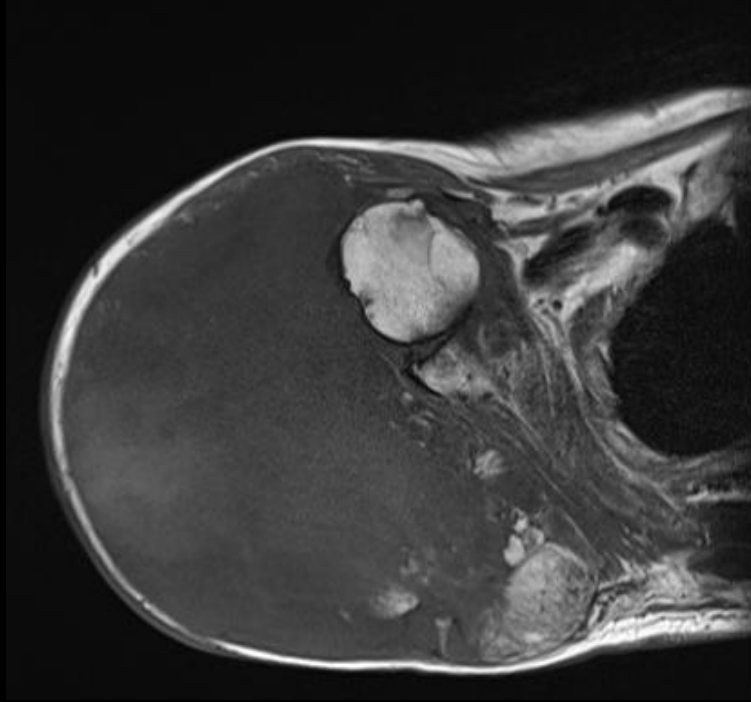


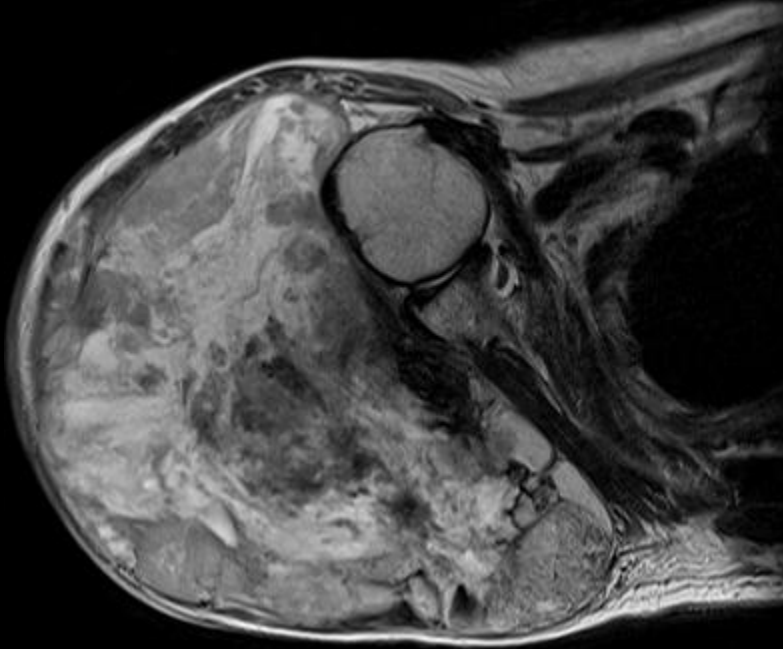
演題1: 右肩軟部腫瘍

岡山大学

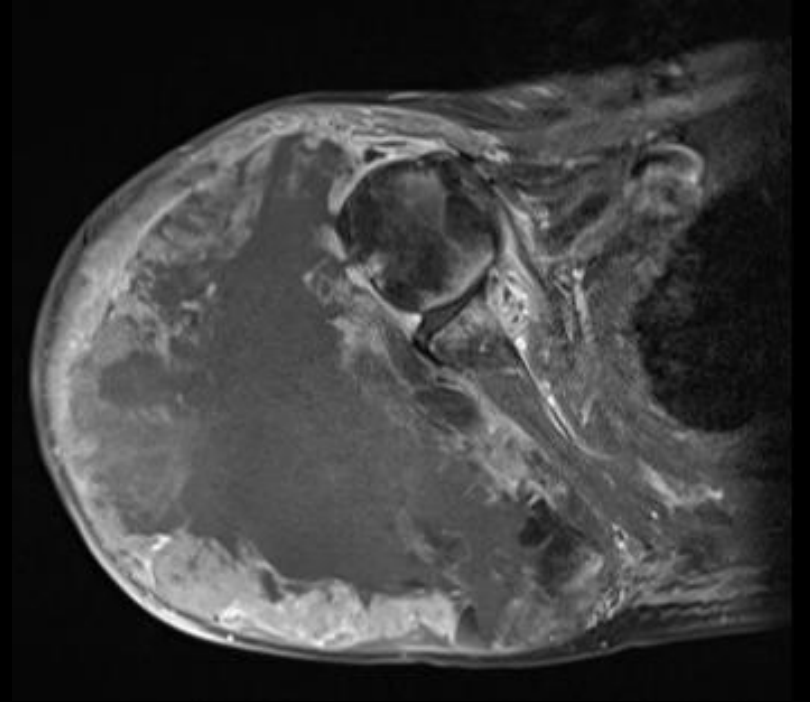
MRI axial



T1



T2

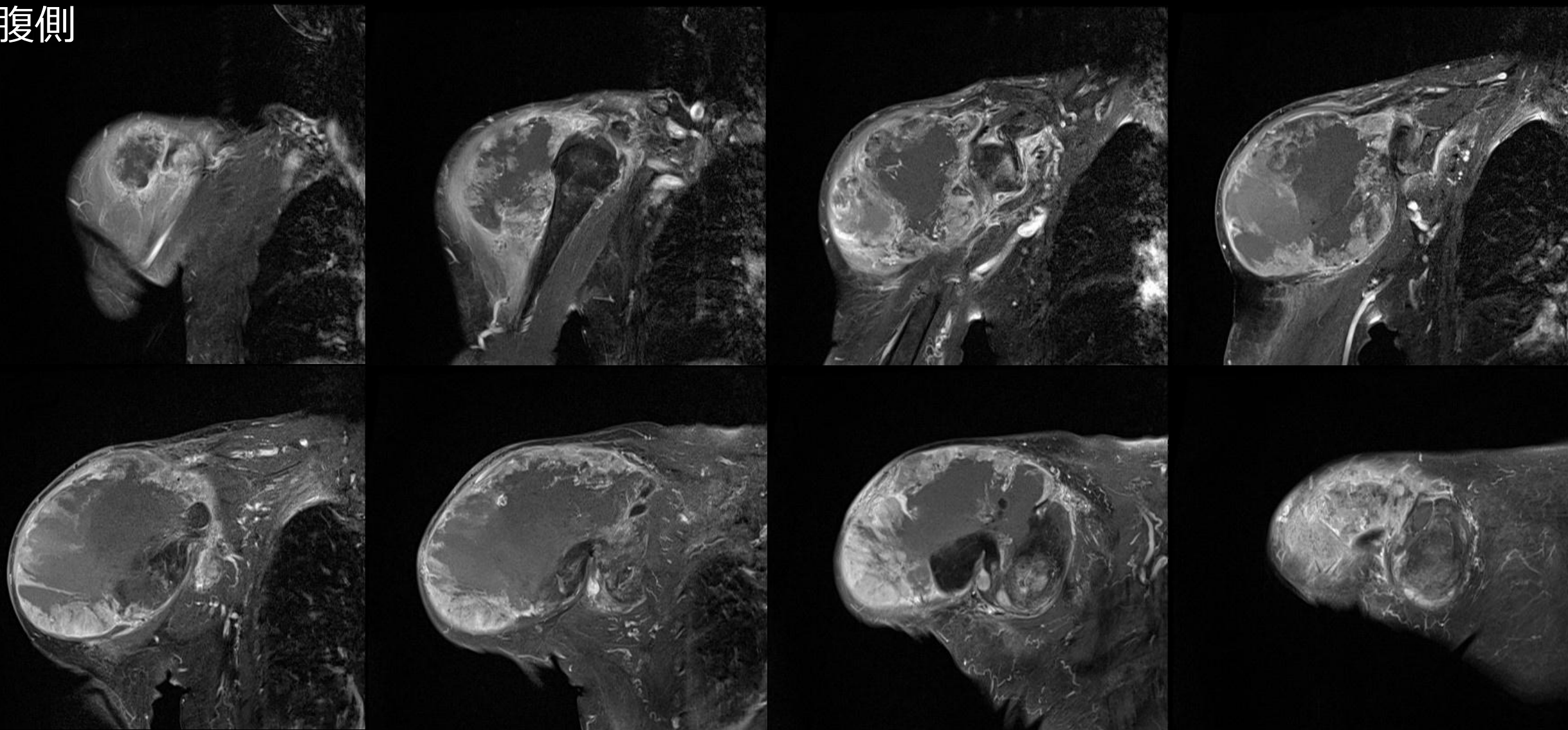


T1造影FS

T1造影FS

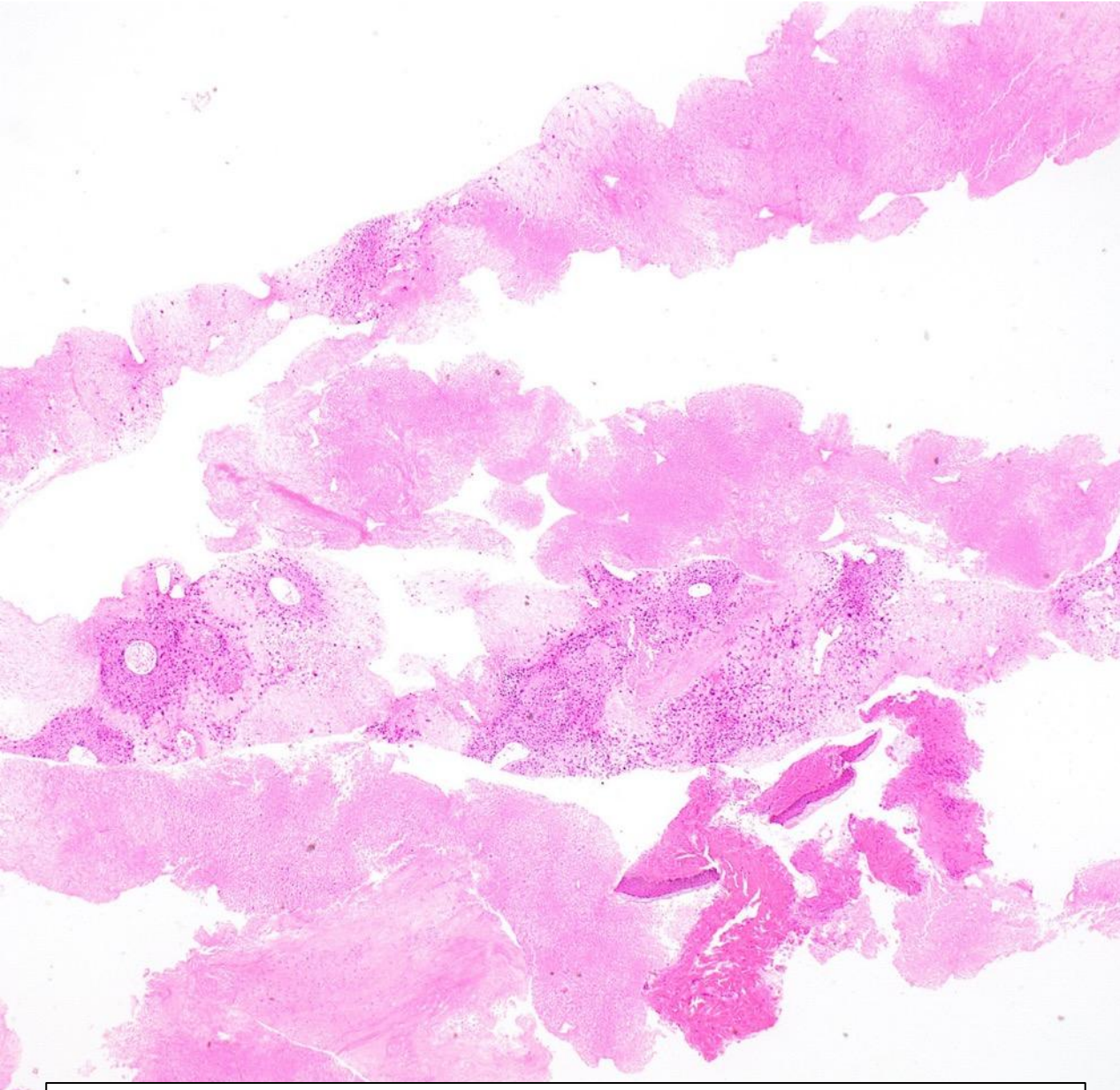
MRI coronal

腹側

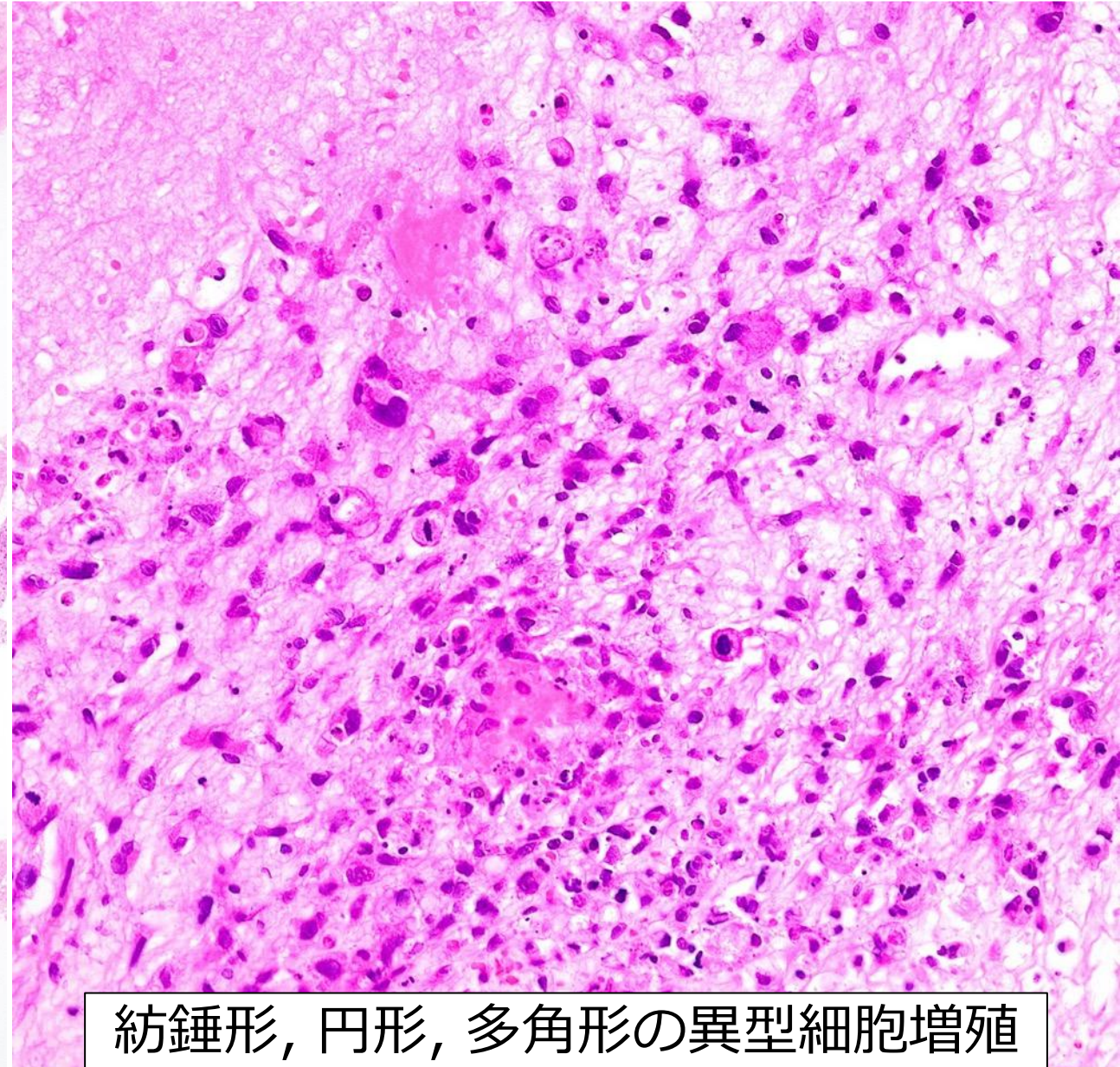


背側

未配布標本 針生検検体

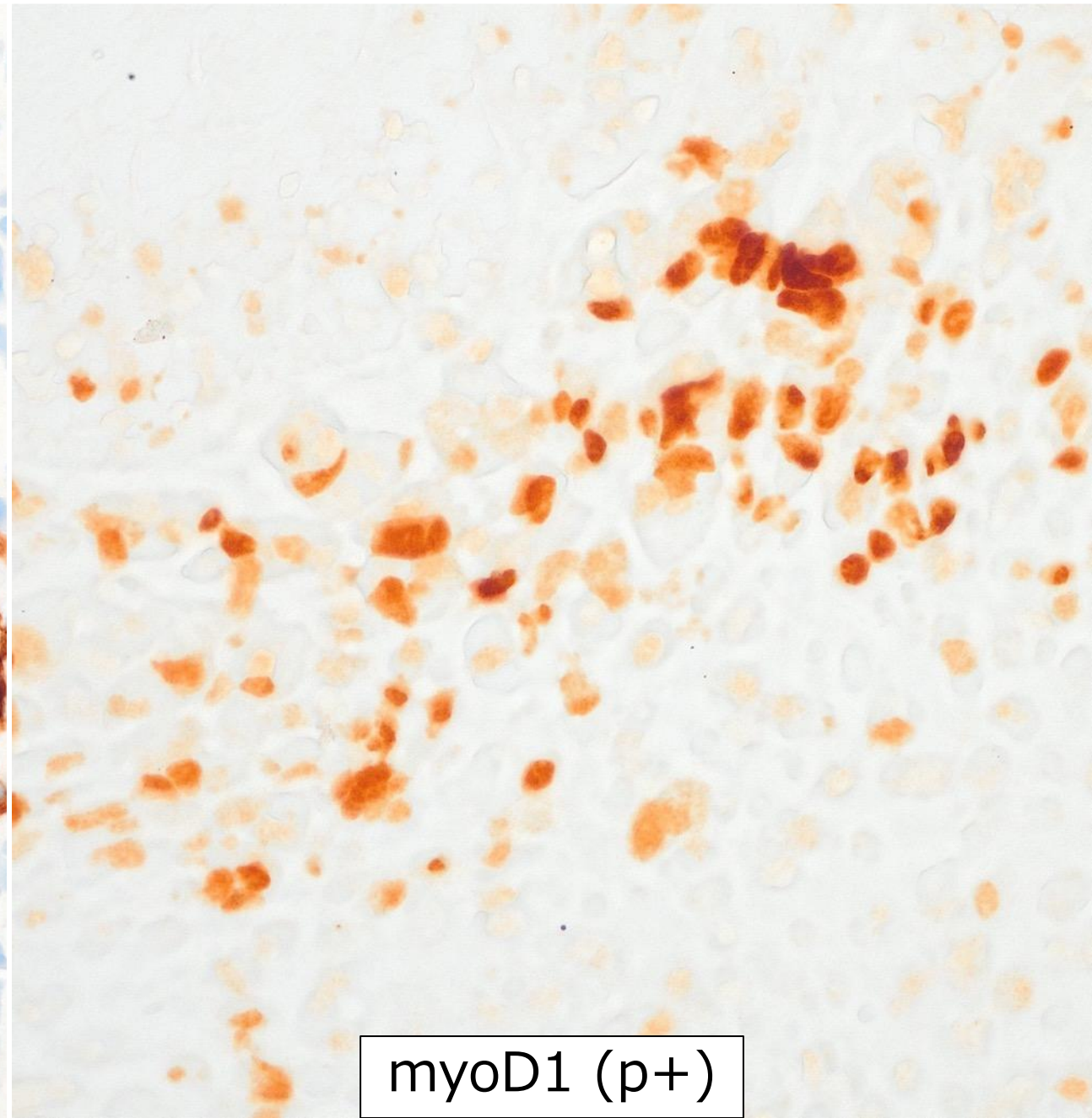
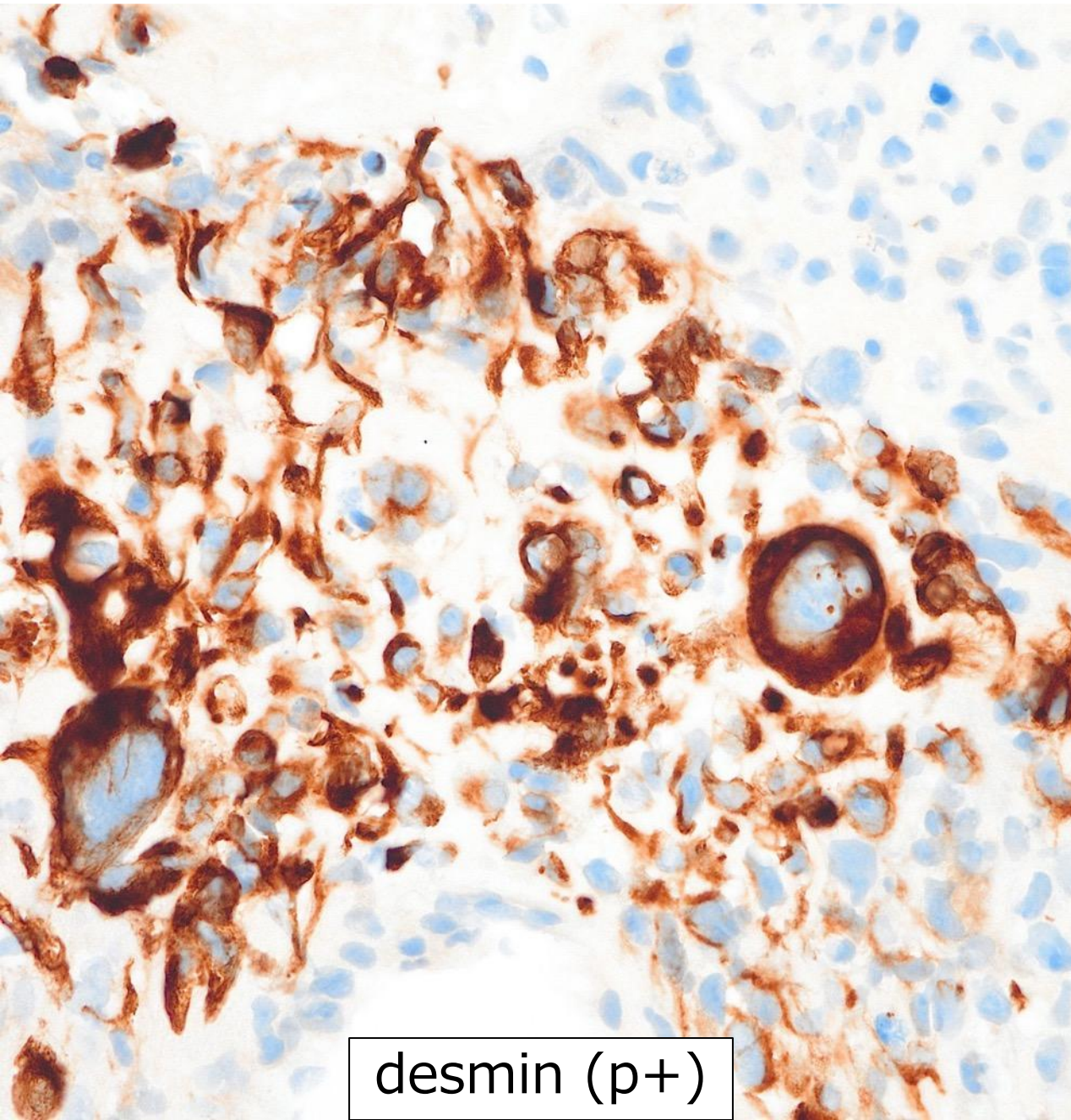


