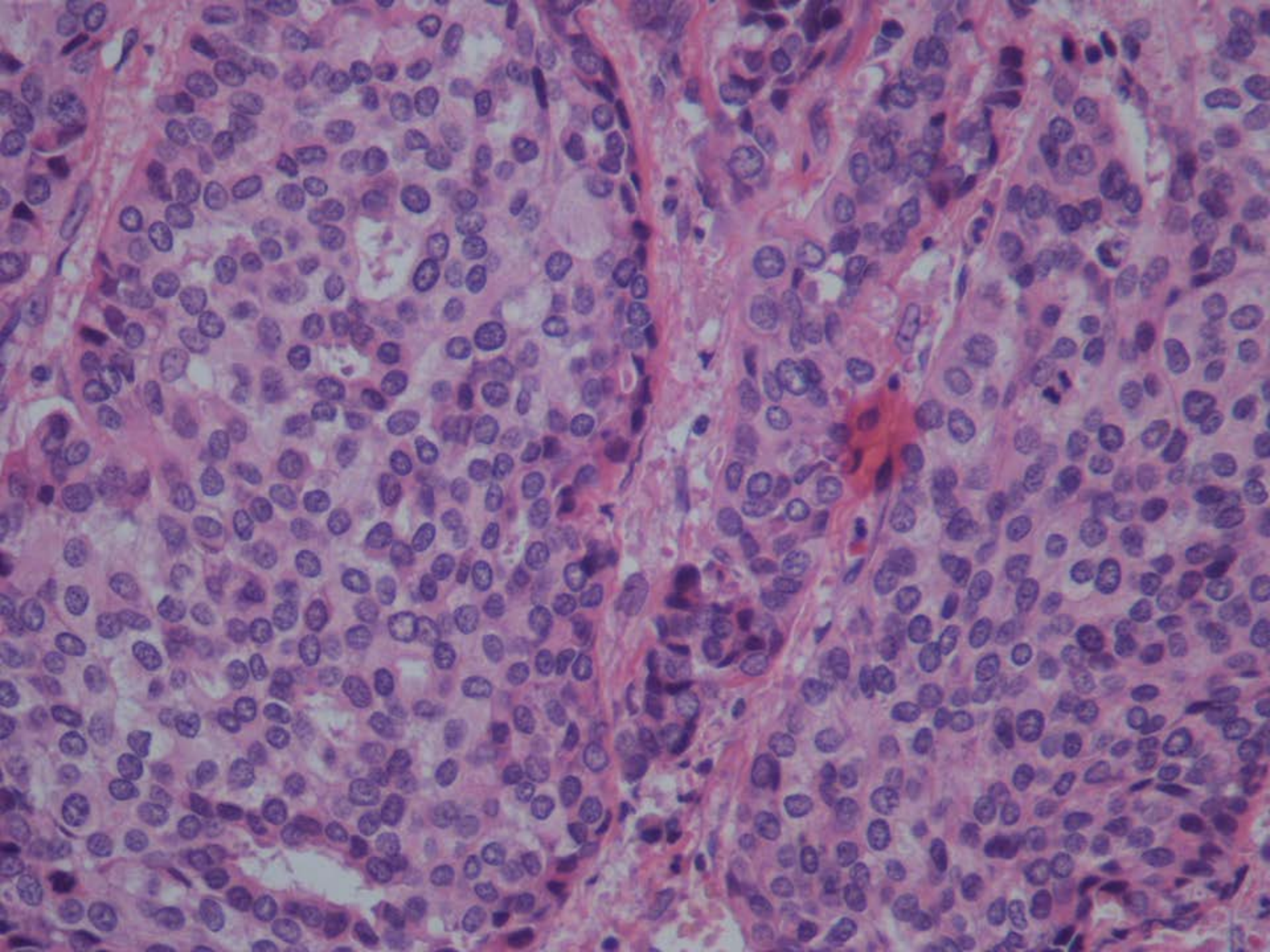


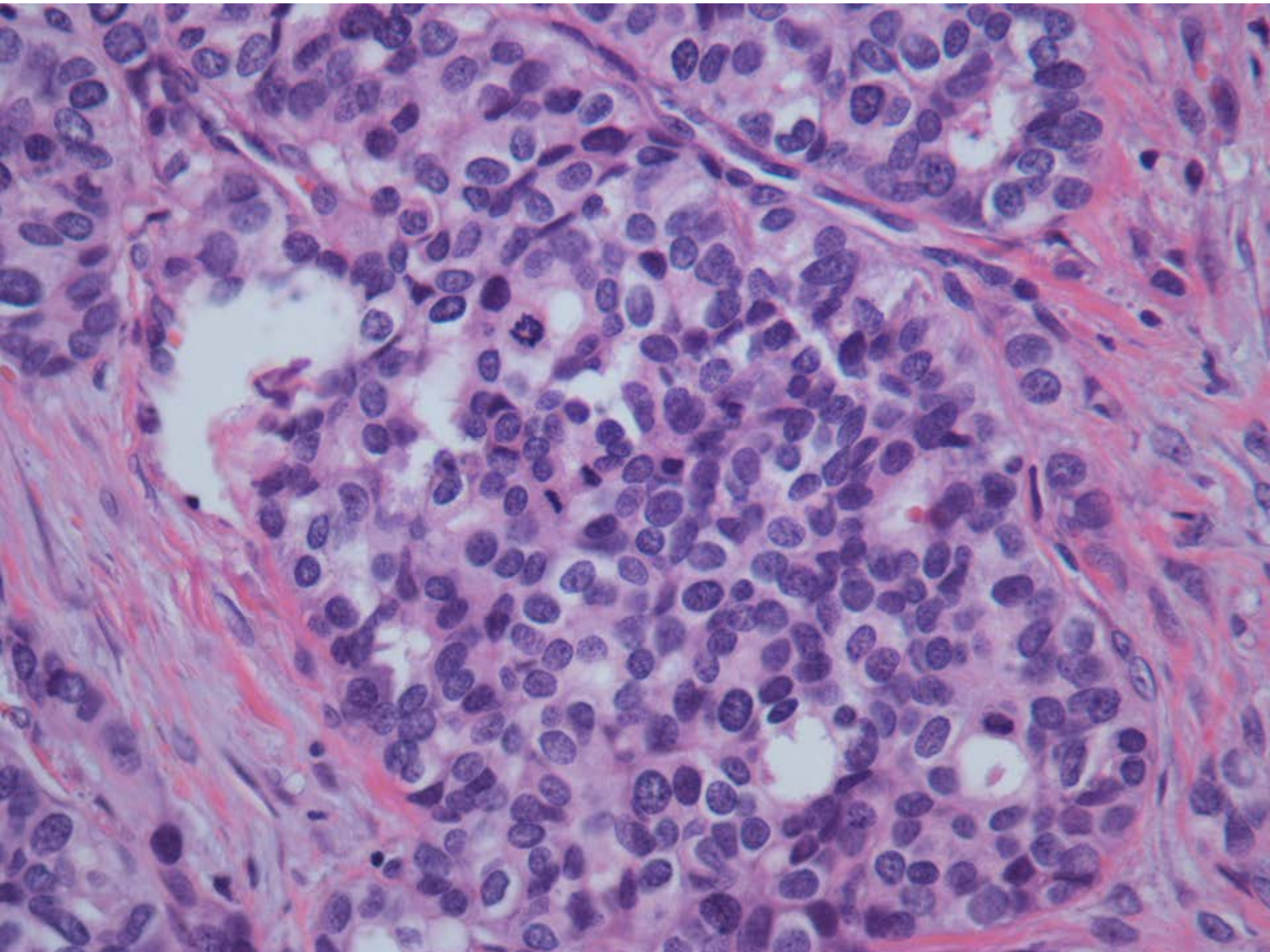












Az diferansiye tiroid karsinomu

- Solid/trabeküler/insüler patern
- PTK nükleer özellikleri (-)
- 3 özelliğten birinin varlığı
 - ‘Convolutated’ hücreler
 - Nekroz
 - Mitoz (10 BBA’nda ≥ 3)

Poorly Differentiated Thyroid Carcinoma: The Turin Proposal for the Use of Uniform Diagnostic Criteria and an Algorithmic Diagnostic Approach

Marco Volante, MD,* Paola Collini, MD,† Yuri E. Nikiforov, MD, PhD,‡
 Atsuhiko Sakamoto, MD,§ Kennichi Kakudo, MD, PhD,|| Ryohei Katoh, MD,¶
 Ricardo V. Lloyd, MD, # Virginia A. Livolsi, MD,** Mauro Pasotti, MD,*