広範な壊死, 血管周囲性にviableな成分

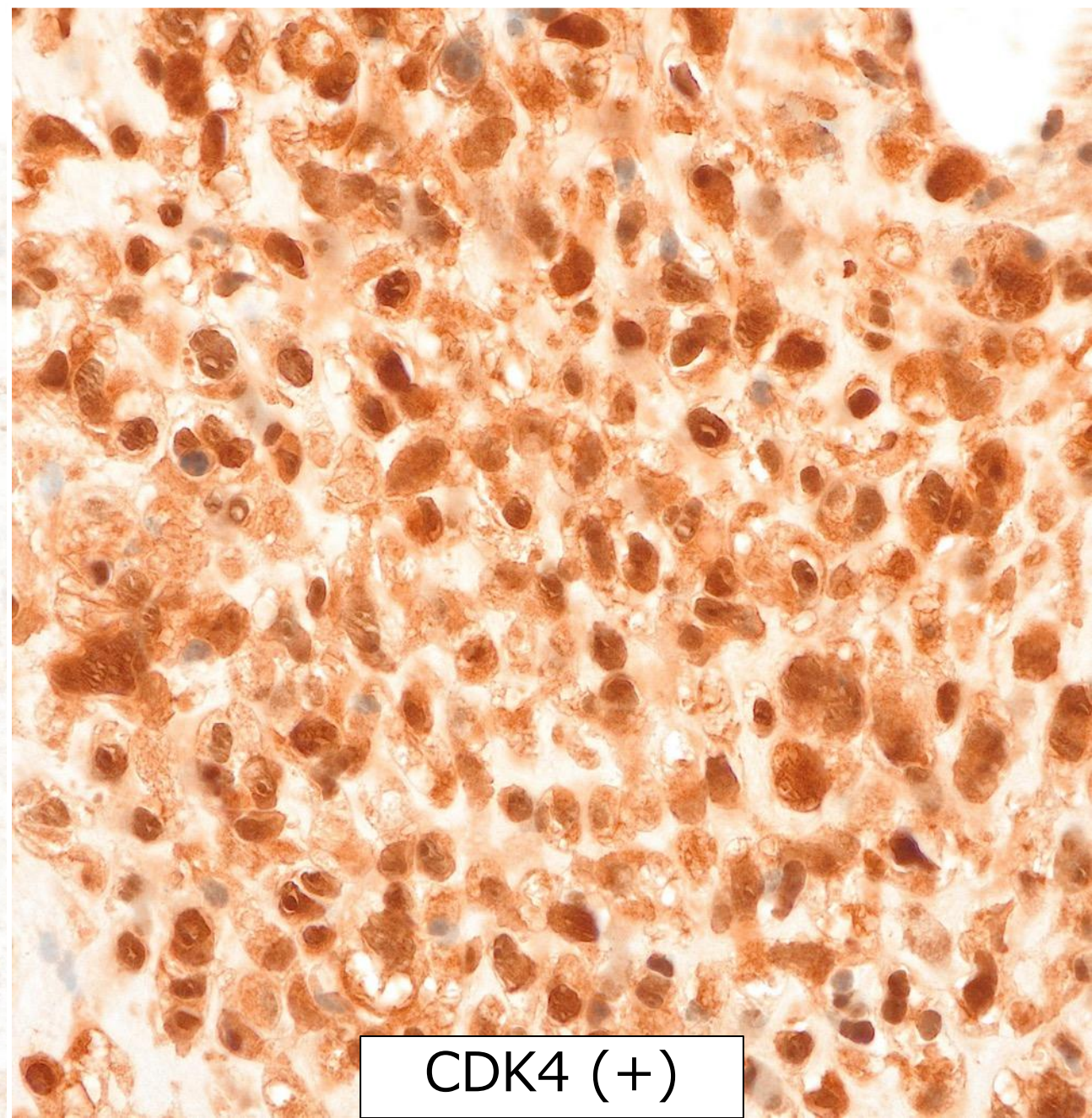
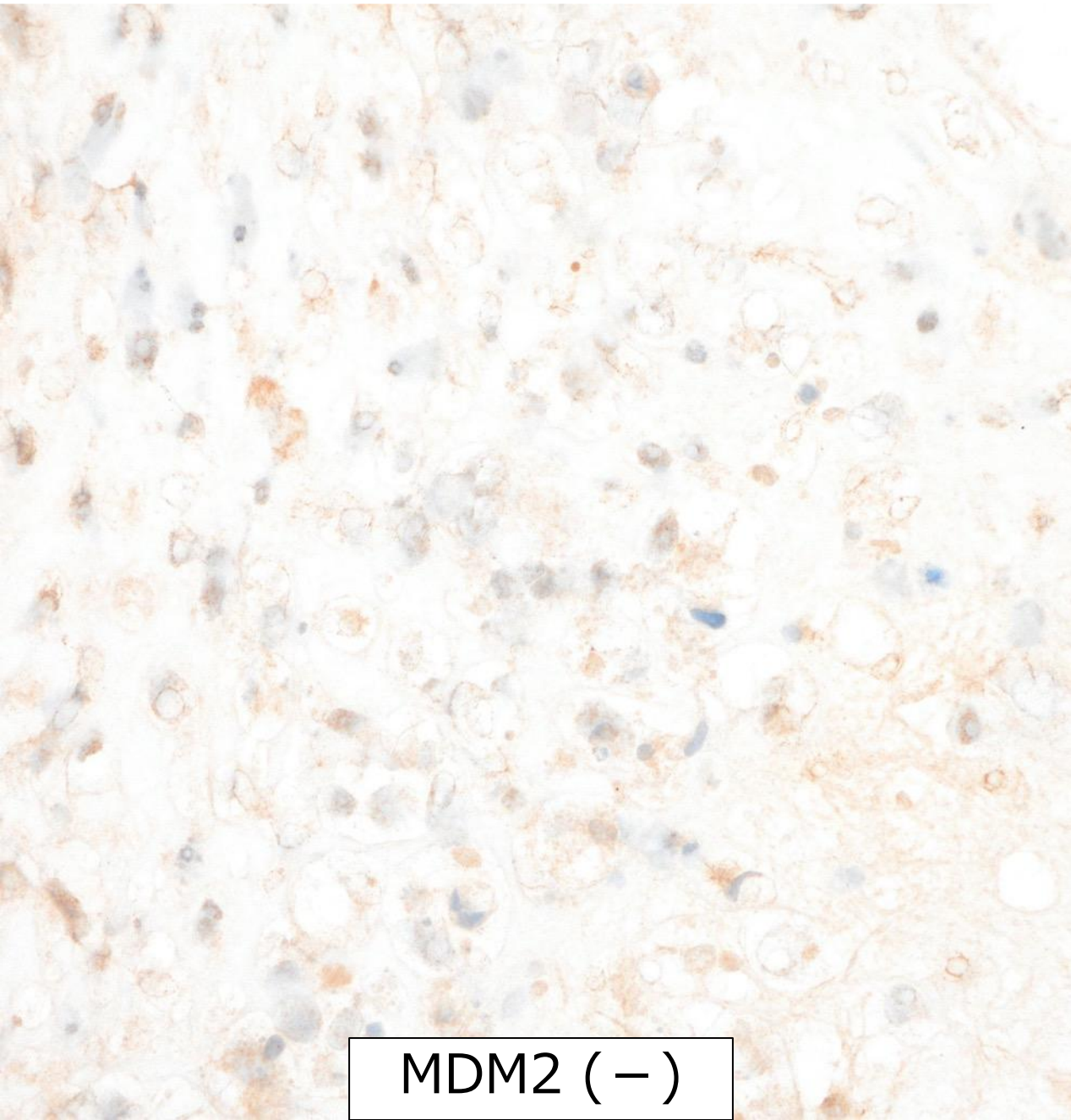


紡錘形, 円形, 多角形の異型細胞増殖
核分裂像多数

未配布標本 針生検検体



未配布標本 針生検検体



切除検体

尾側

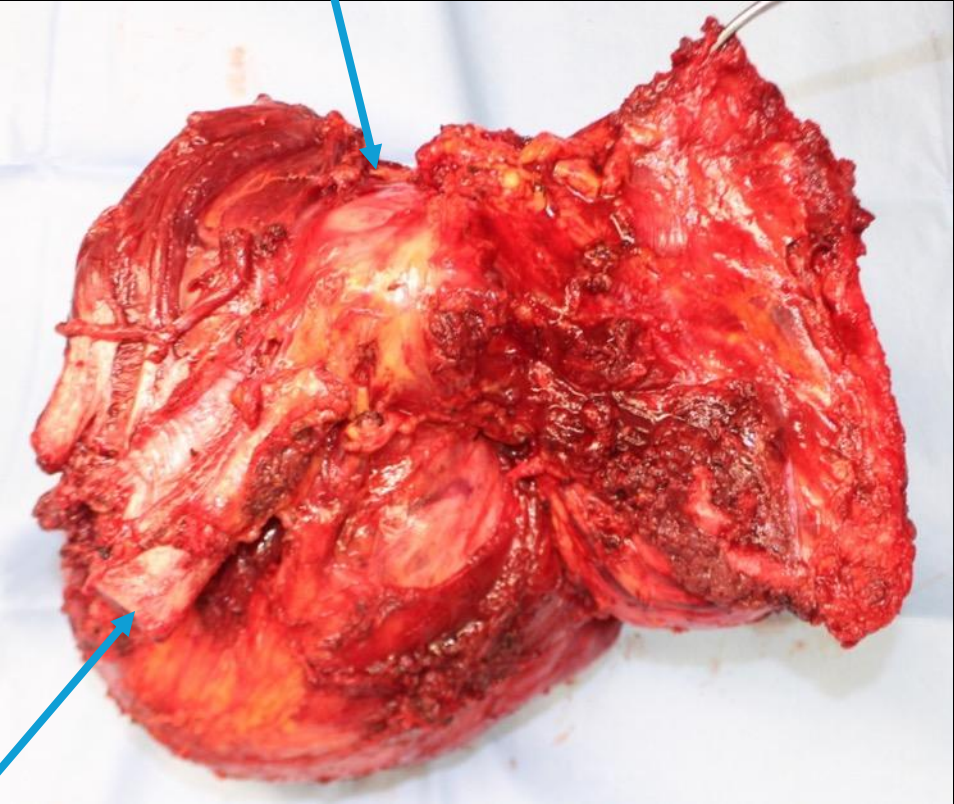
頭側



尾側

上腕骨頭

頭側



上腕骨

頭側



尾側

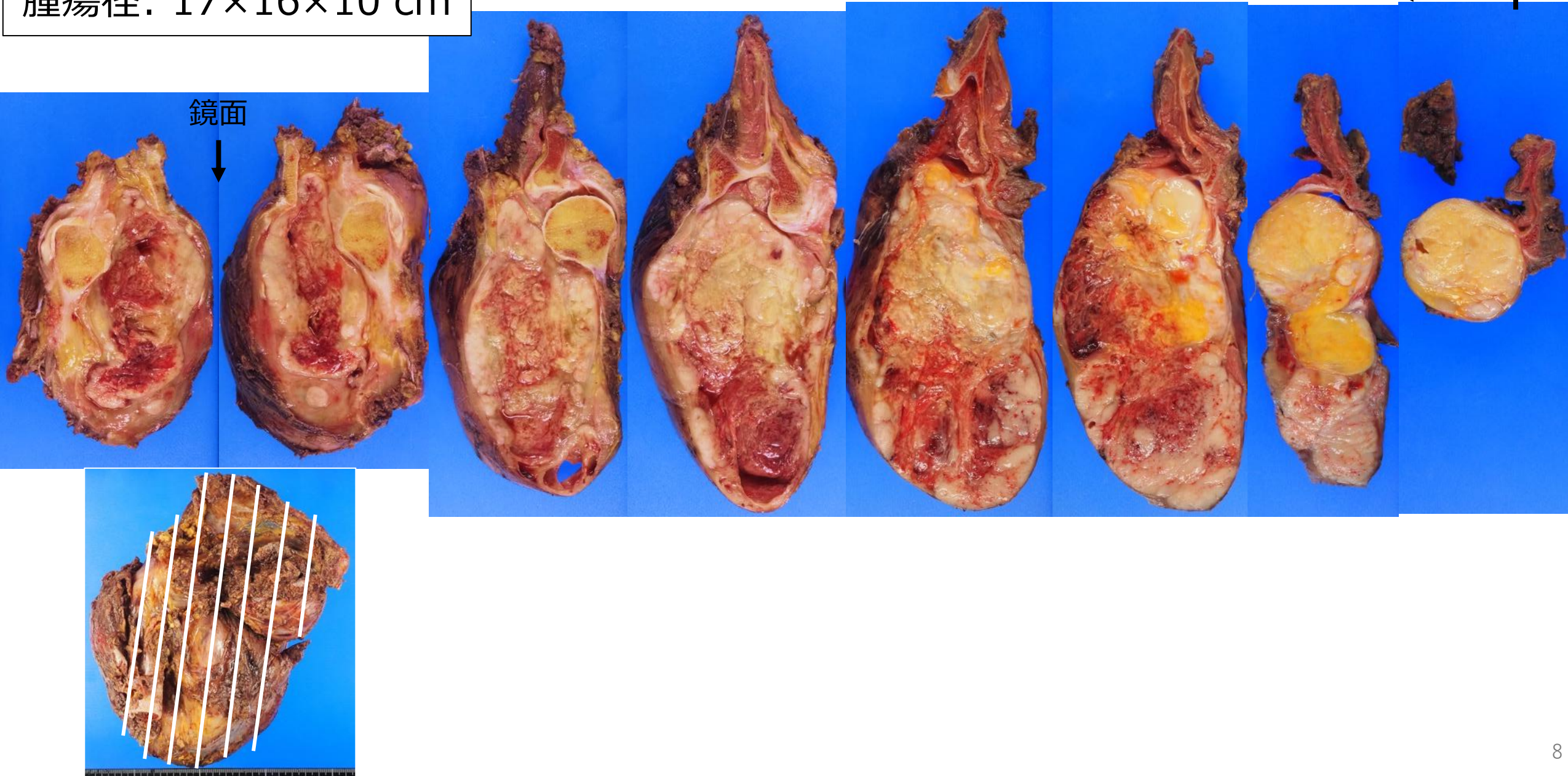
固定後標本

切除検体

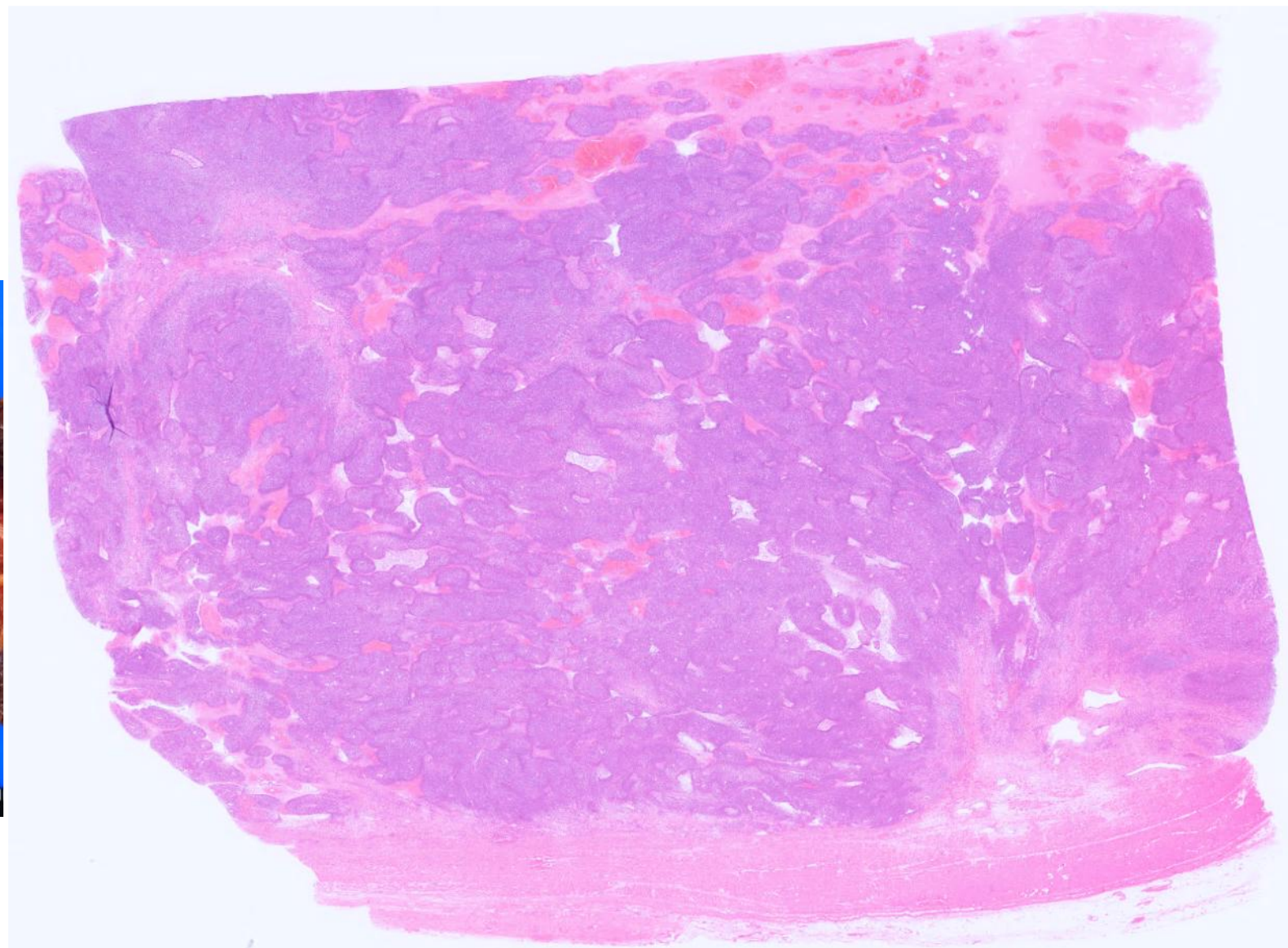
腫瘍径: 17×16×10 cm

頭側
背側

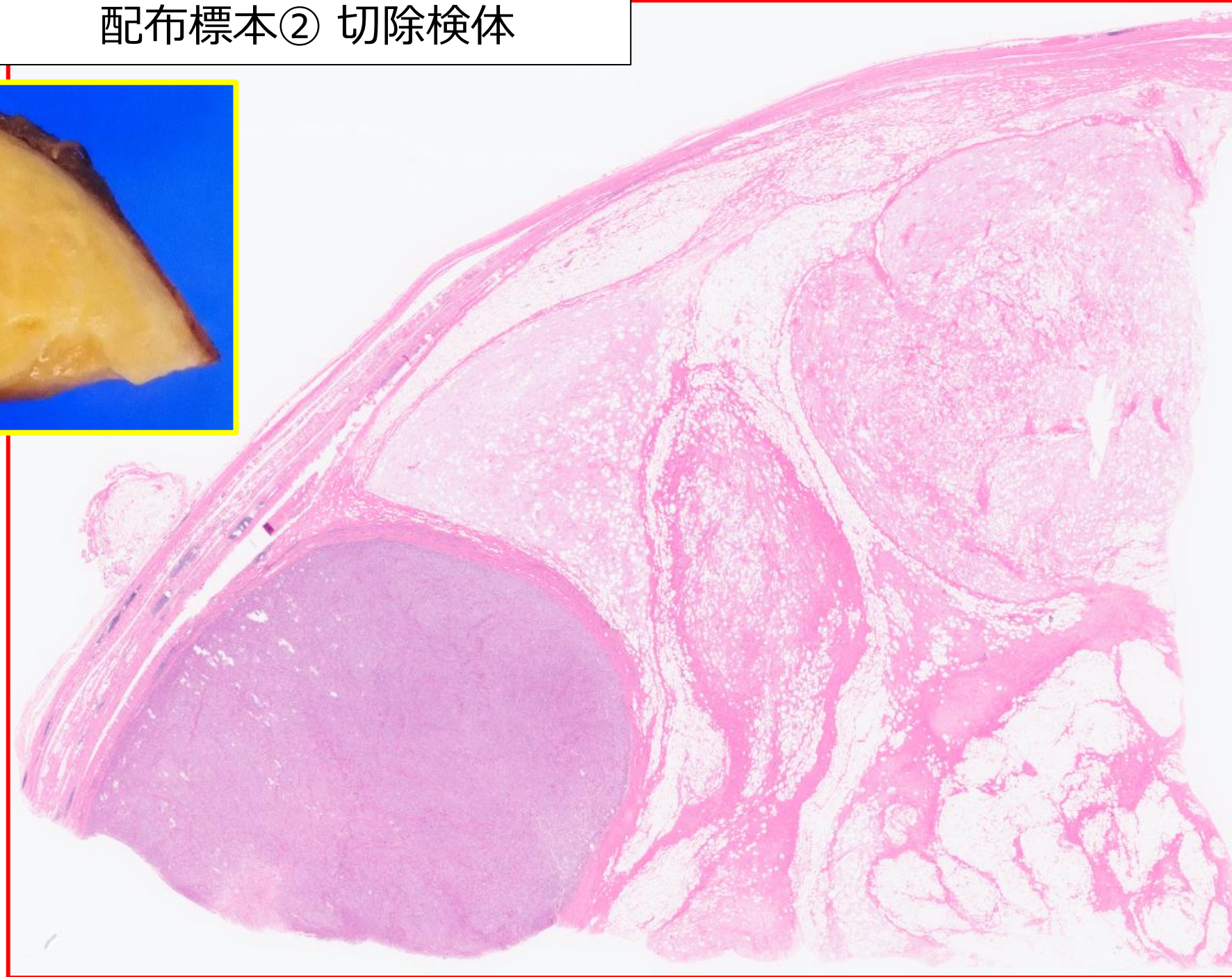
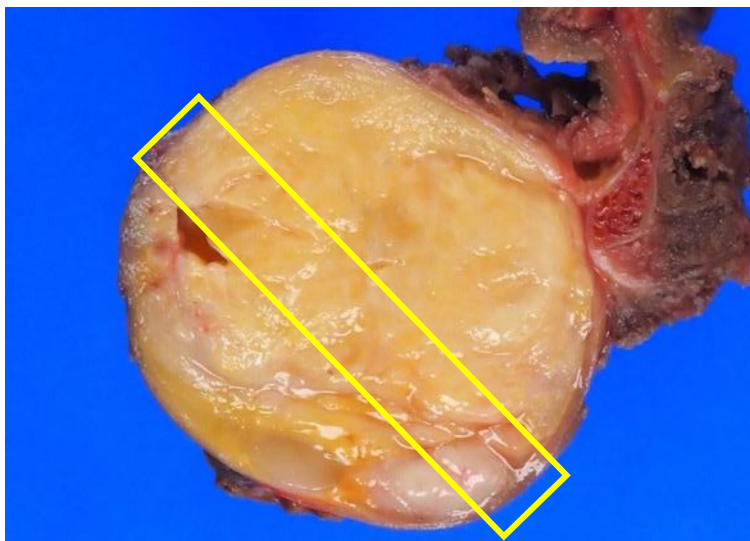
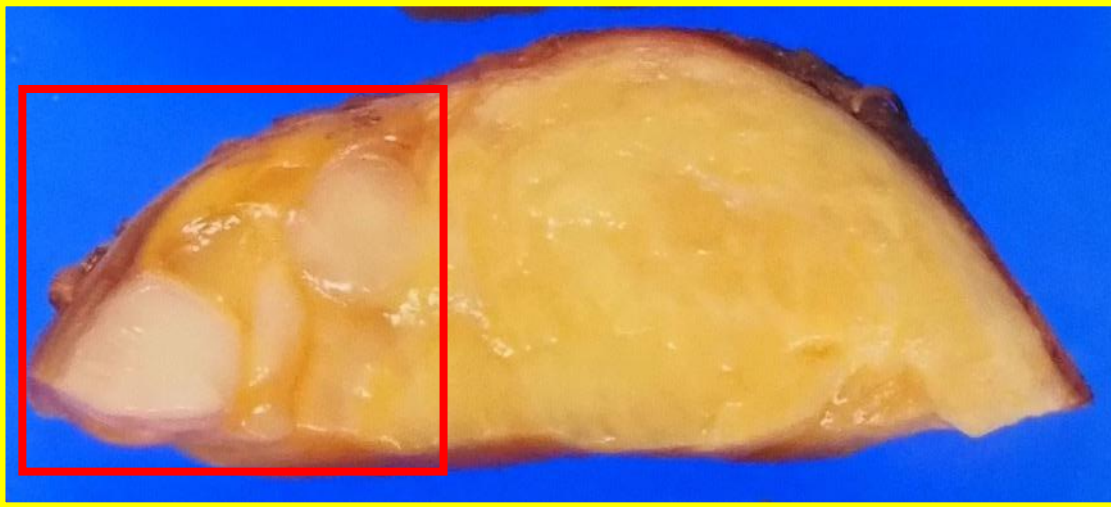
鏡面



配布標本① 切除検体



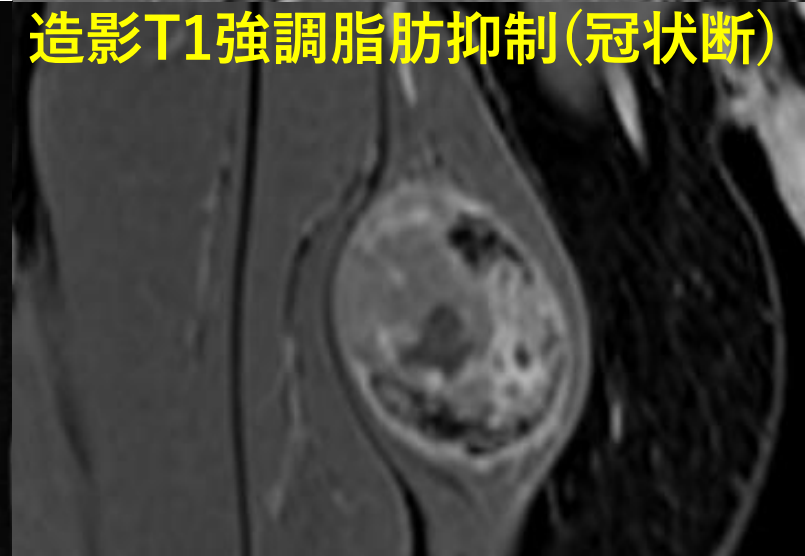
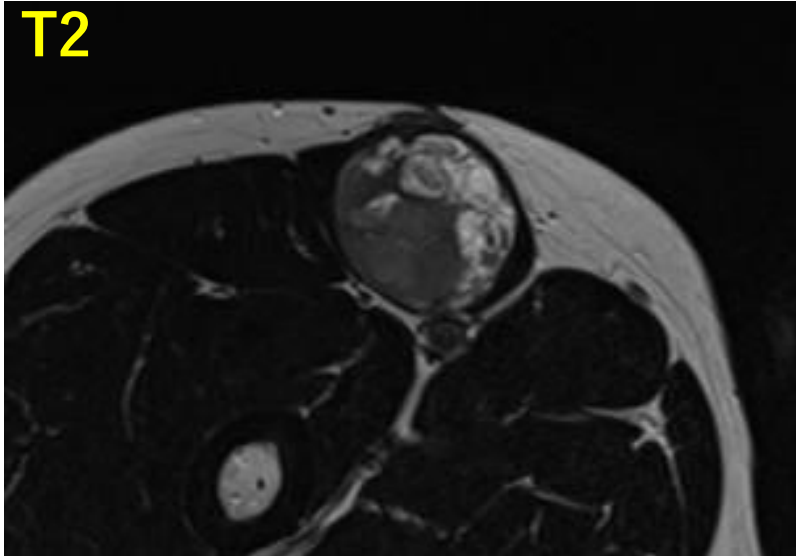
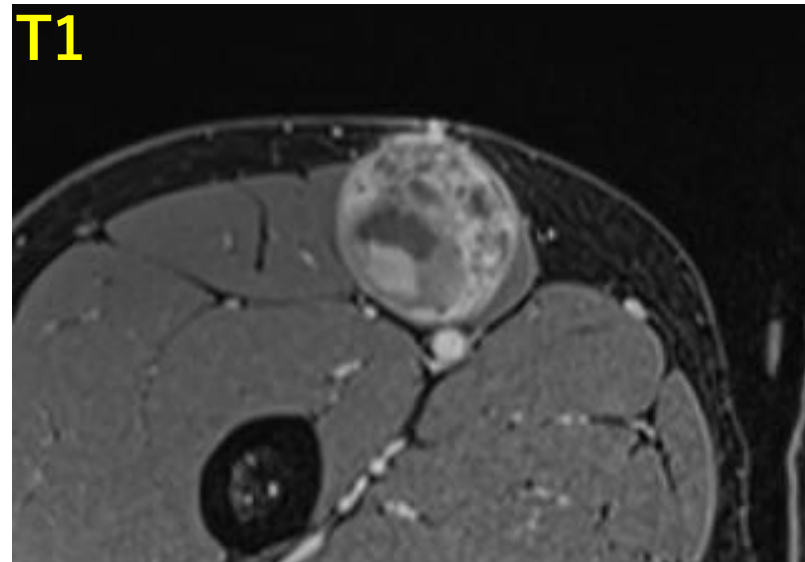
配布標本② 切除検体



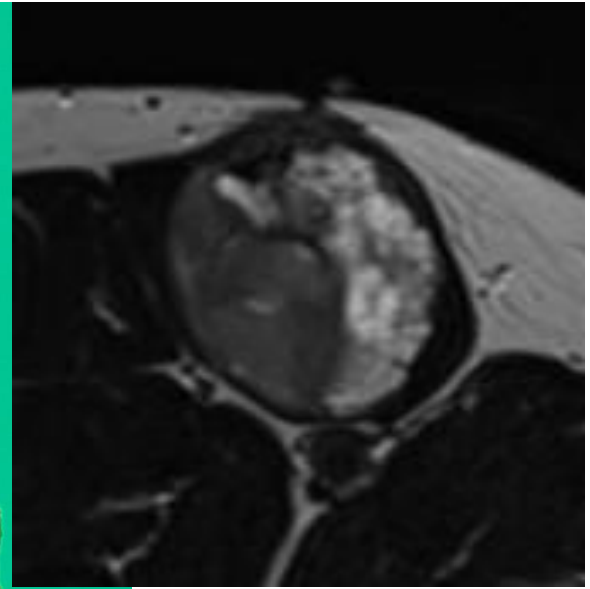
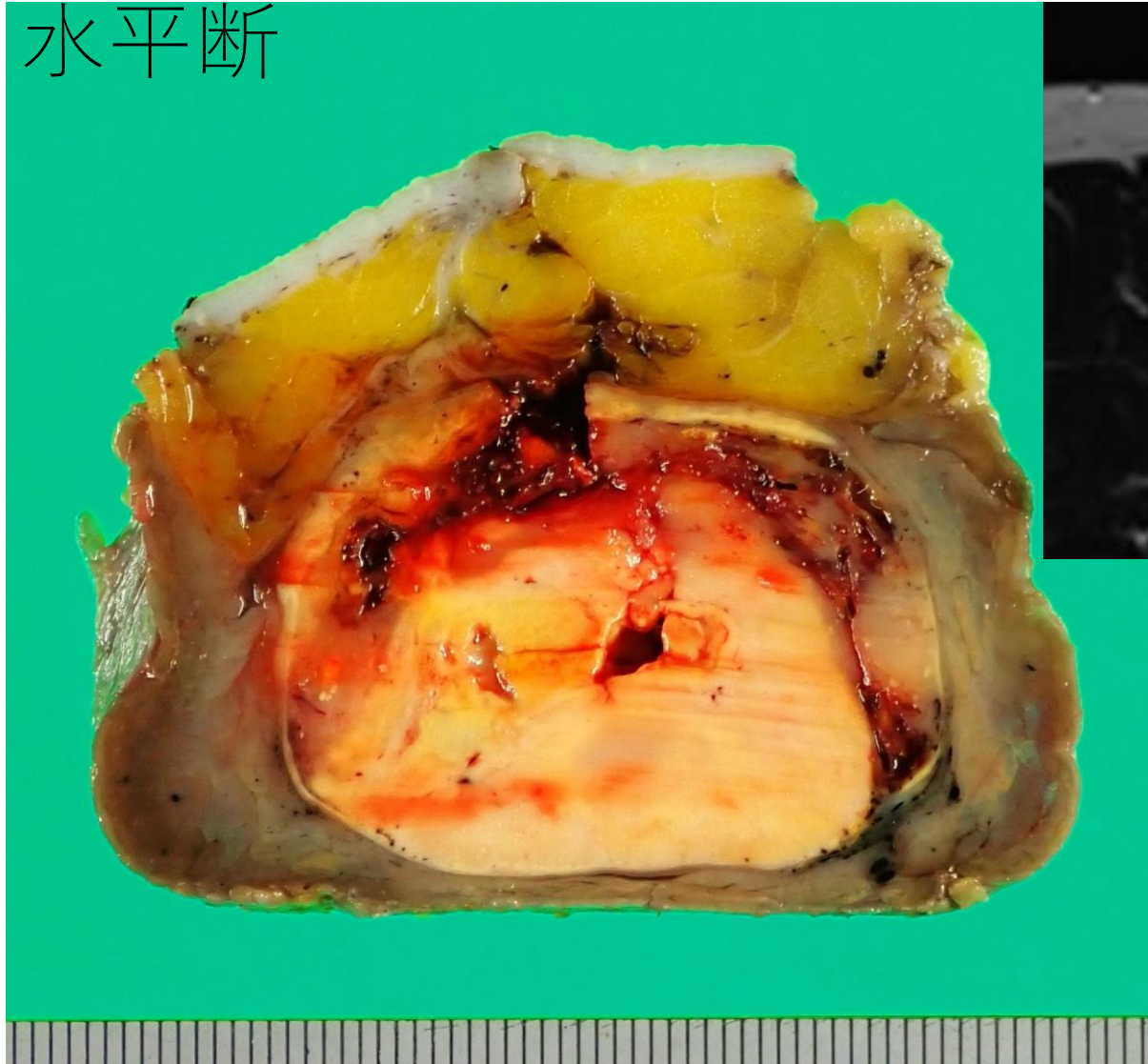
演題2: 右大腿軟部腫瘍の一例

名古屋大学

造影T1強調脂肪抑制



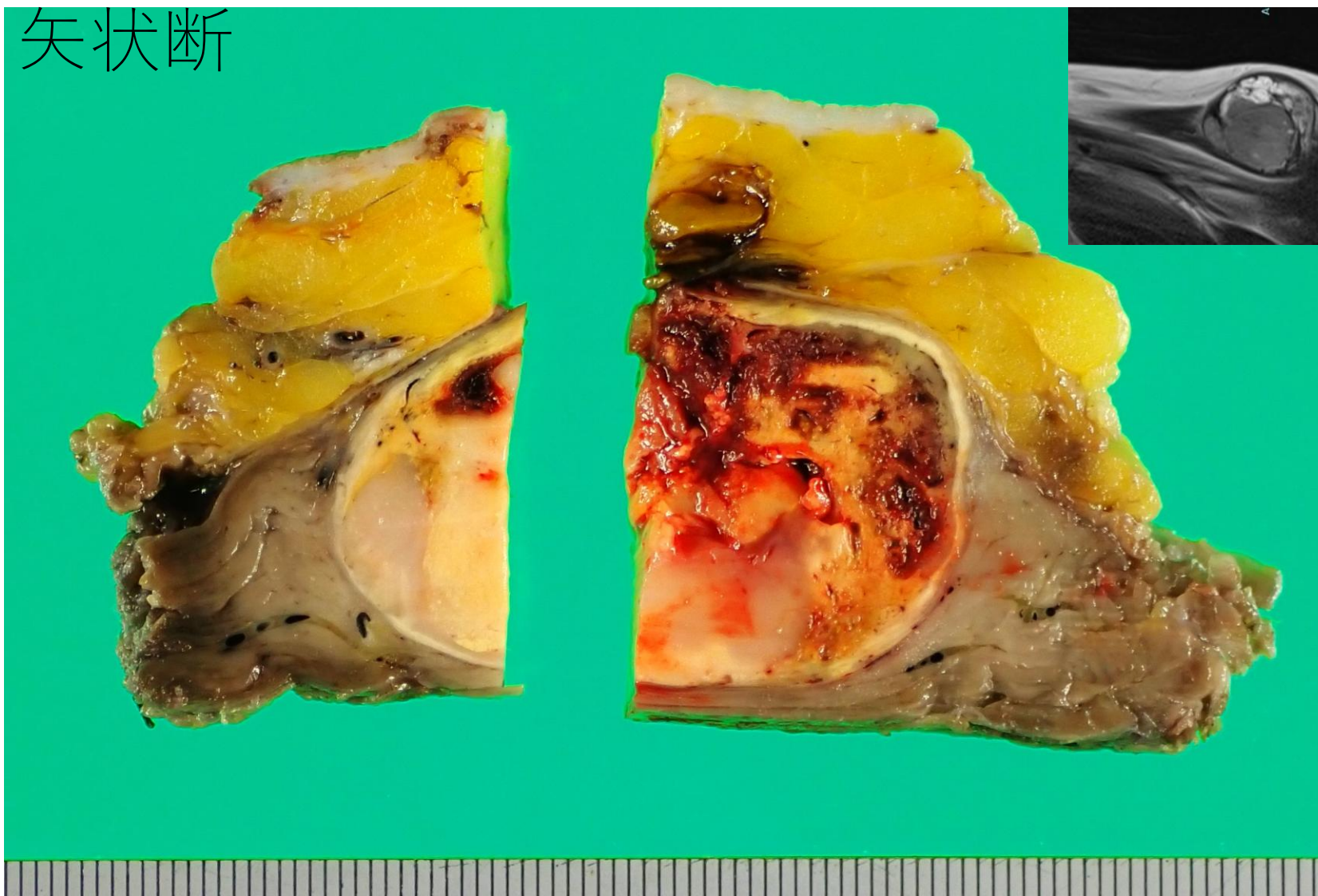
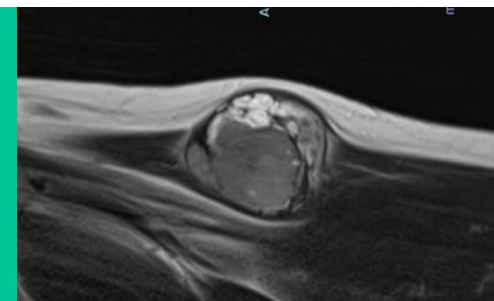
水平断