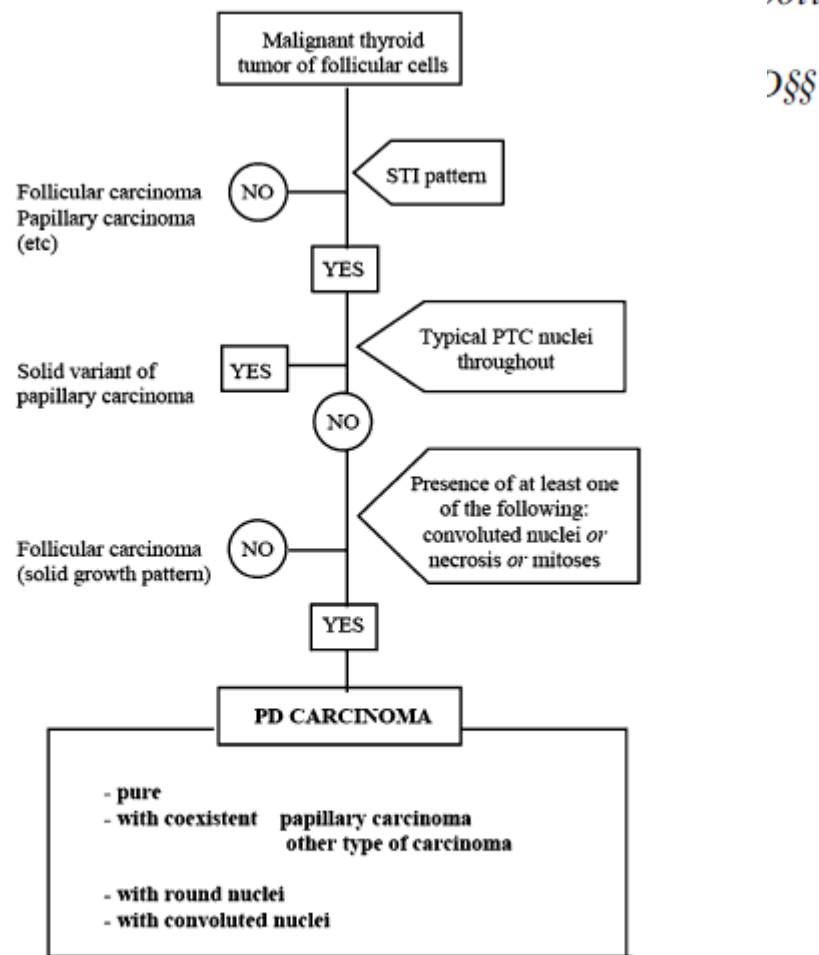


FIGURE 1. Diagnostic criteria for poorly differentiated thyroid carcinomas.



Poorly Differentiated and Undifferentiated Thyroid Carcinomas

Catarina ELOY^{1,2}, Luciana FERREIRA^{1,2}, Catarina SALGADO^{1,3}, Paula SOARES^{1,2,3},
Manuel SOBRINHO-SIMÕES^{1,2,3,4}

¹Institute of Molecular Pathology and Immunology of the University of Porto, Cancer Biology, PORTO, PORTUGAL

²Medical Faculty of Porto University, Pathology and Oncology, PORTO, PORTUGAL

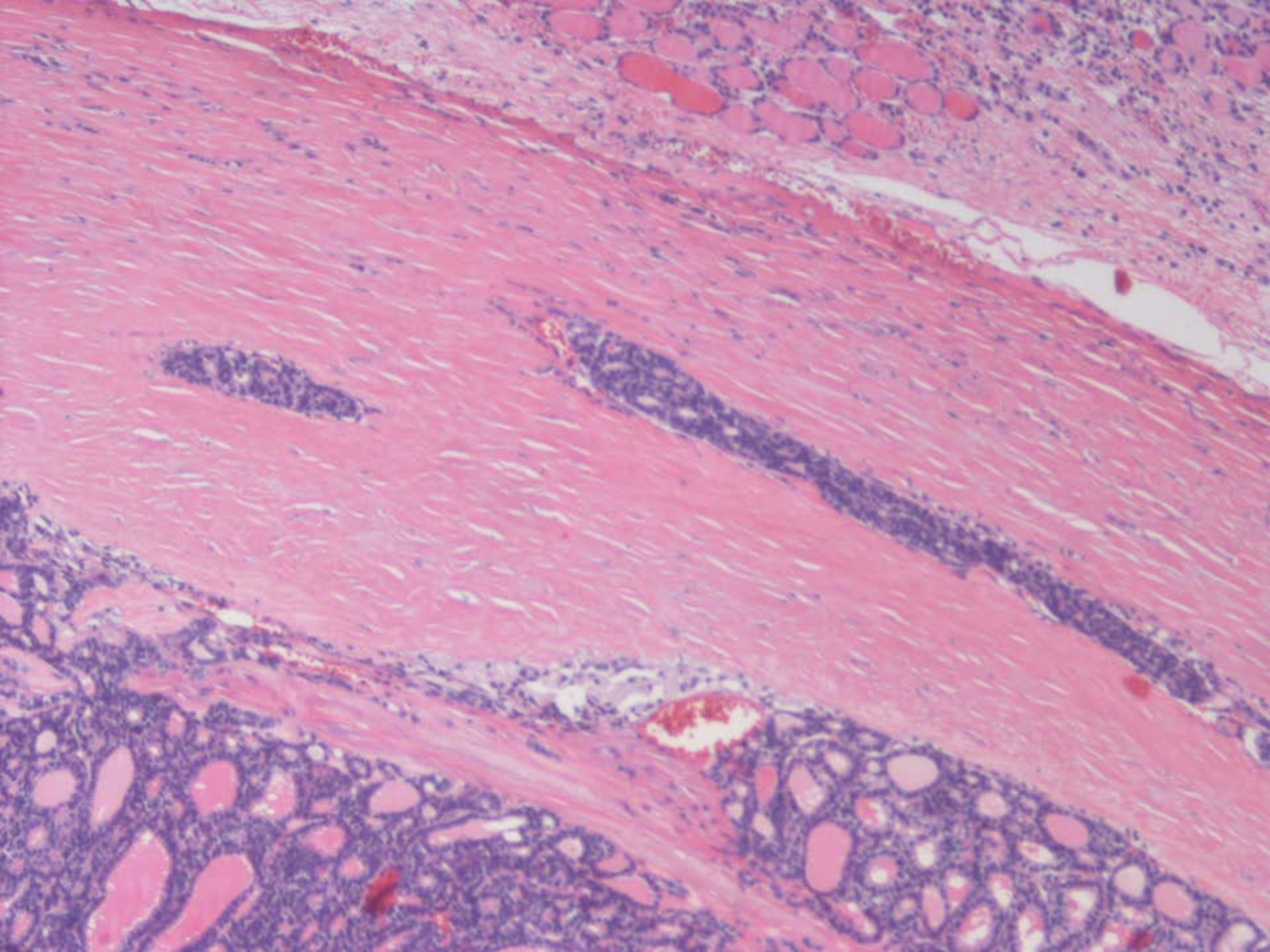
³Instituto de Investigação e Inovação em Saúde, Universidade do Porto, PORTO, PORTUGAL