矢状断

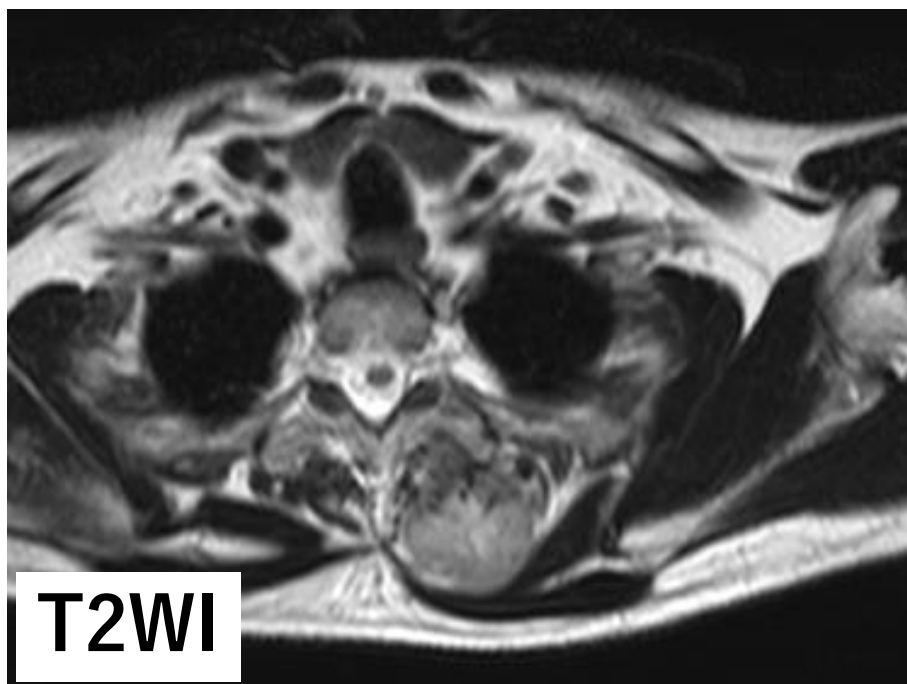
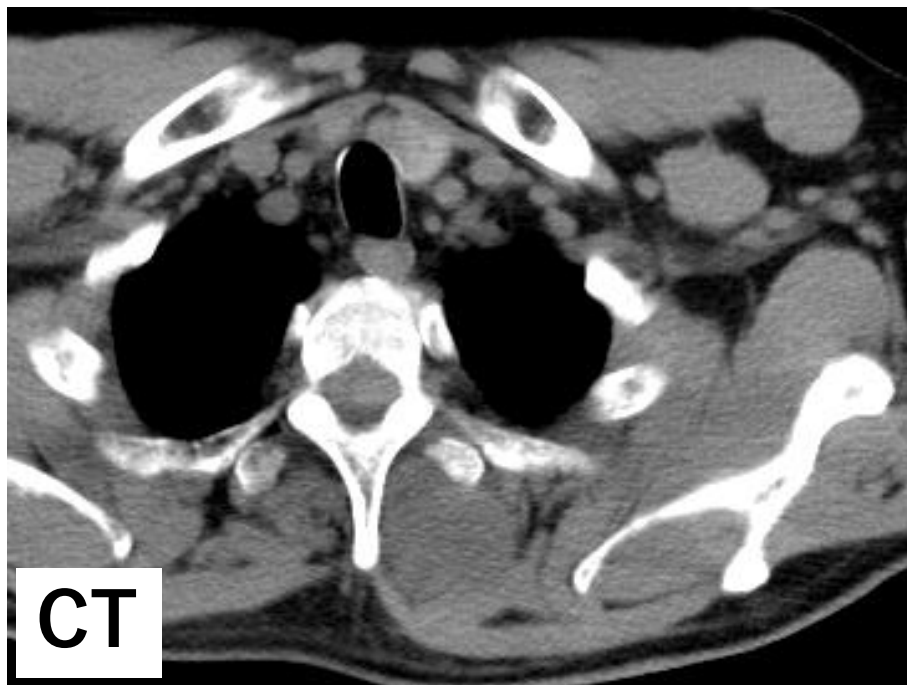
頭側

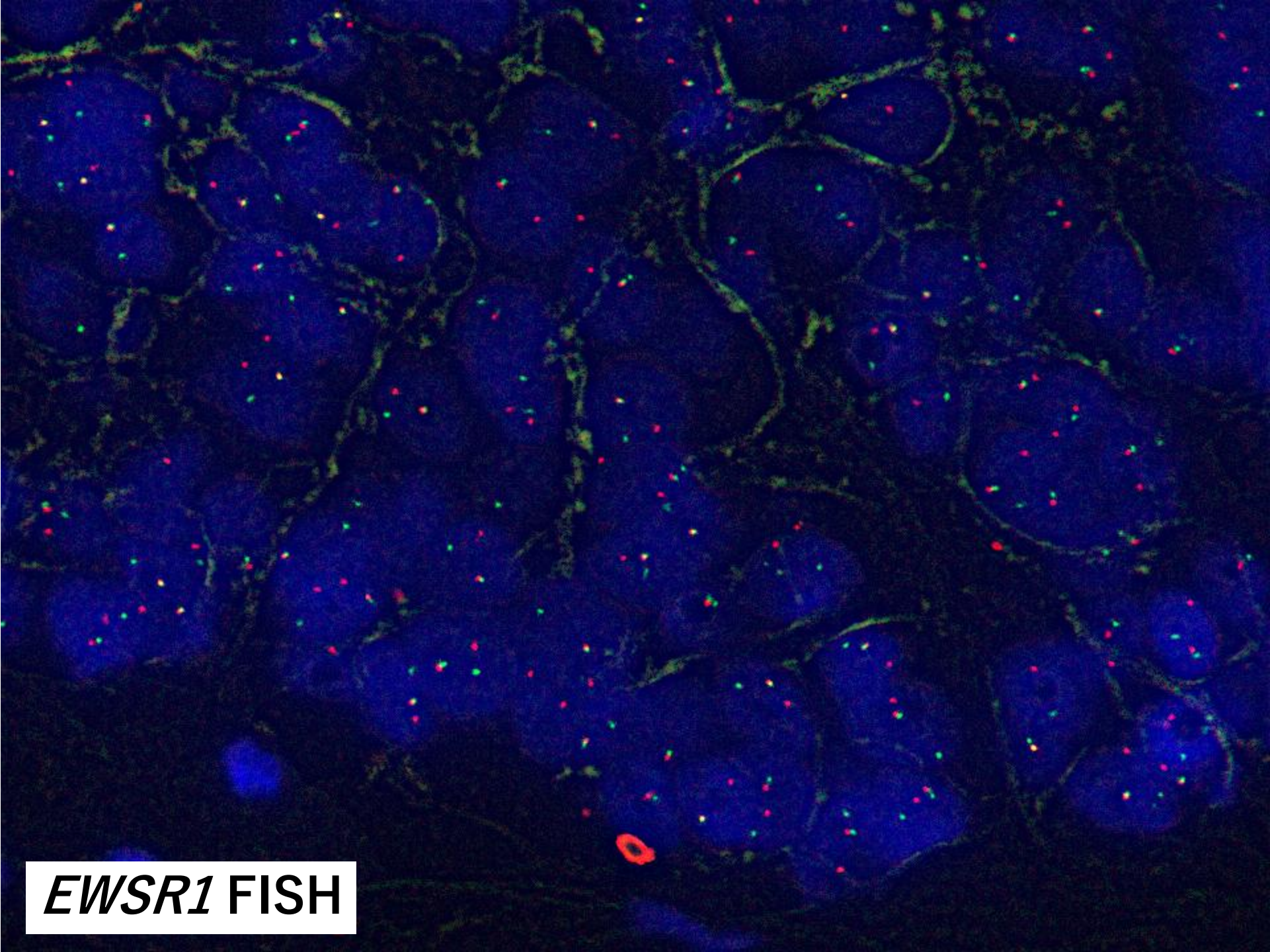
尾側



演題3: 背部腫瘍の一例

千葉県がんセンター





EWSR1 FISH

演題4: 左大腿軟部腫瘍

がん研究会有明病院

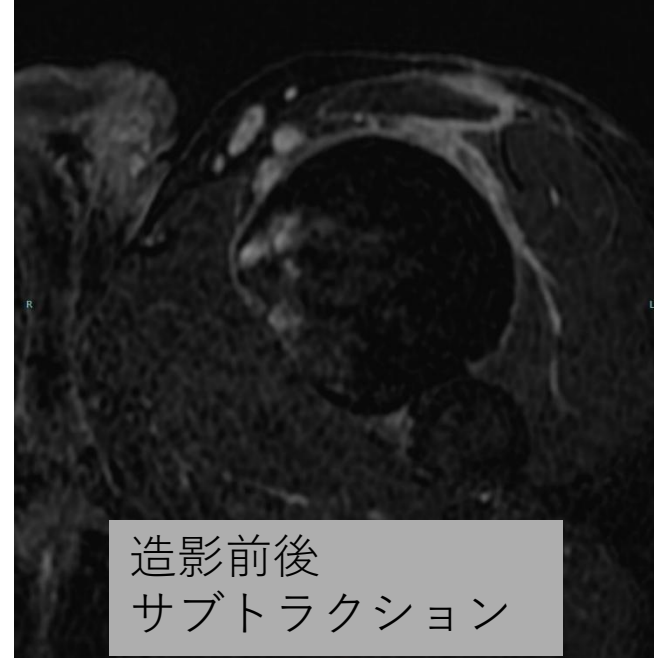
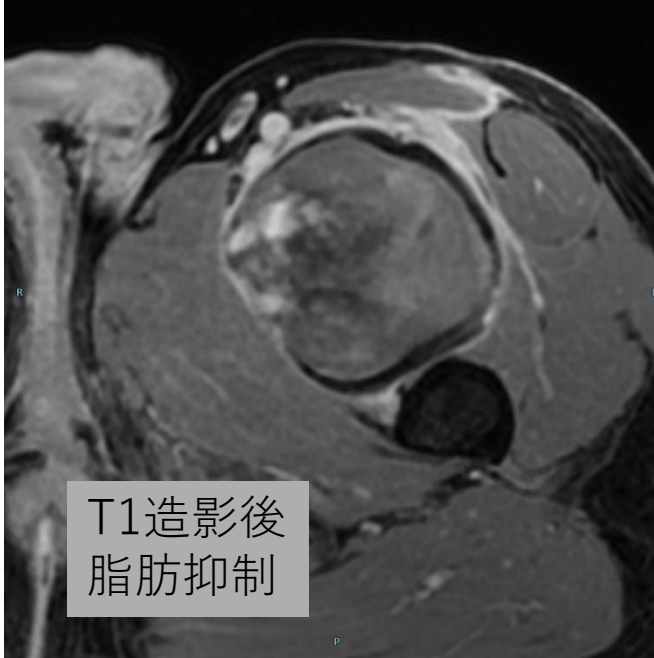
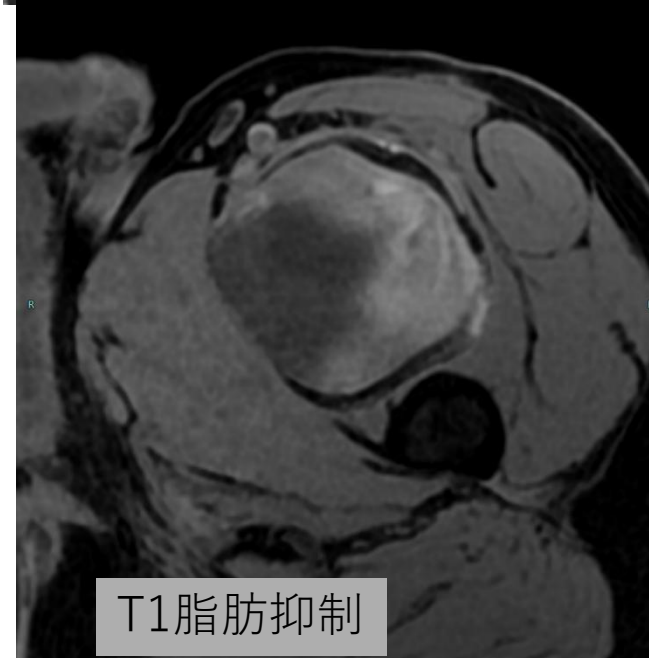
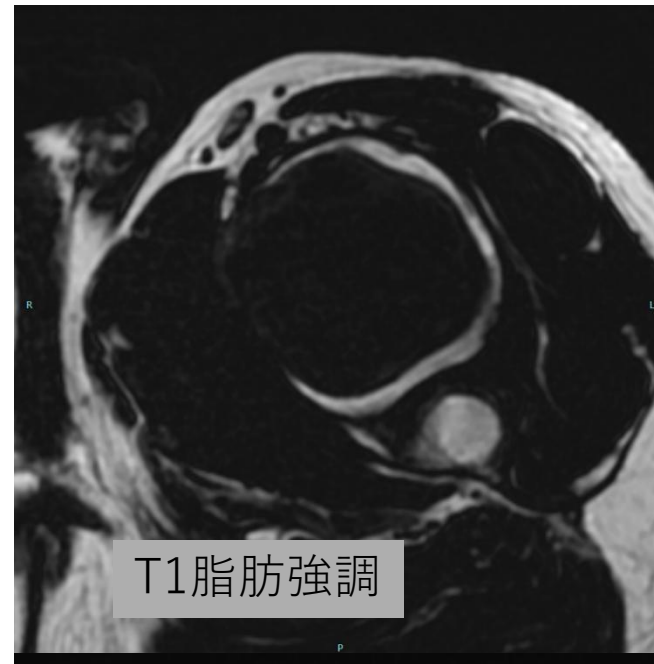
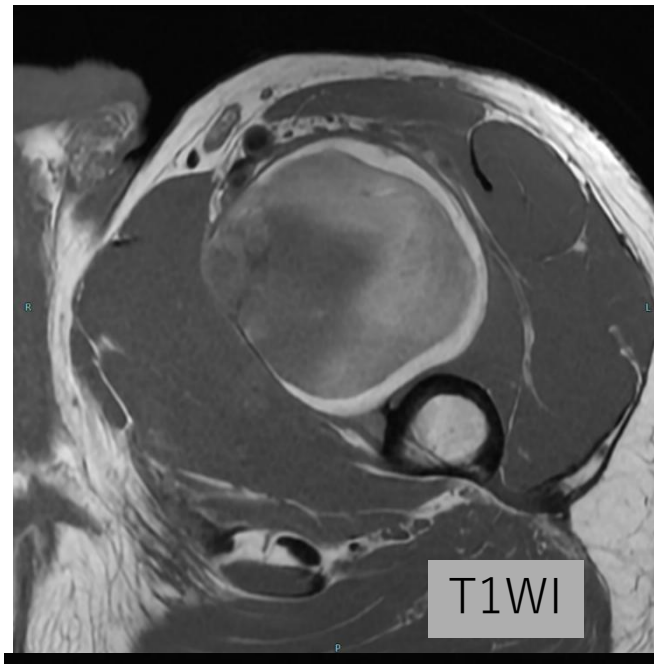
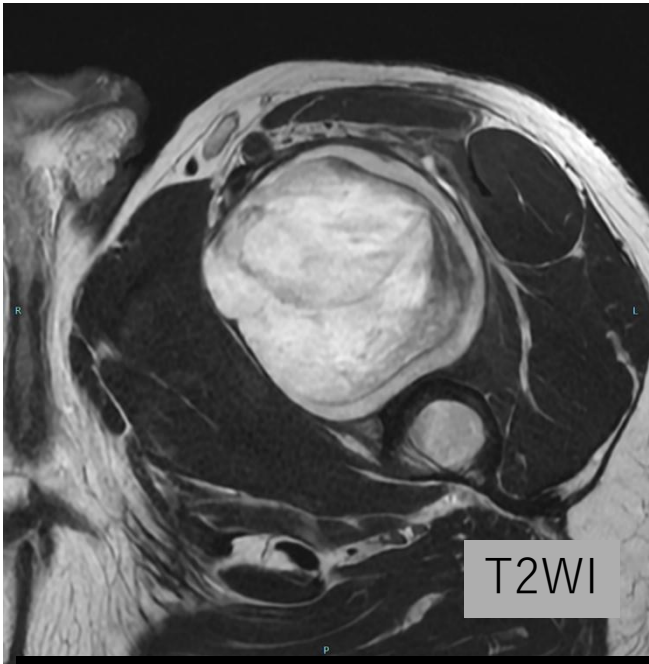
単純CT



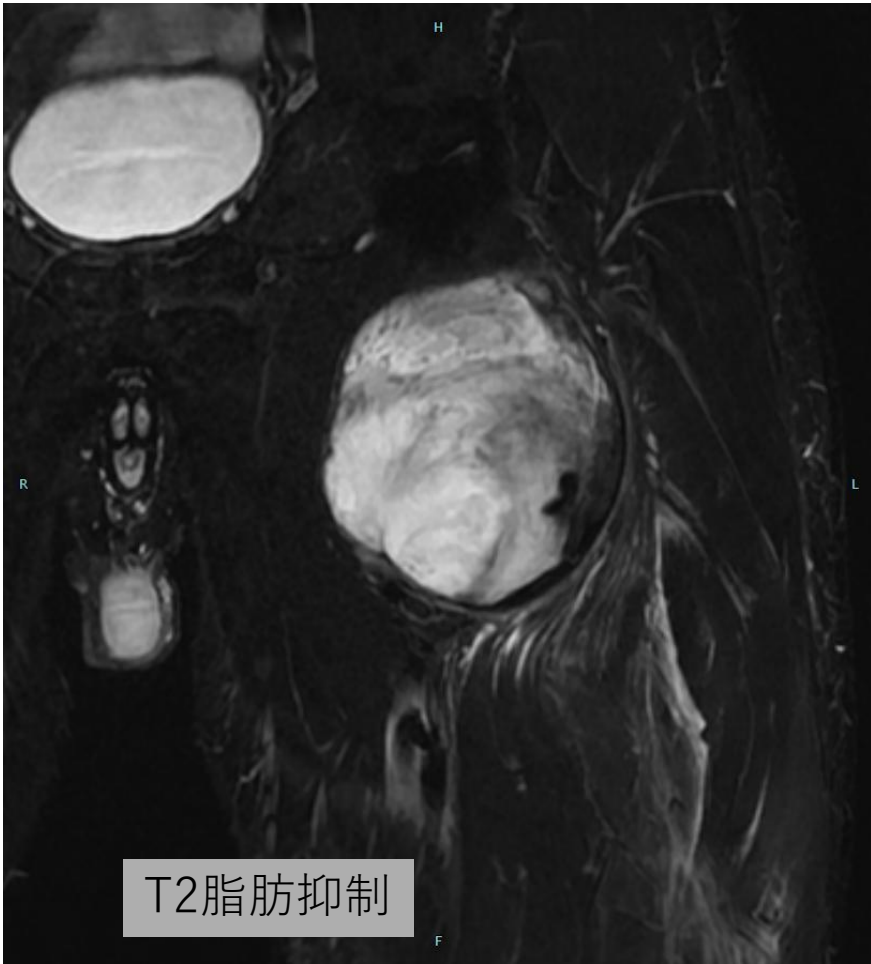
冠状断像

糸状断像

MRI横断像



MRI冠状断像



演題5: Ewing sarcoma of the lung showing peculiar intratumoral transformation

埼玉医科大学国際医療センター

演題5: Ewing sarcoma of the lung
showing peculiar intratumoral
transformation

症例 57歳 男性

【主訴】

胸部異常陰影

【現病歴】

健診の胸部単純X線で異常陰影を指摘され前医を受診し、CTで左肺下葉結節陰影を認め当科紹介となる。

【既往歴】

高血圧症，尿管結石，副甲状腺腺腫術後

【生活歴】

喫煙歴：15本/日×30年(20-50歳)

身体所見

身長 179cm, 体重 92.1kg

体温 36.4℃, 脈拍 64回/分

血圧 129/84mmHg

胸部：心音整, 心雑音なし

正常肺胞呼吸音

腹部：平坦・軟, 自発痛なし

圧痛なし

自覚症状なし

血液検査

WBC 6960 / μ l

RBC 4.74×10^6 / μ l

Hb 14.6 g/dl

Ht 42.4 %

Plt 195×10^3 / μ l

CRP 0.026 mg/dl

AST 12 U/l

ALT 12 U/l

BUN 10.7 mg/dl

Cr 0.88 mg/dl

Na 145 mEq/ l

K 4.3 mEq/ l

CEA 1.0 ng/ml

呼吸機能検査

FVC 5.2 L (116.7 %)

FEV1.0 4.19L (110.2%)

12誘導心電図

HR 68 /min

洞調律

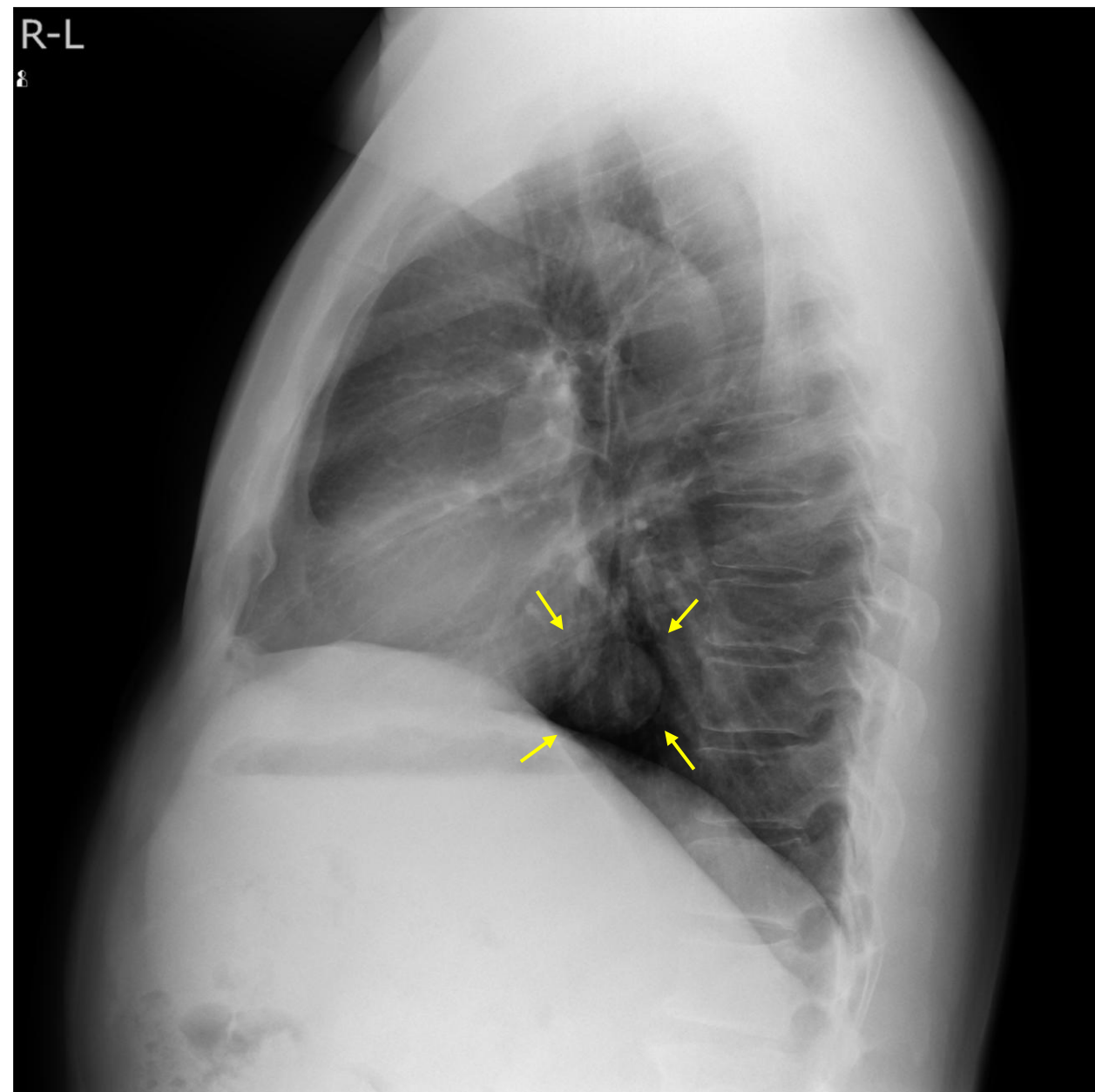
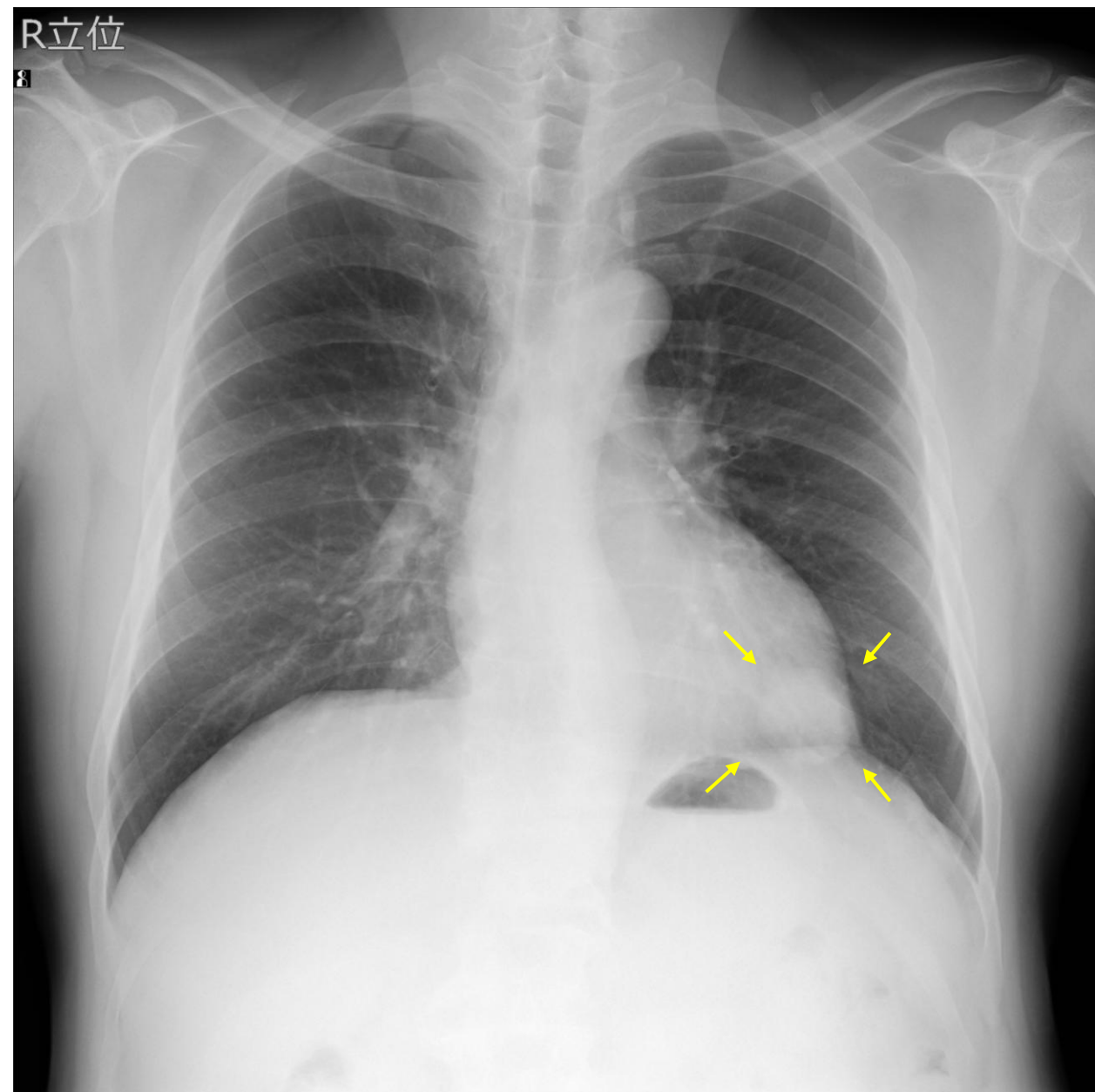
心エコー

左室壁運動異常なし

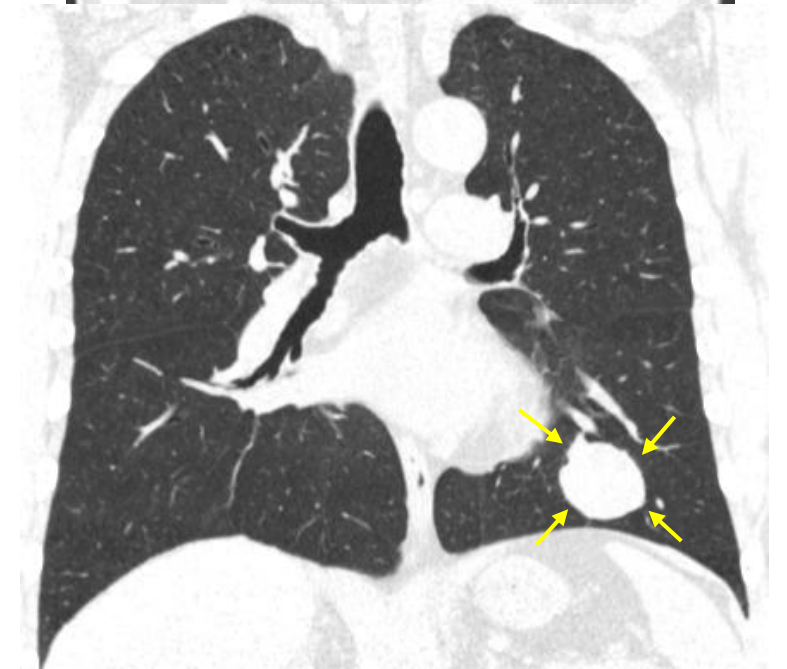
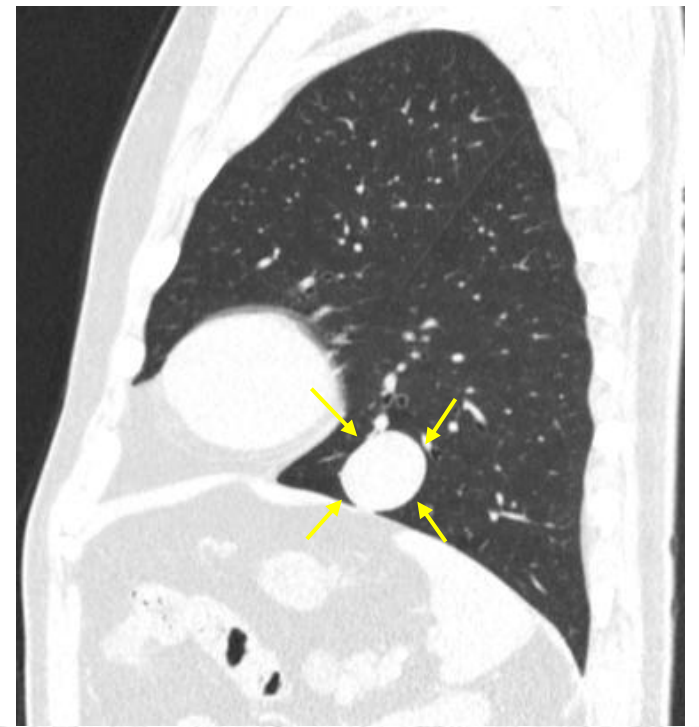
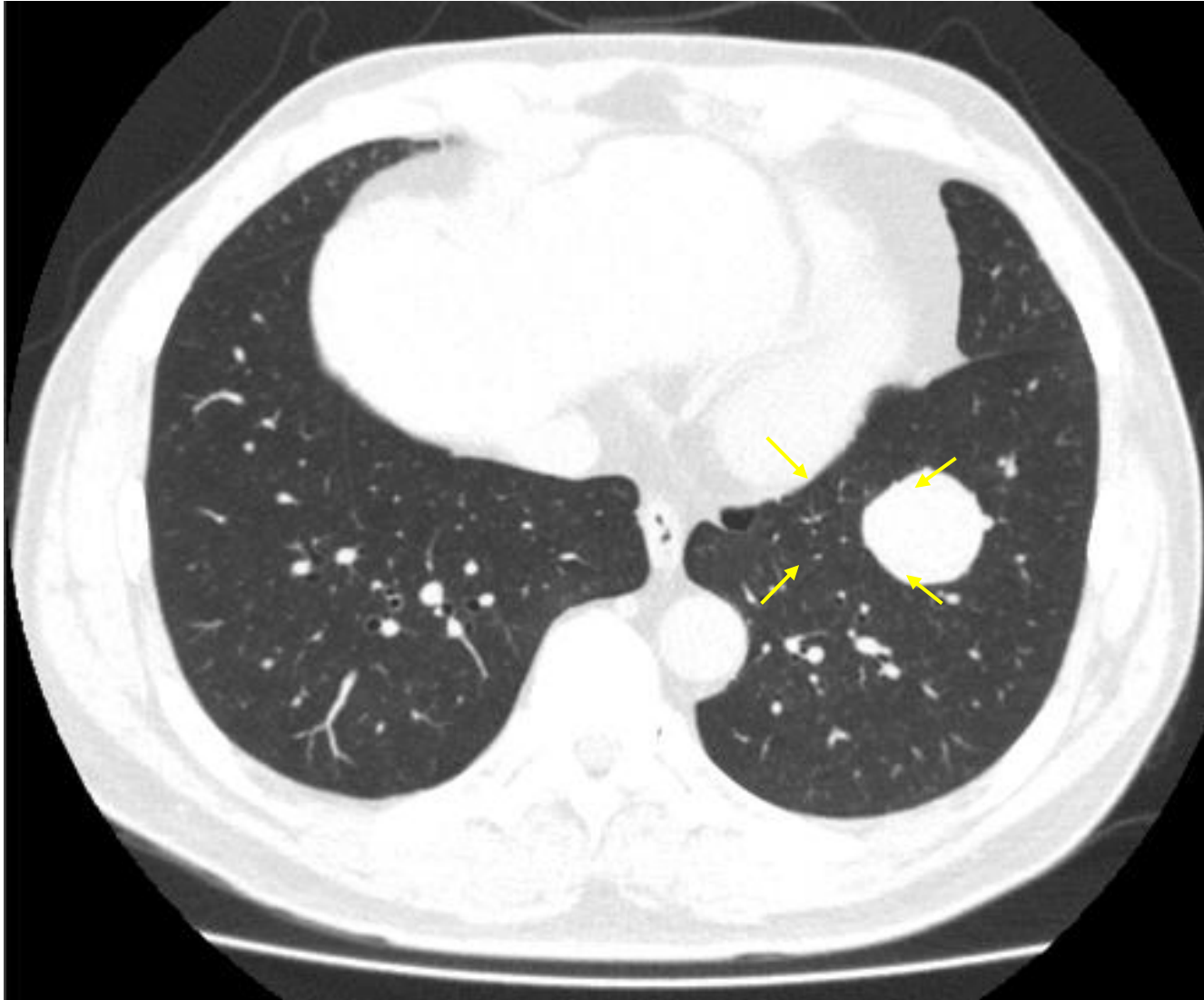
EF 69 %

弁膜症なし

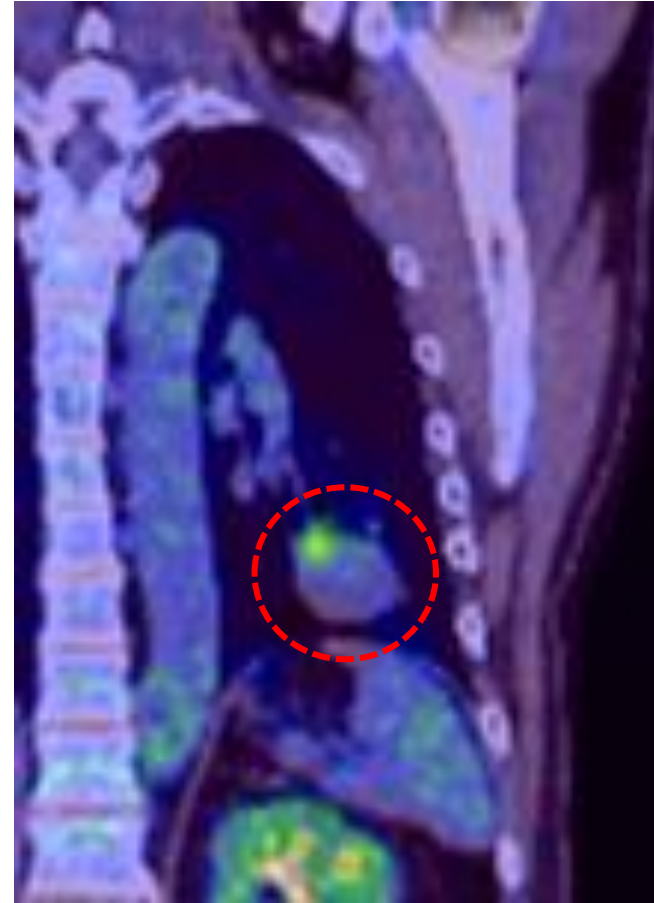
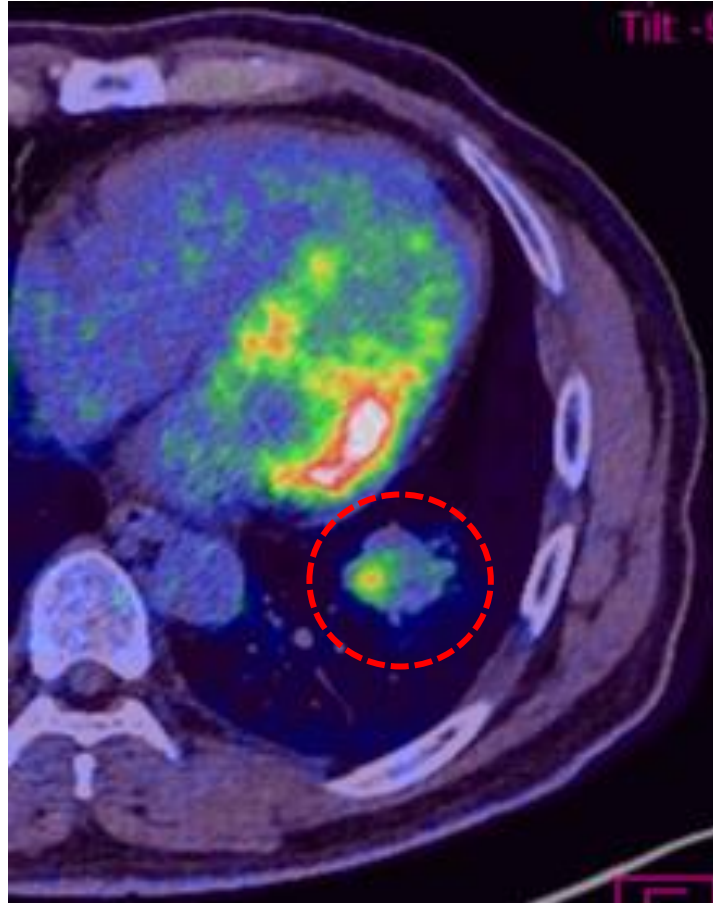
胸部單純 X 線



CT

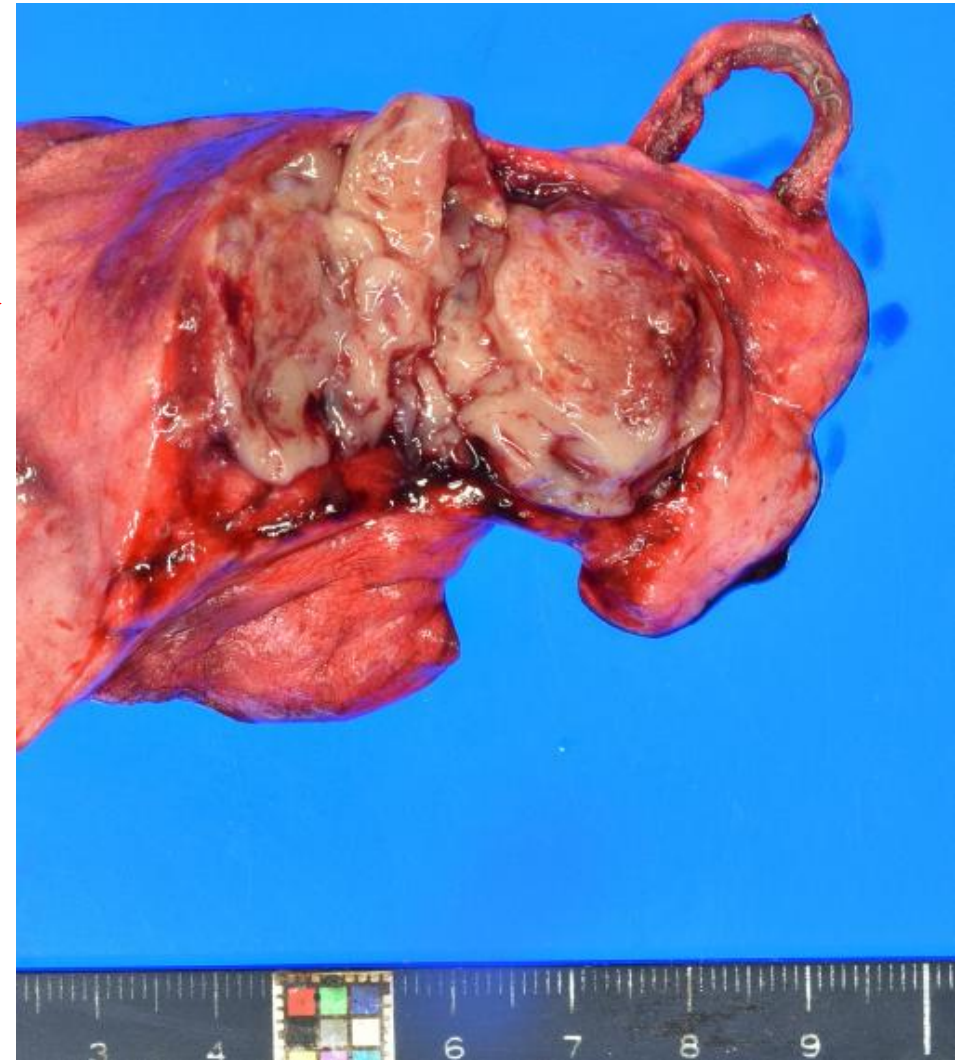
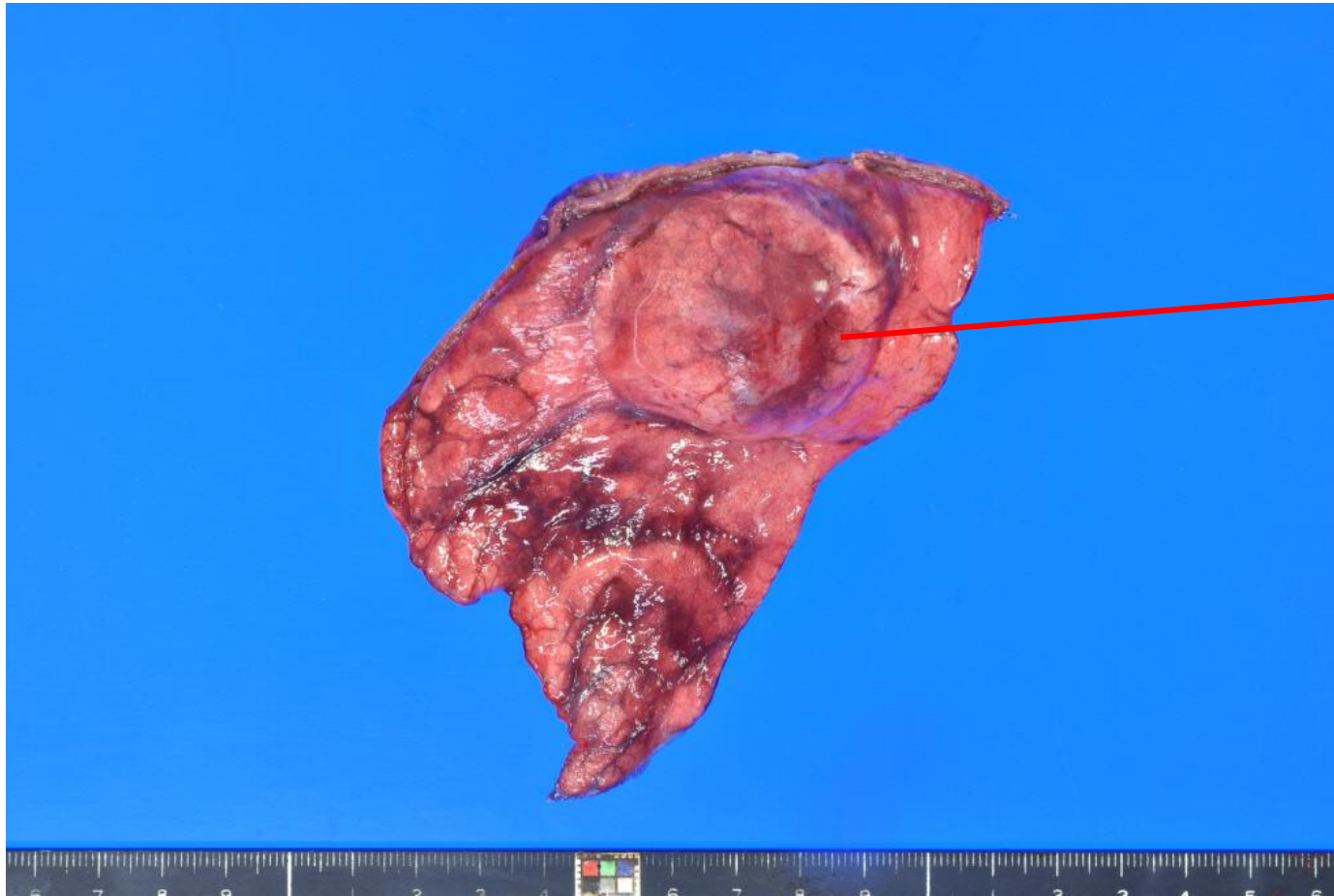