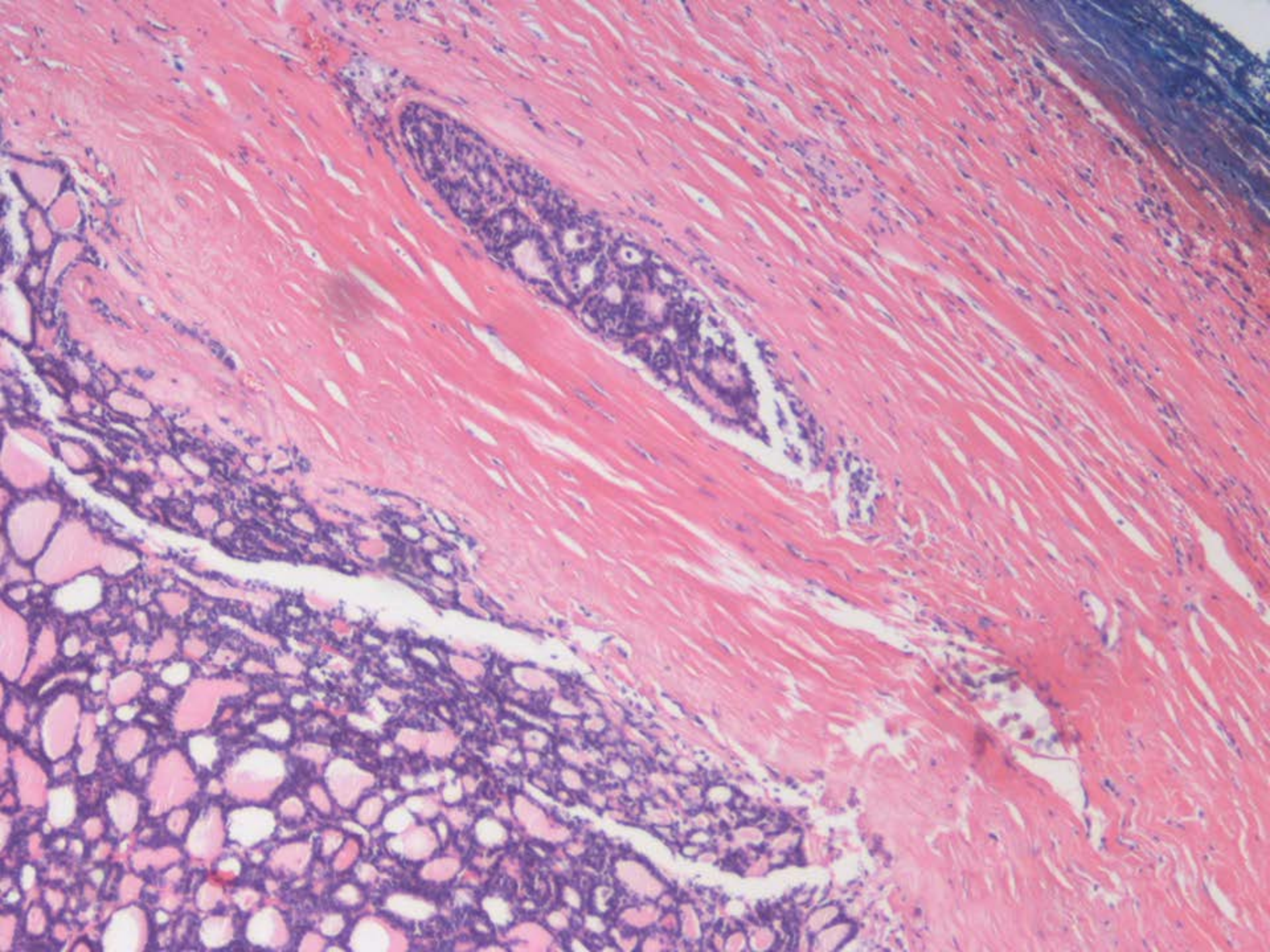
⁴Hospital Centre of S. João, Pathology, PORTO, PORTUGAL