PET-CT

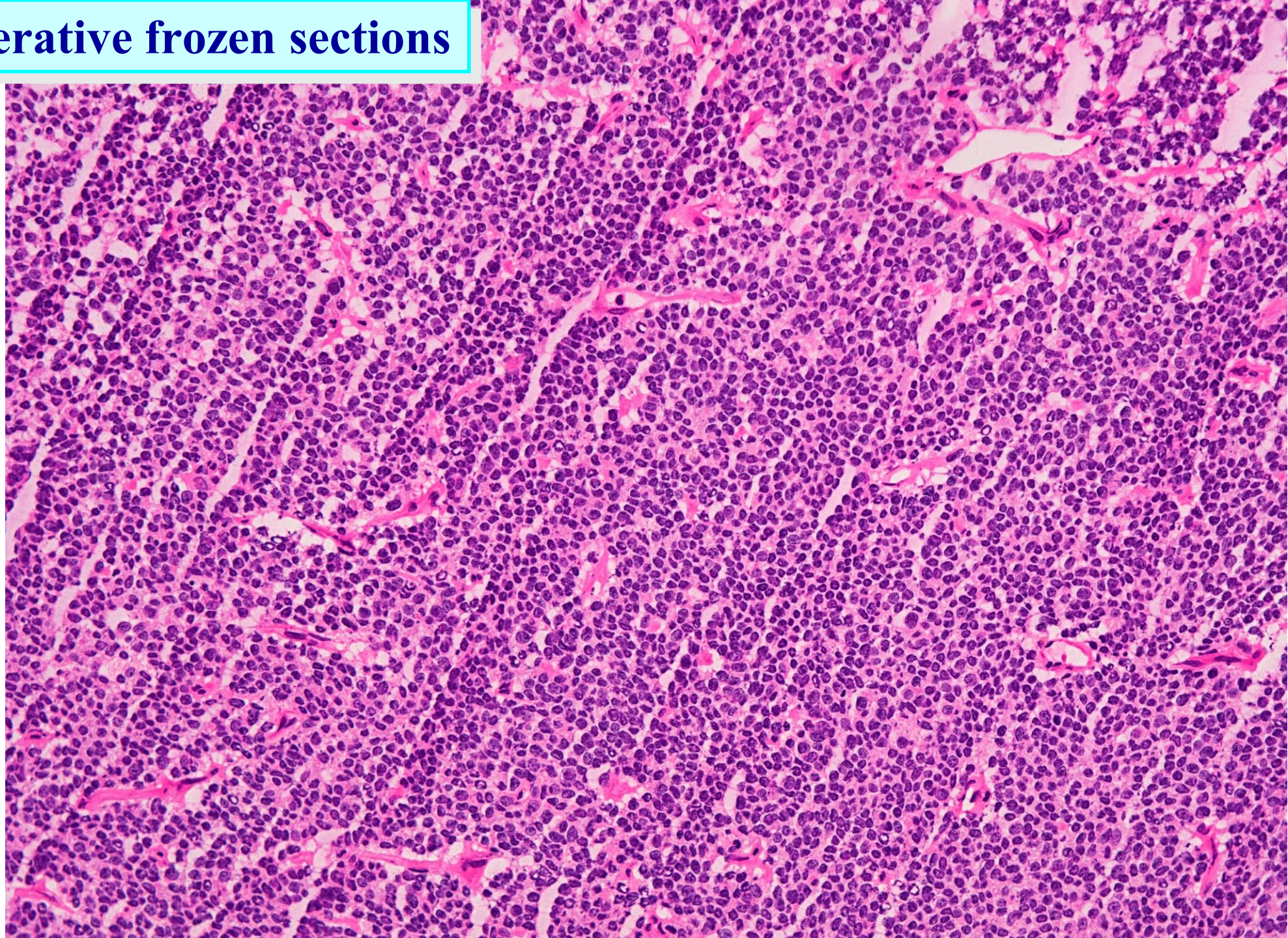


術前診断：
原発性肺癌やカルチノイドを疑い
(cT2aN0M0 stage I B)

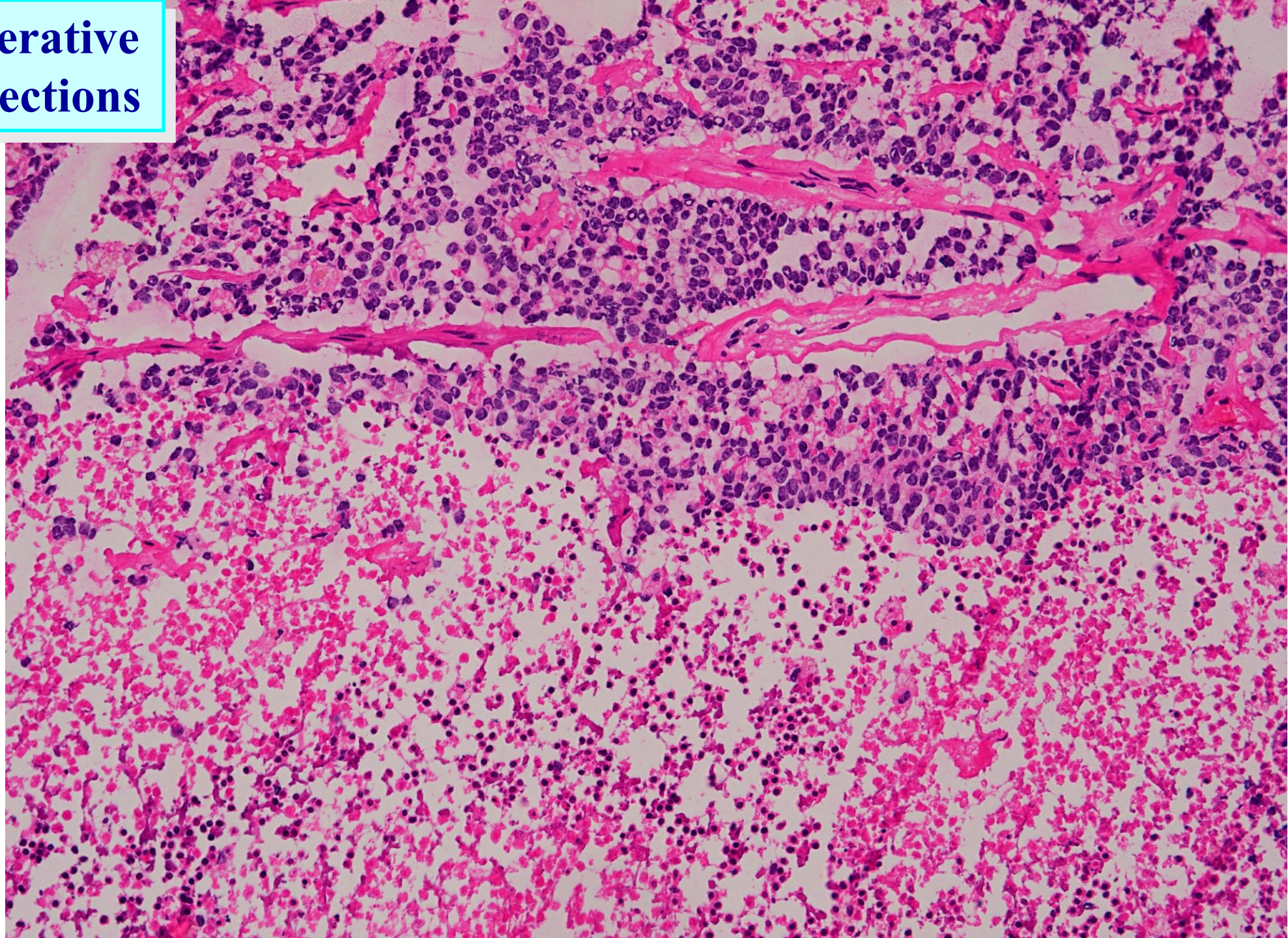
左下葉部分切除 術中迅速診断：悪性；異型カルチノイド疑い
→ 左下葉底区切除 + ND2a-1

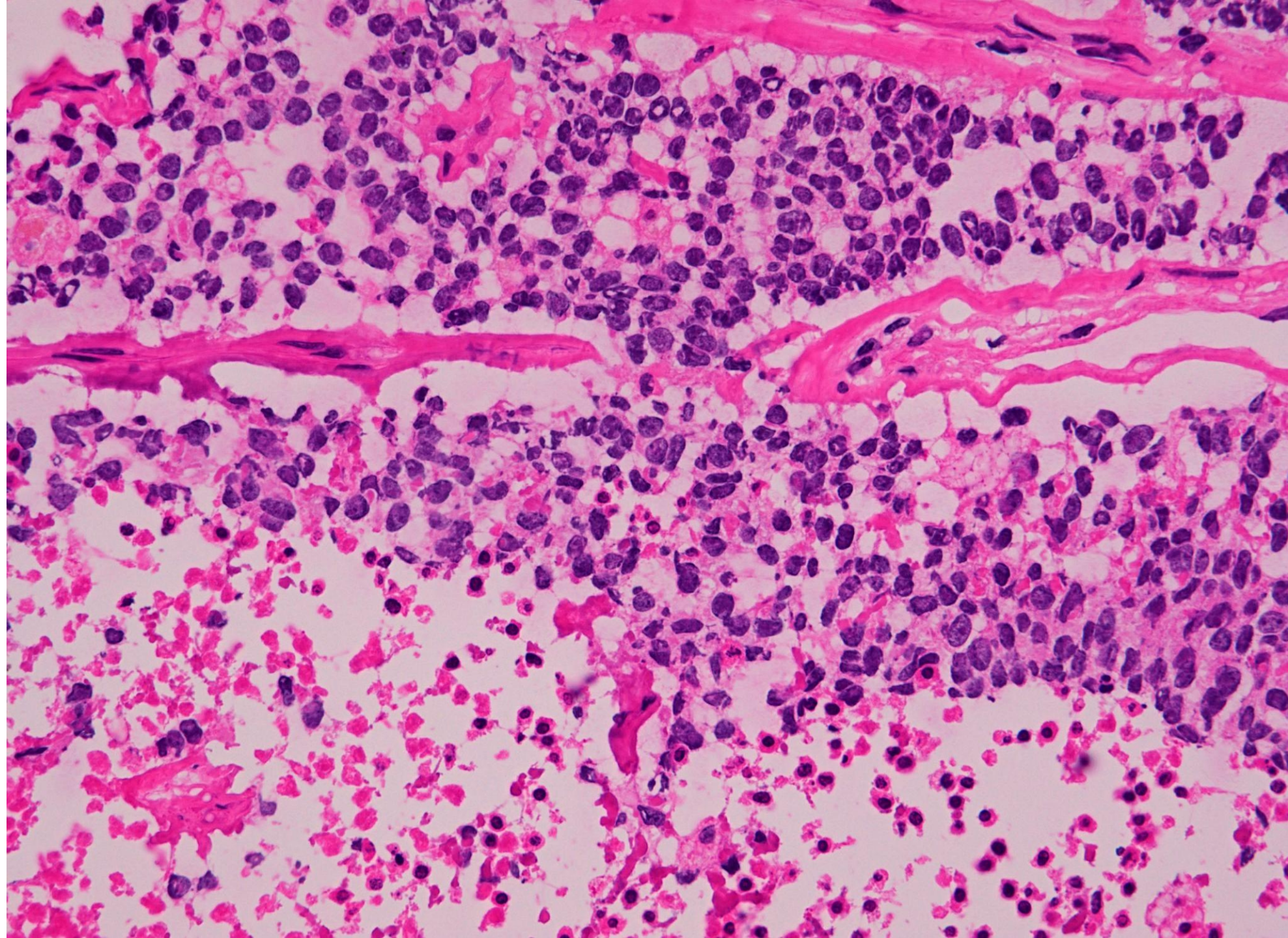


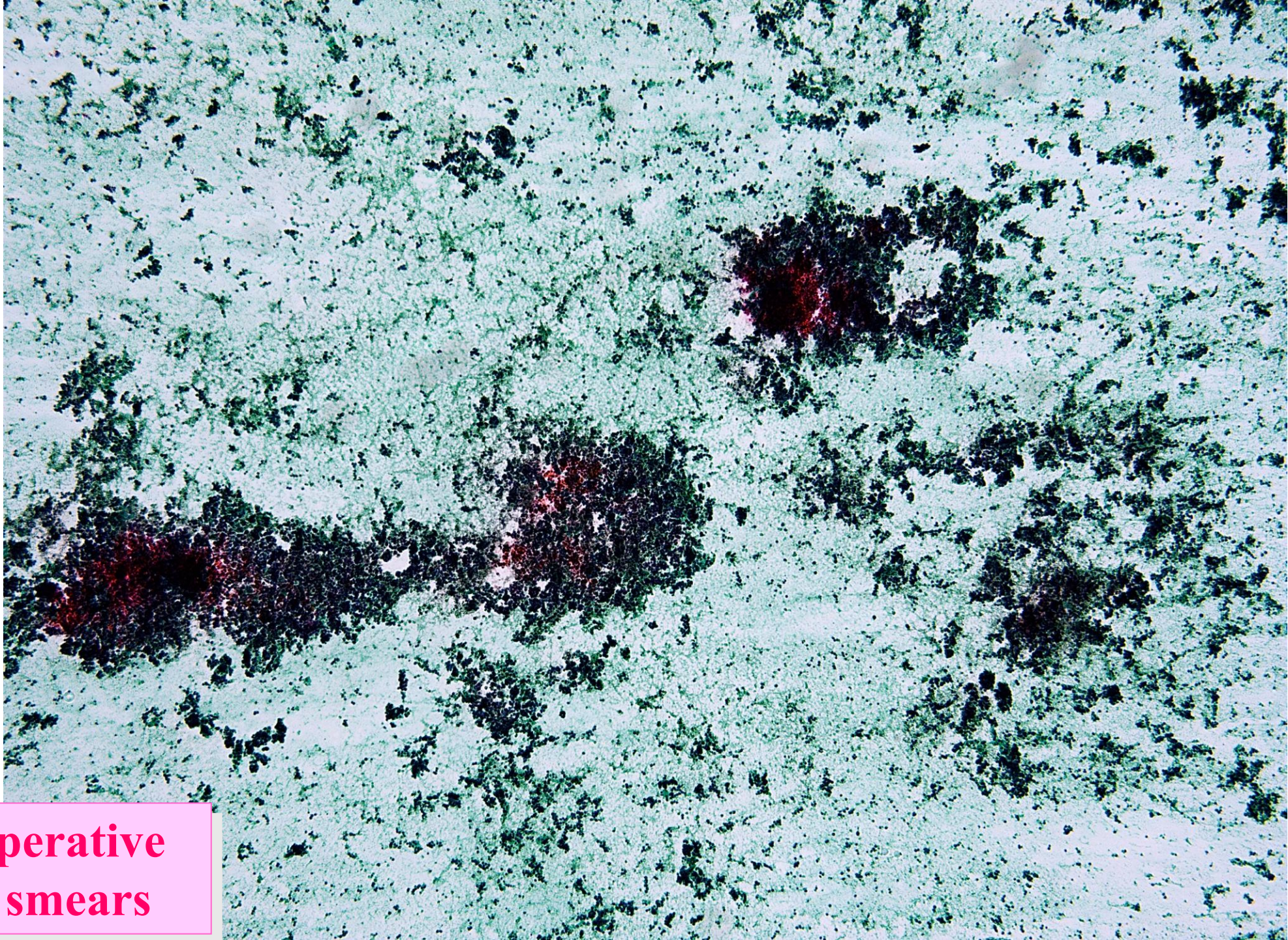
Intraoperative frozen sections



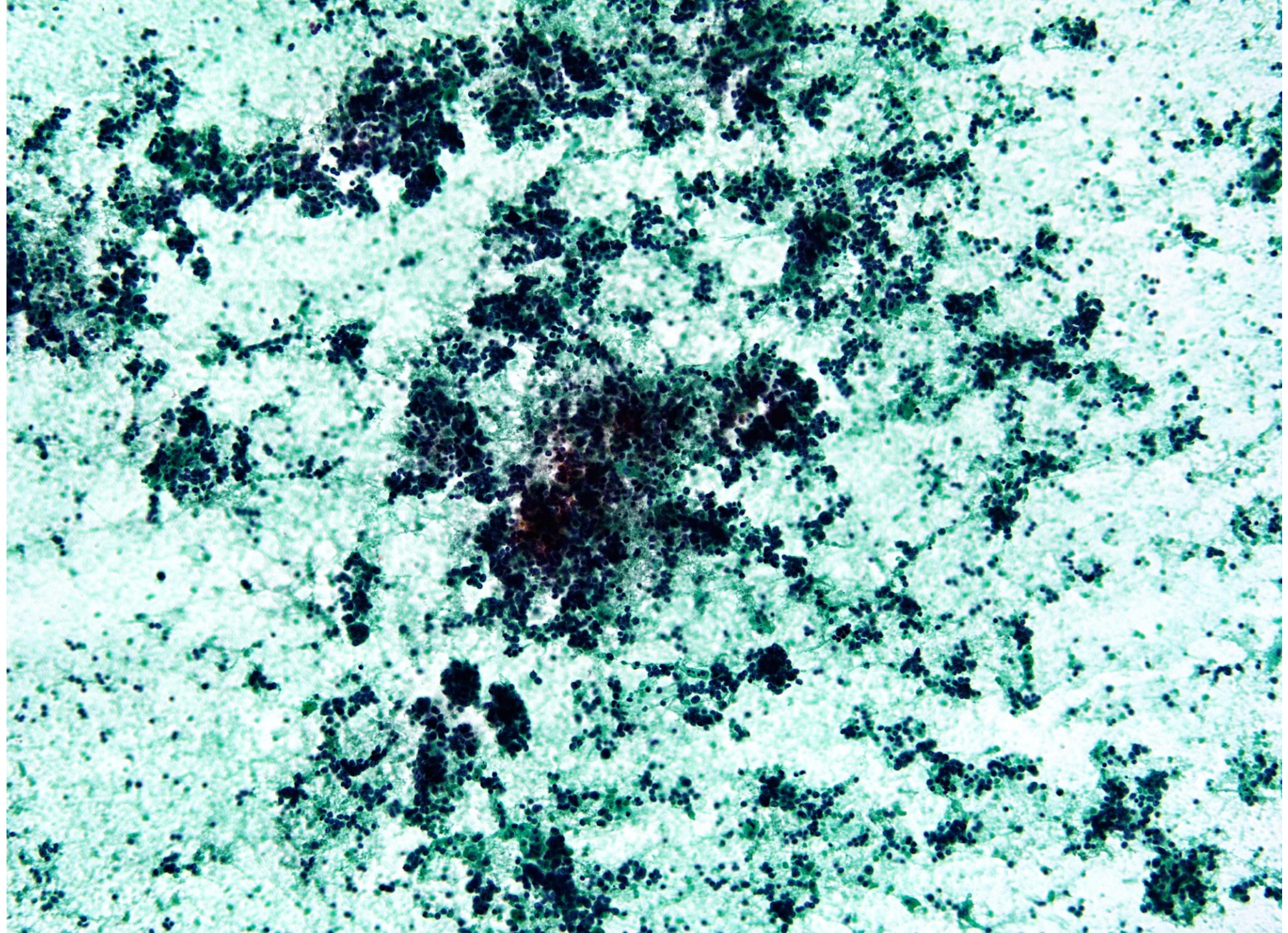
Intraoperative frozen sections

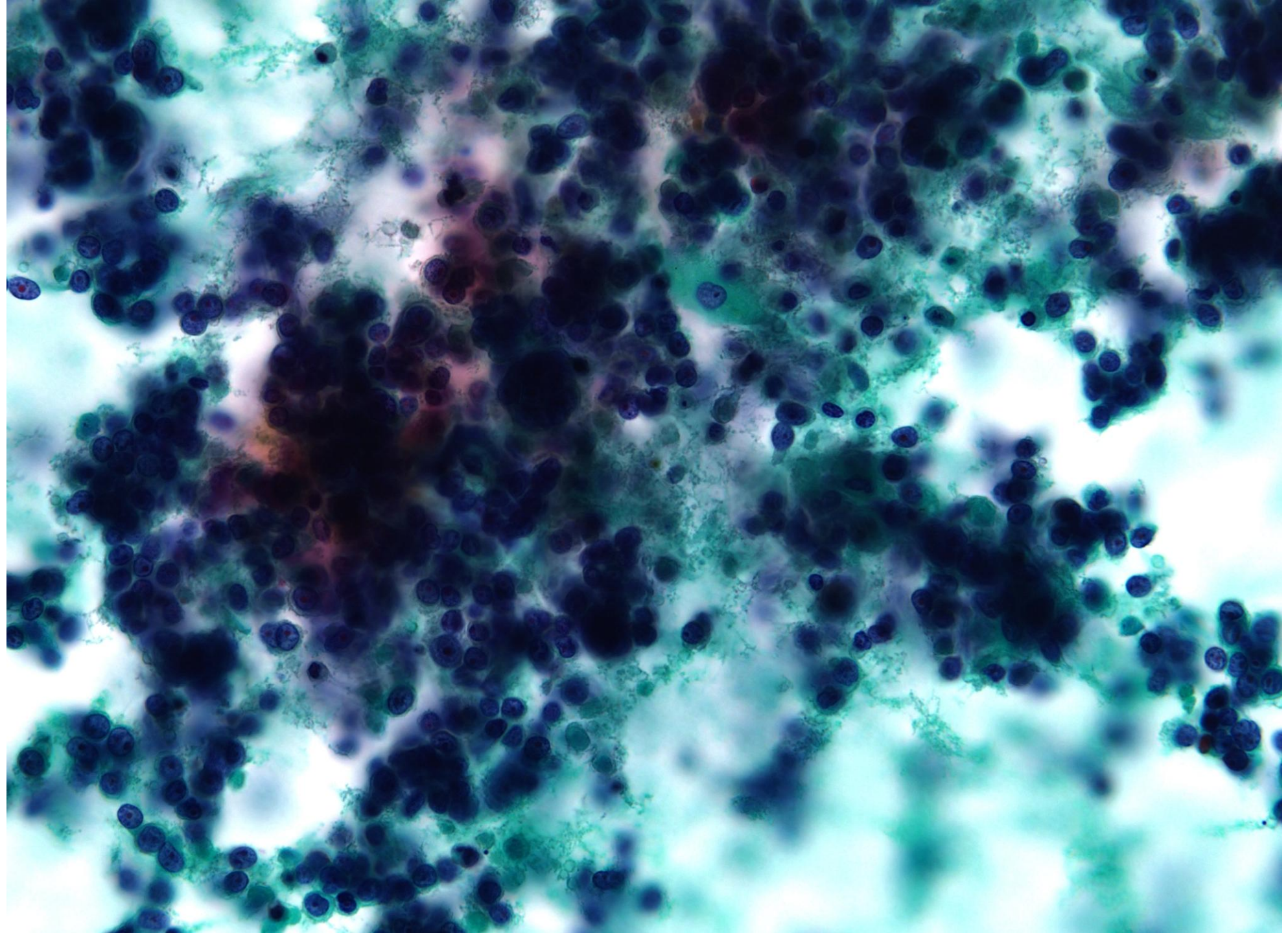


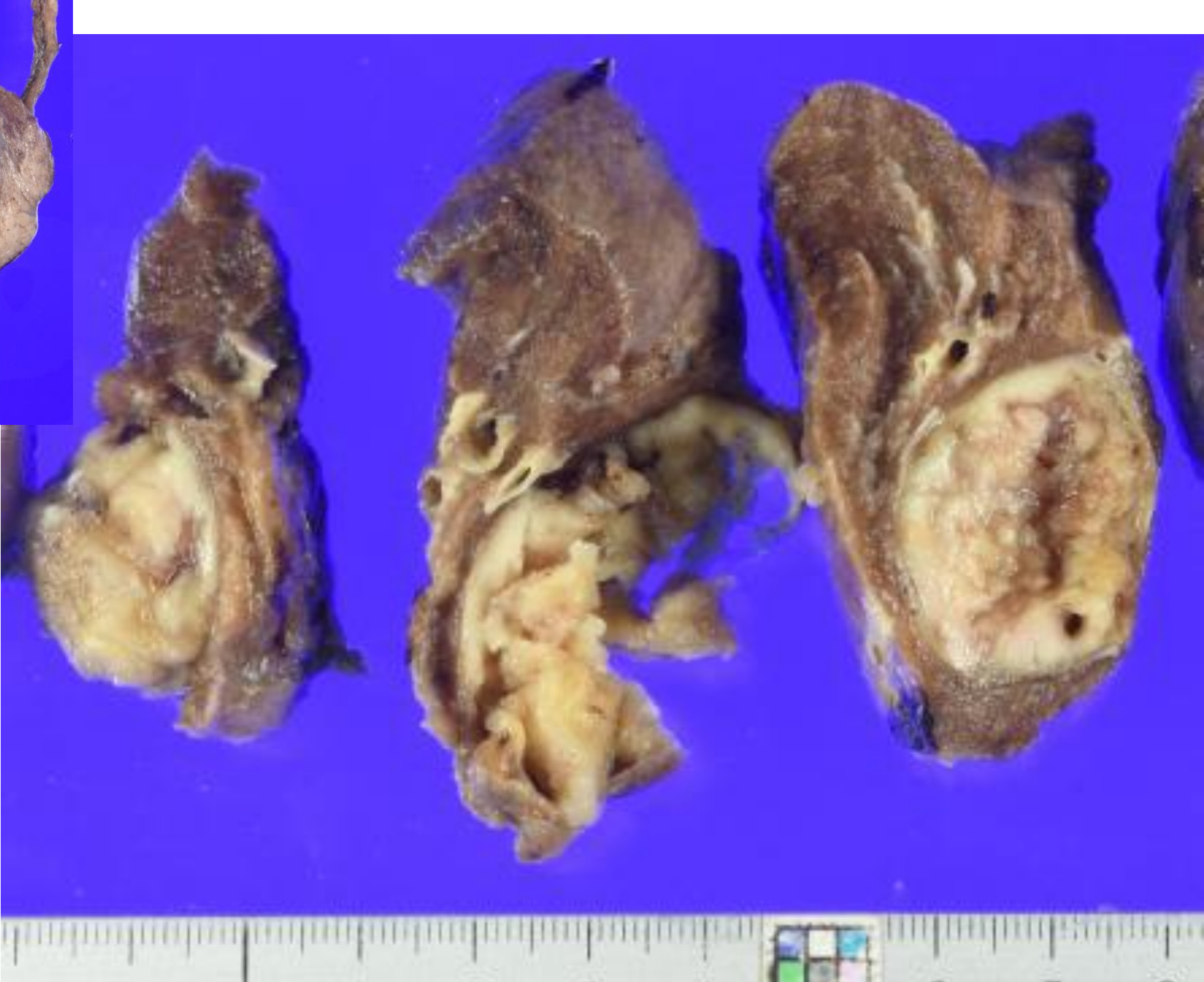


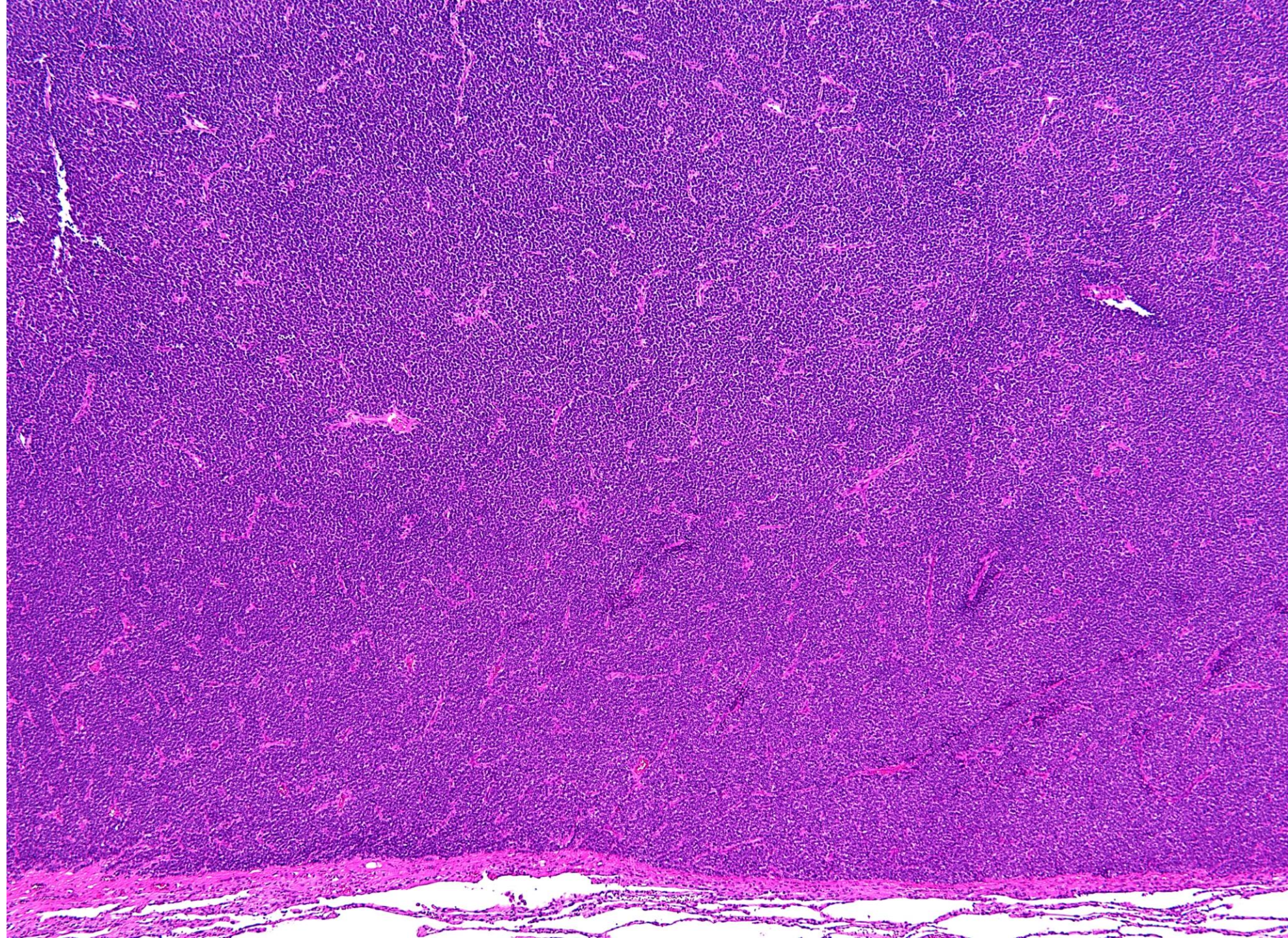


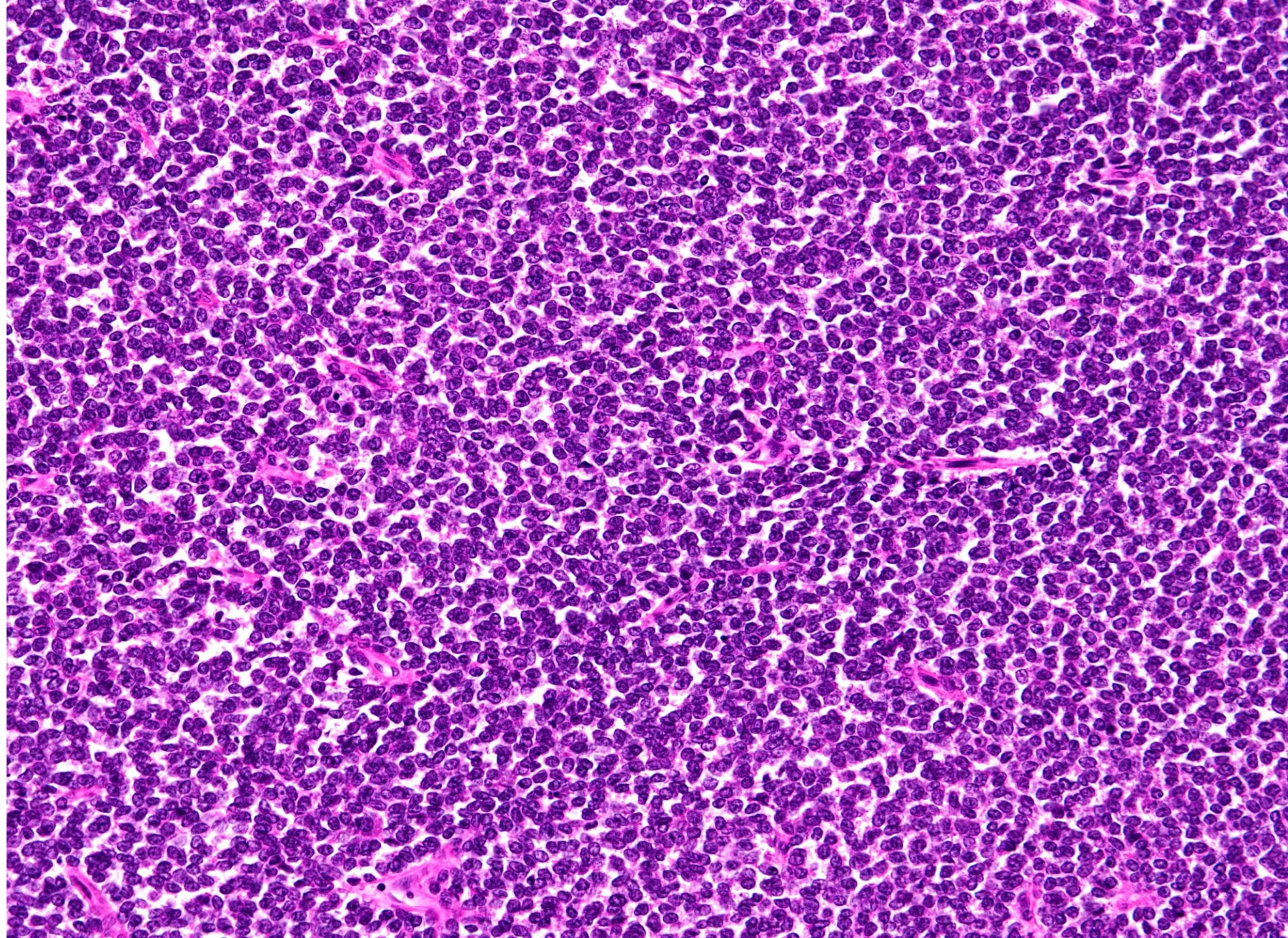