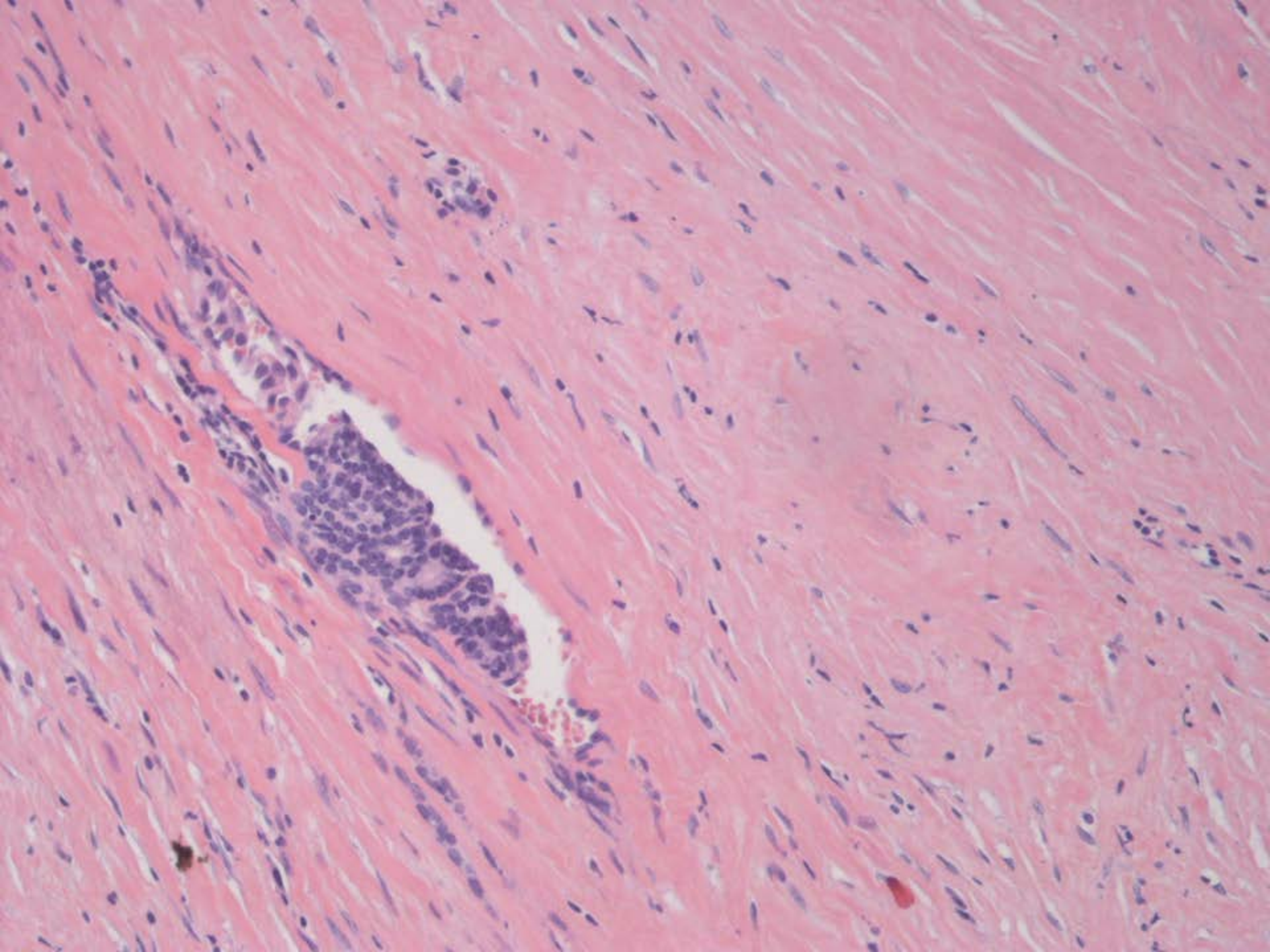
Nekroz odakları ve yüksek mitoz ile karakterli yaygın invaziv folliküler karsinom-az diferansiye karsinom ayrımı mümkün olamamaktadır

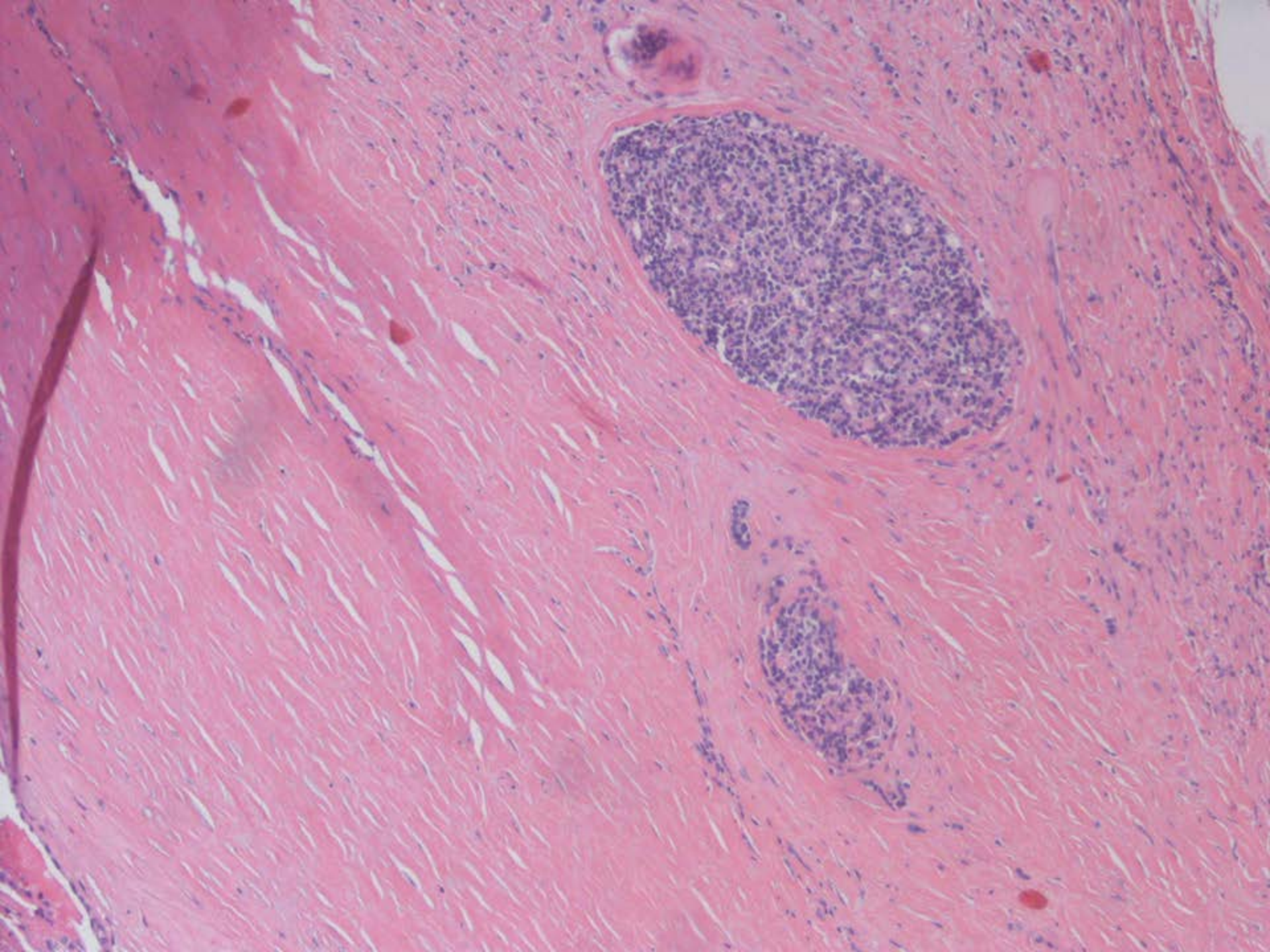


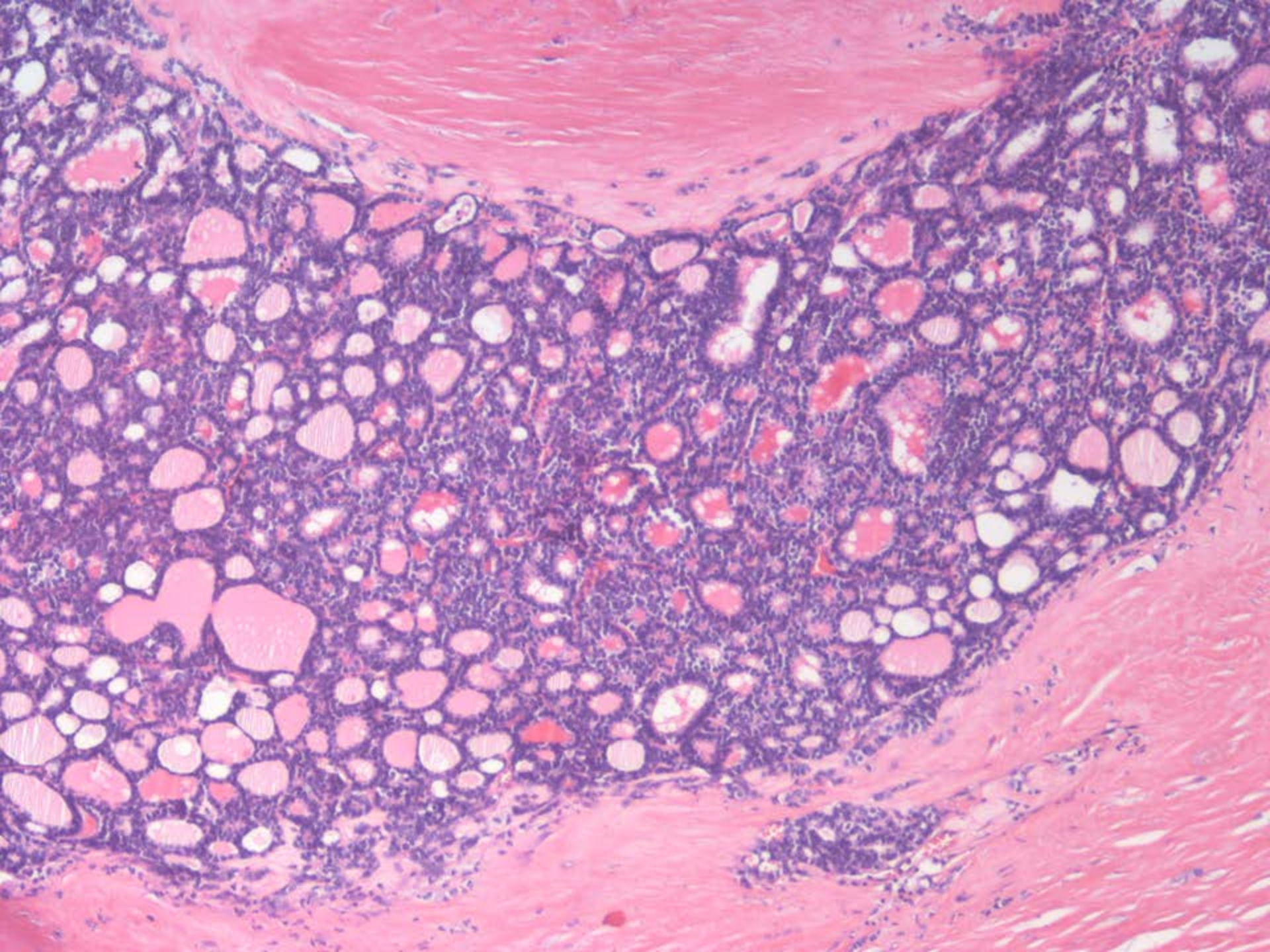
TEDAVİLERİ VE PROGNOZLARI BENZER

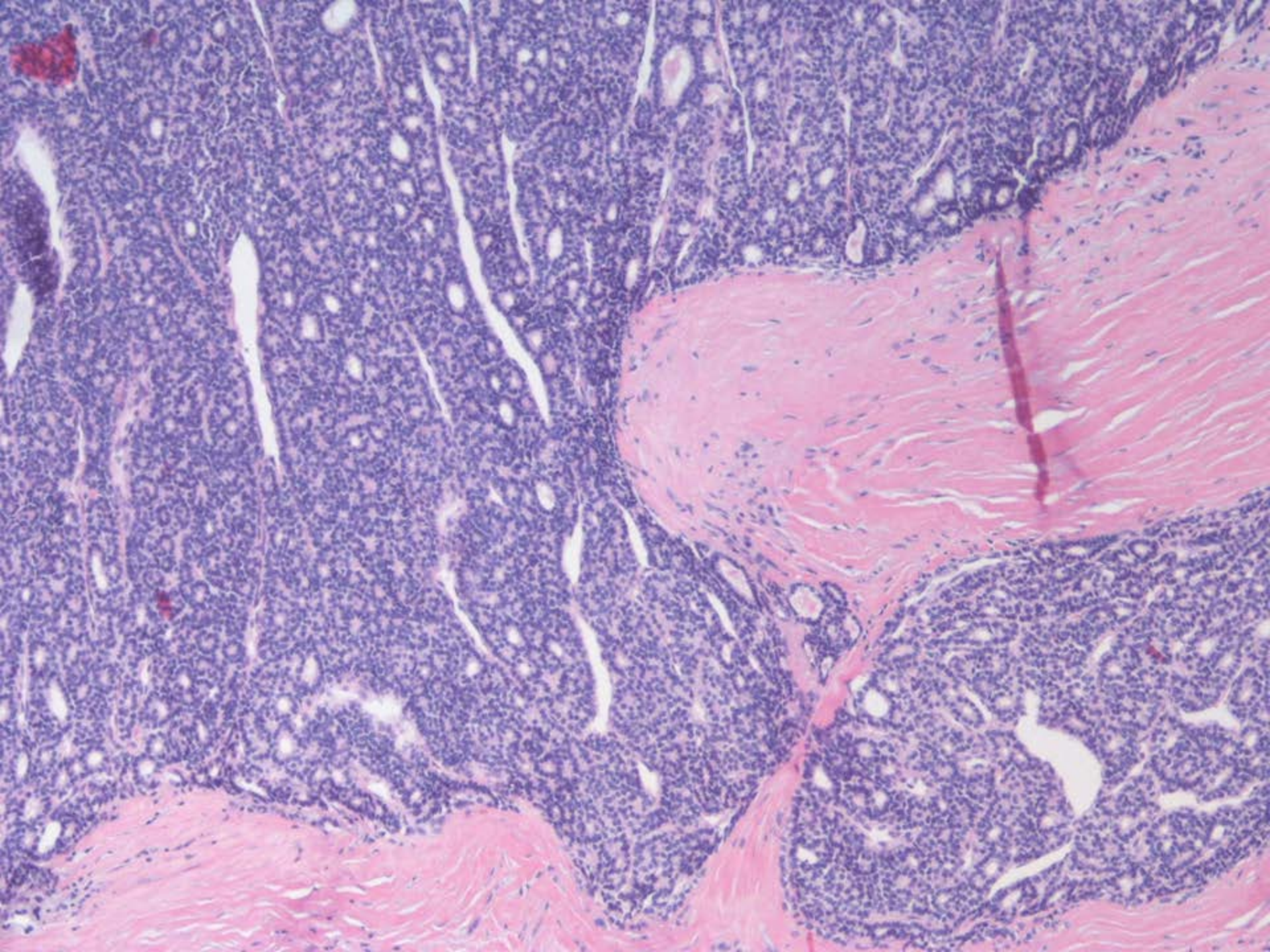


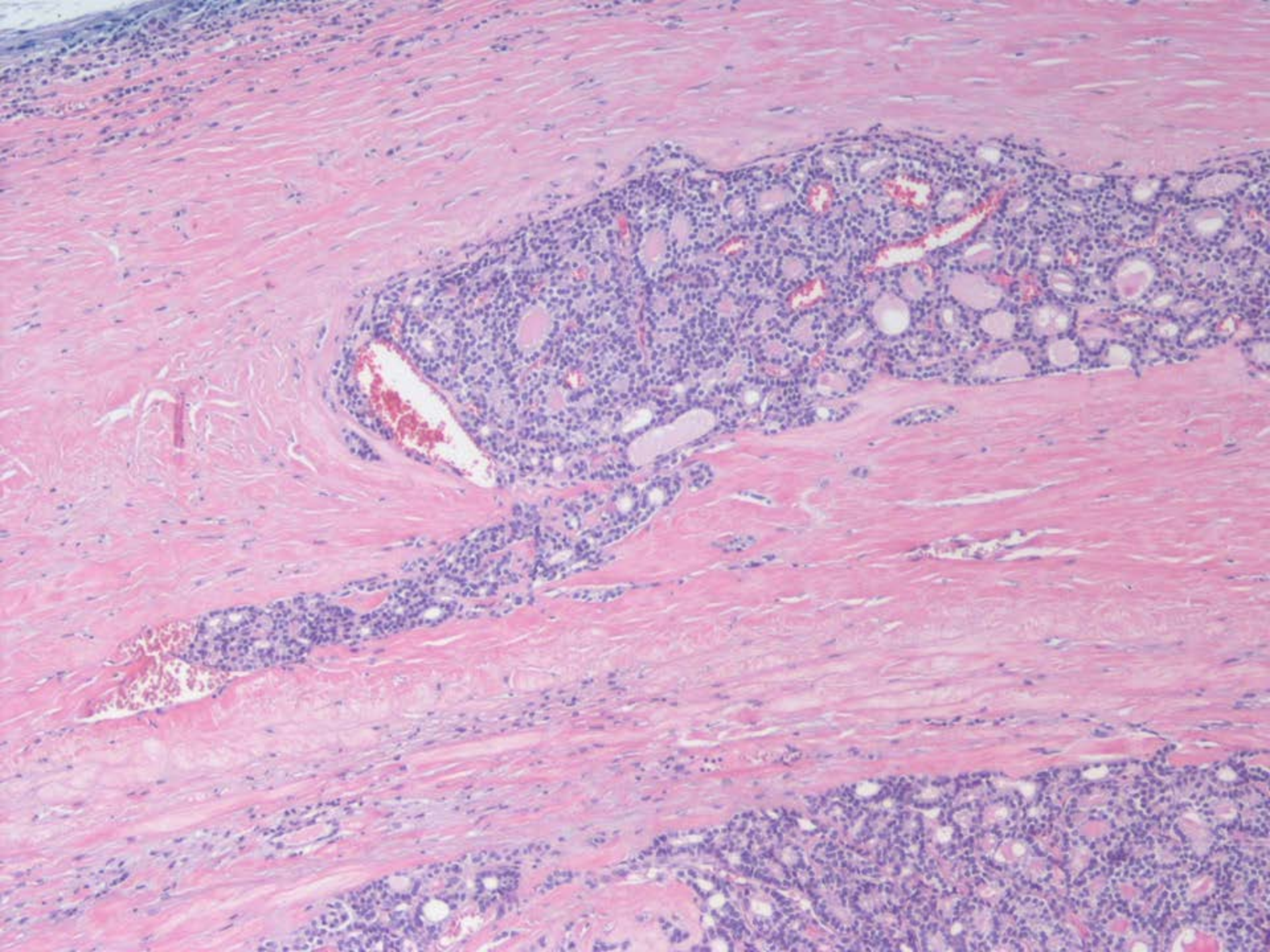












ANJİOİNVAZİV FOLLİKÜLER KARSİNOM

10 yıllık sağkalım

Minimal invaziv → %98

Anjioinvaziv → %80

Yaygın invaziv → %38

FOLLİKÜLER KARSİNOMDA PROGNOZ

Yaş

Tümör boyutu

Evre

Cerrahinin total olup olmaması

Radyoaktif ioda yanıt

Tümörde invazyonun yaygınlığı

Poorly Differentiated Oncocytic (Hürthle Cell) Follicular Carcinoma: an Institutional Experience

Shuting Bai¹ • Zubair W. Baloch¹ • Teresa D. Samulski¹ • Kathleen T. Montone¹ • Virginia A. LiVolsi¹

284 olgu onkositik FK, 17 olgu onkositik ADTK

Turin kriterleri

Min invaziv ve anjioinvaziv FK ile karşılaştırıldığında ADTK

İleri yaş, tümör boyutu büyük

Yaygın damar invazyonu

Solid trabeküler patern

Tümör nekrozu

AGRESİF PROGNOZLU TÜMÖRLER