**Intraoperative
touch smears**

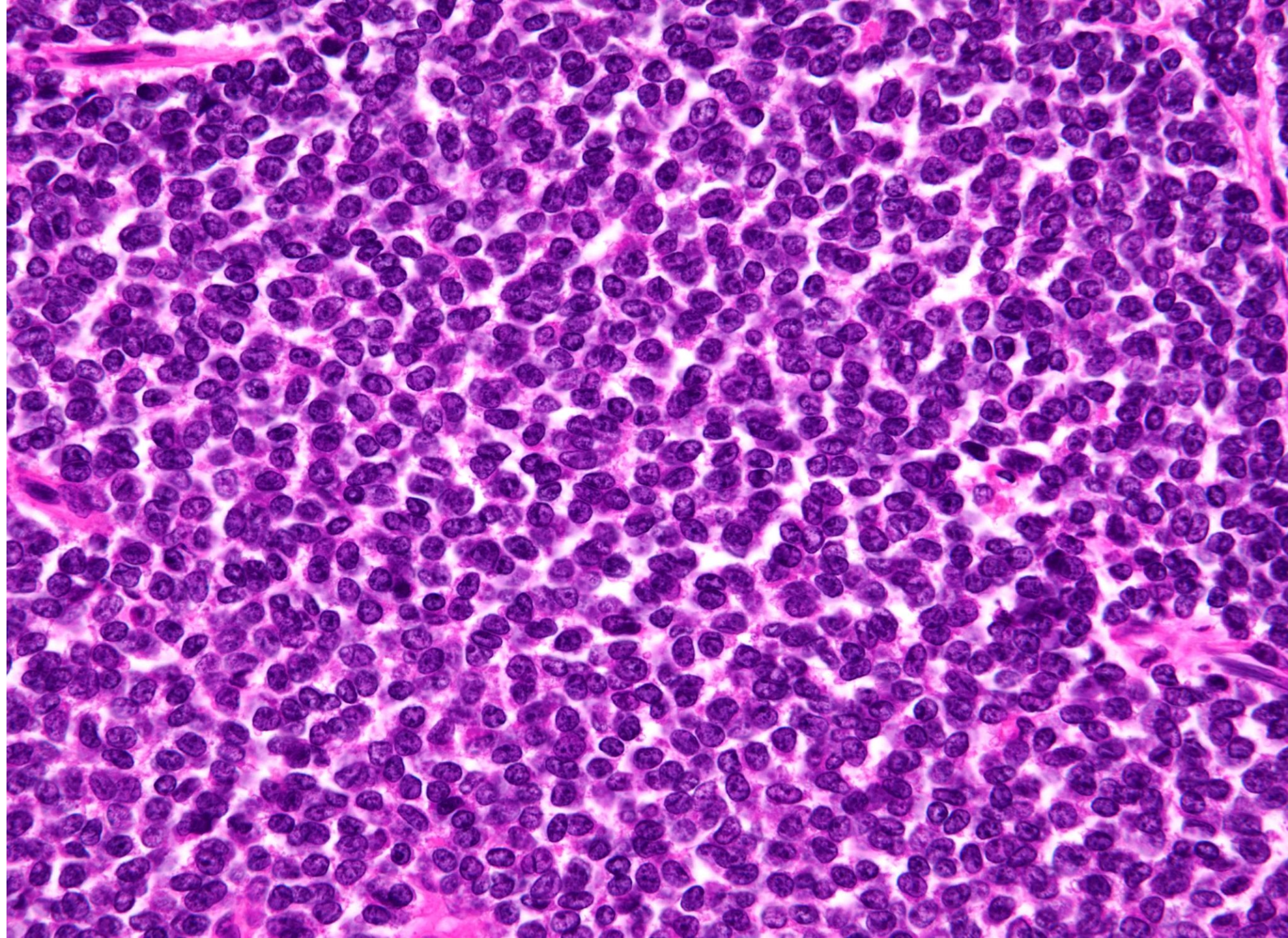


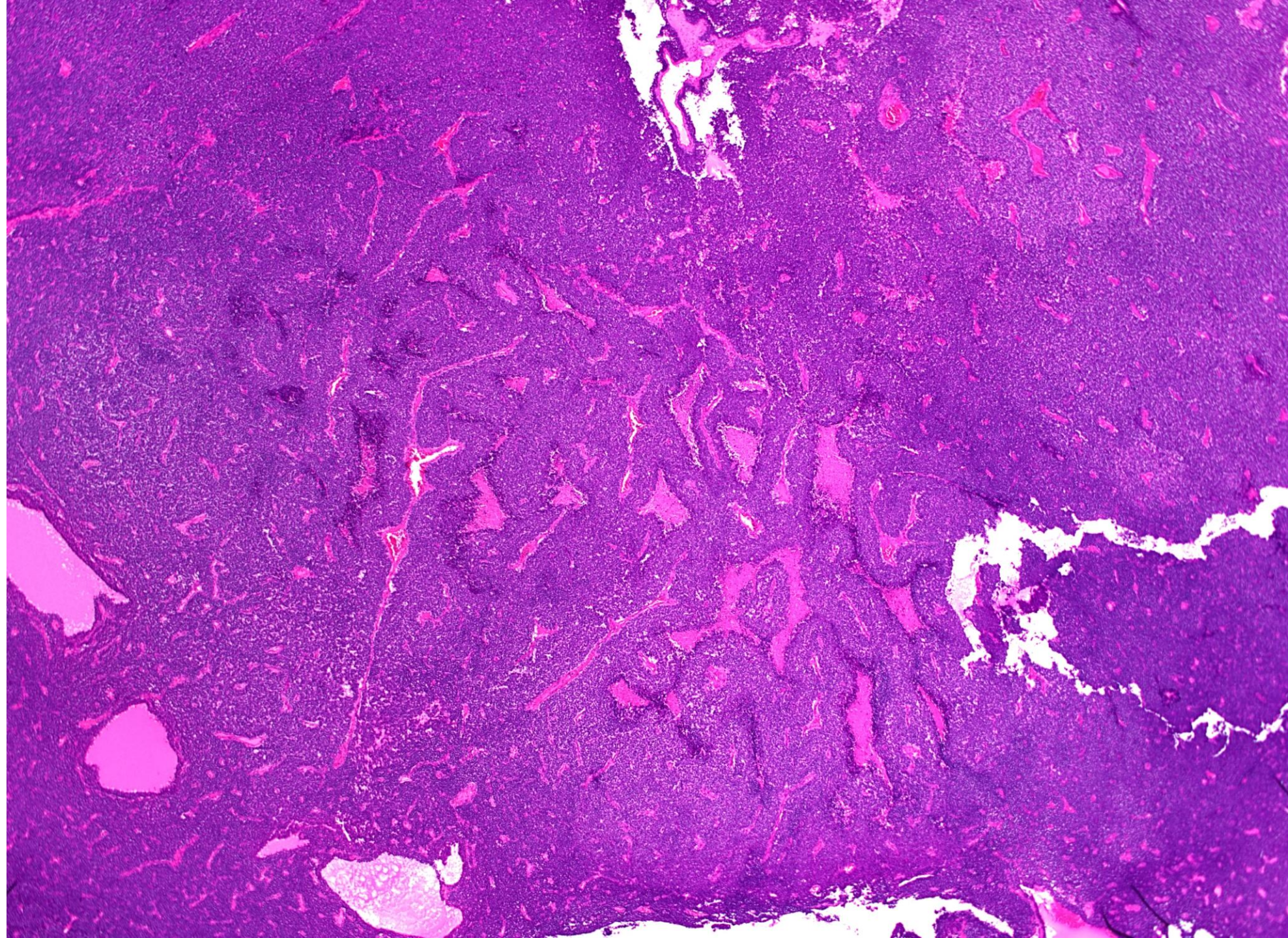


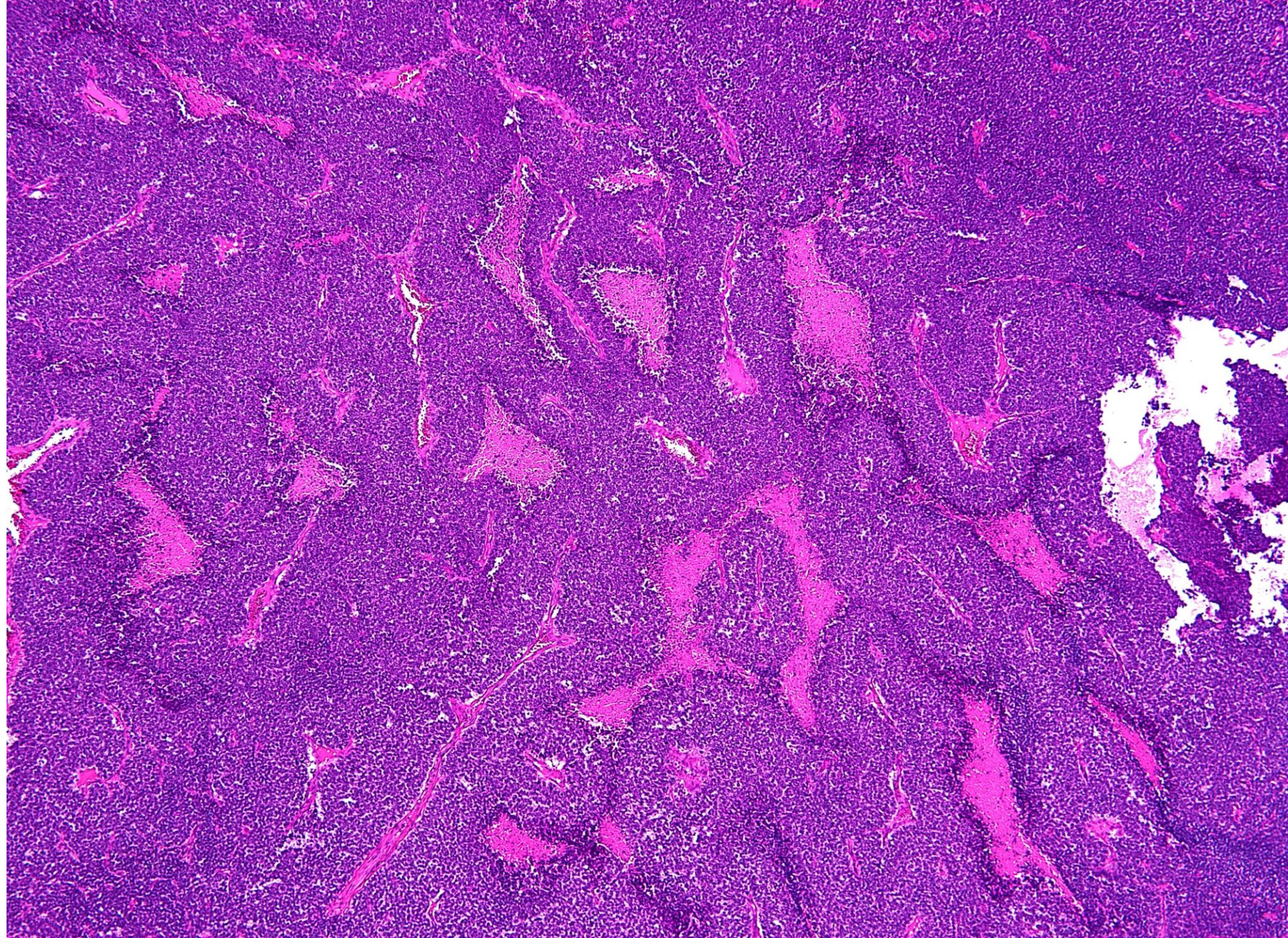


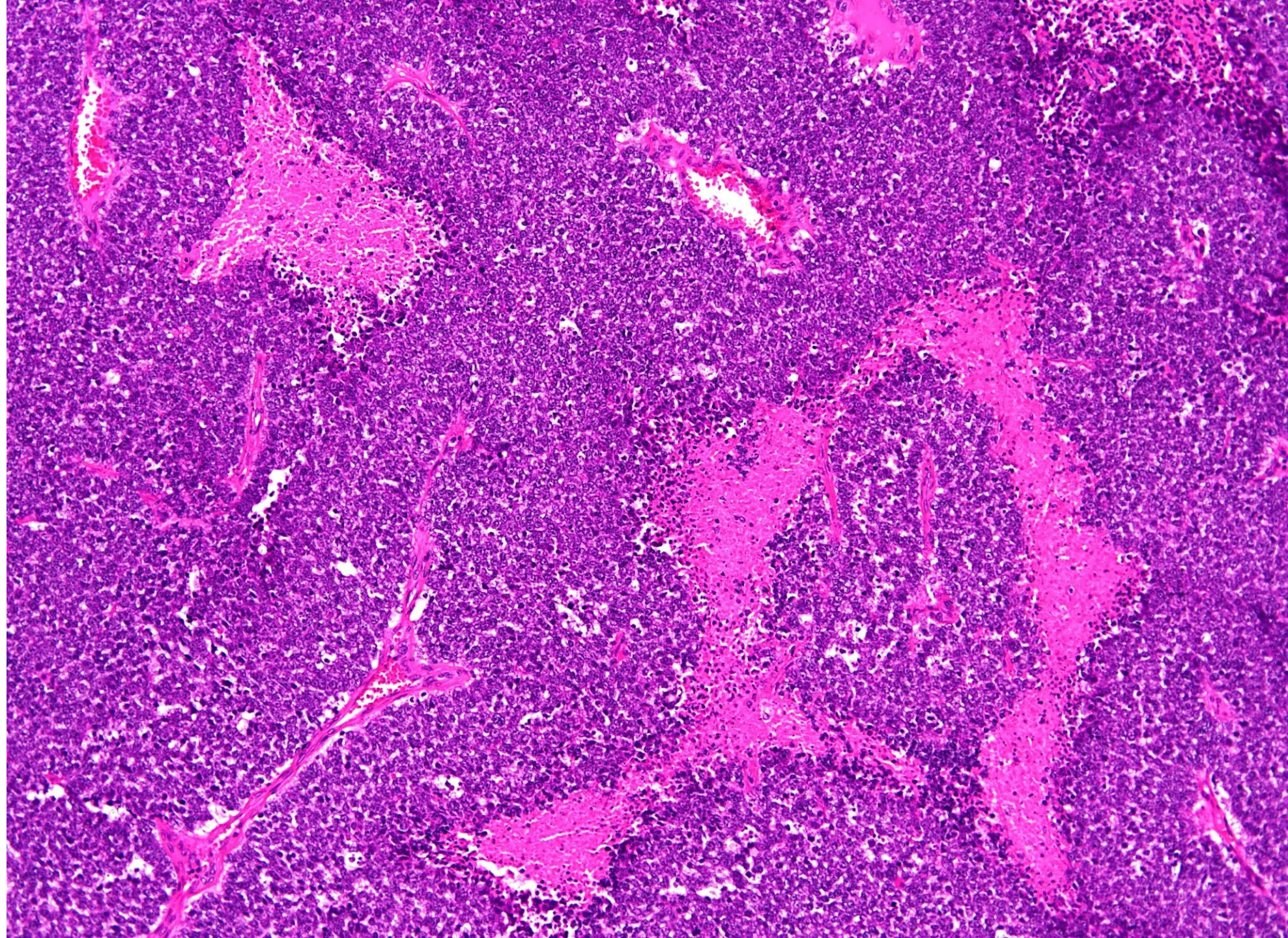


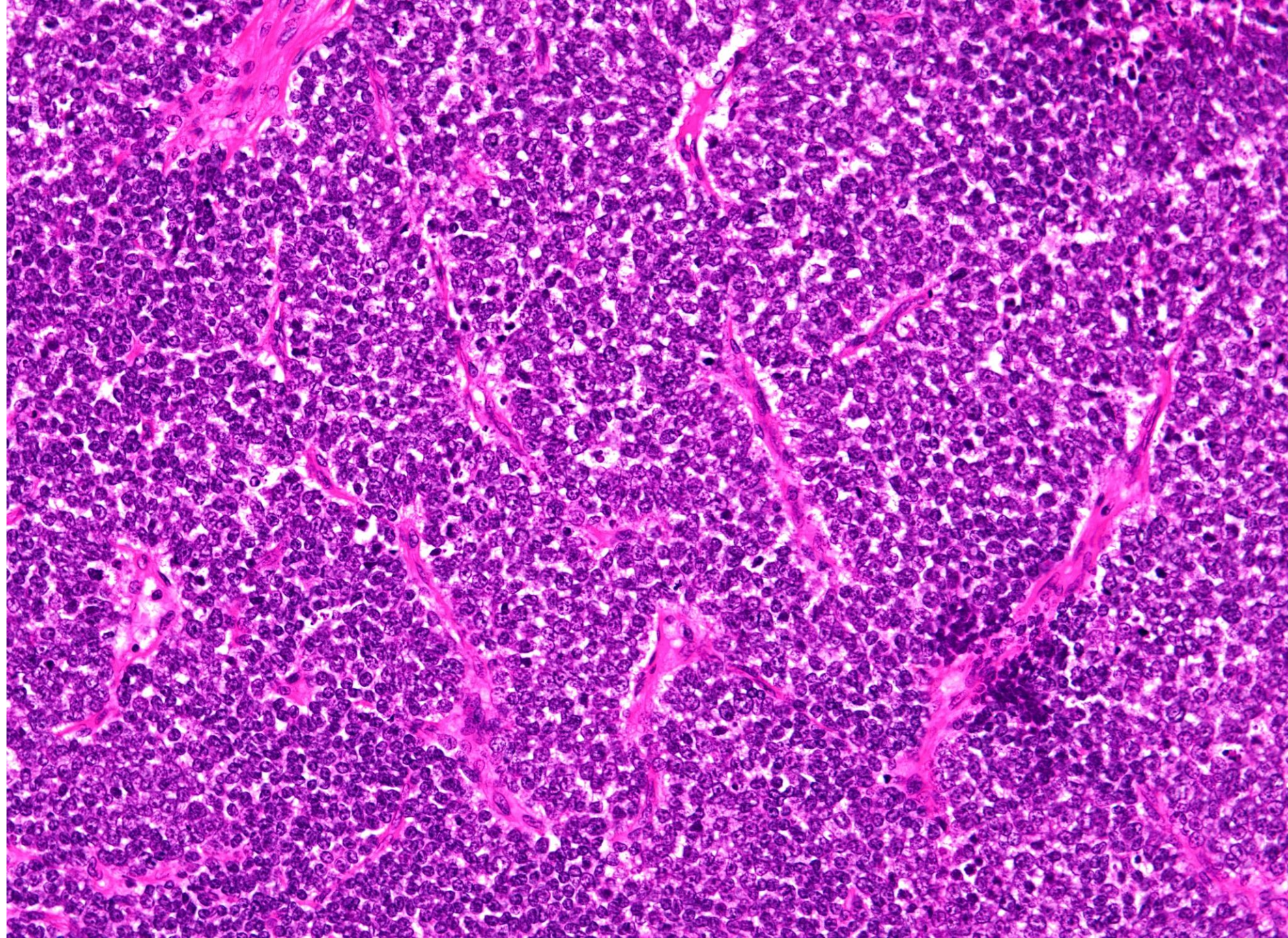


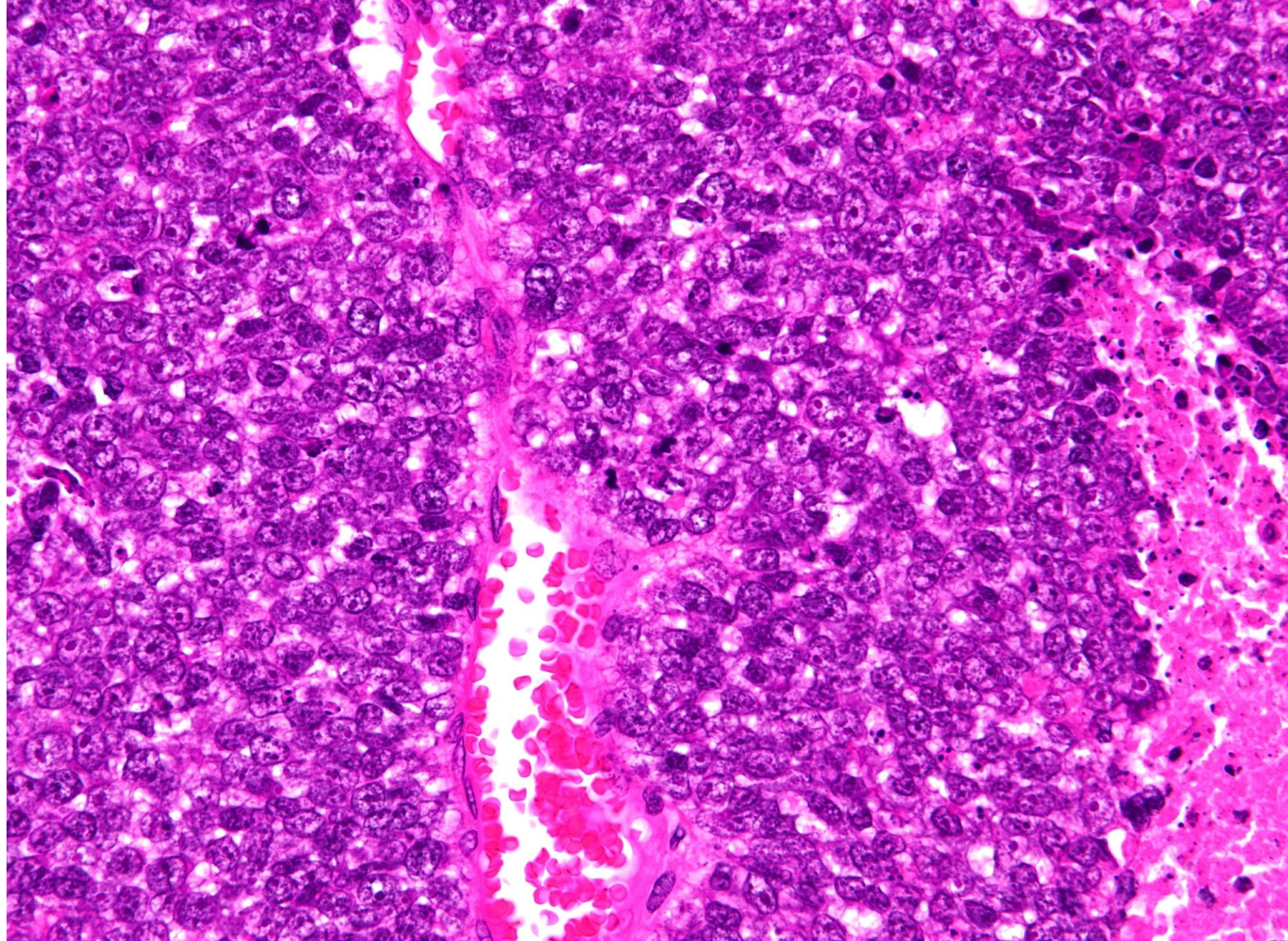


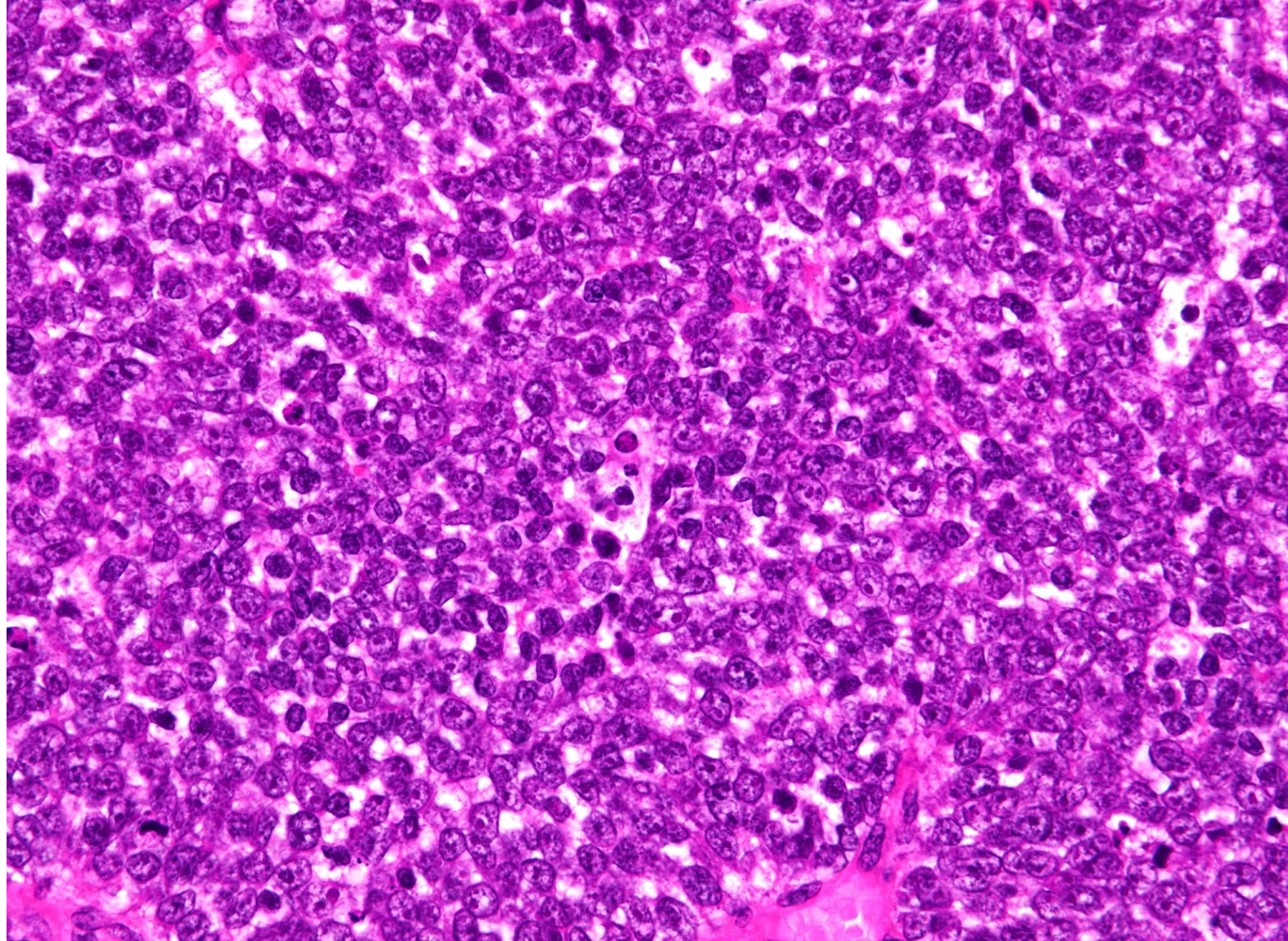




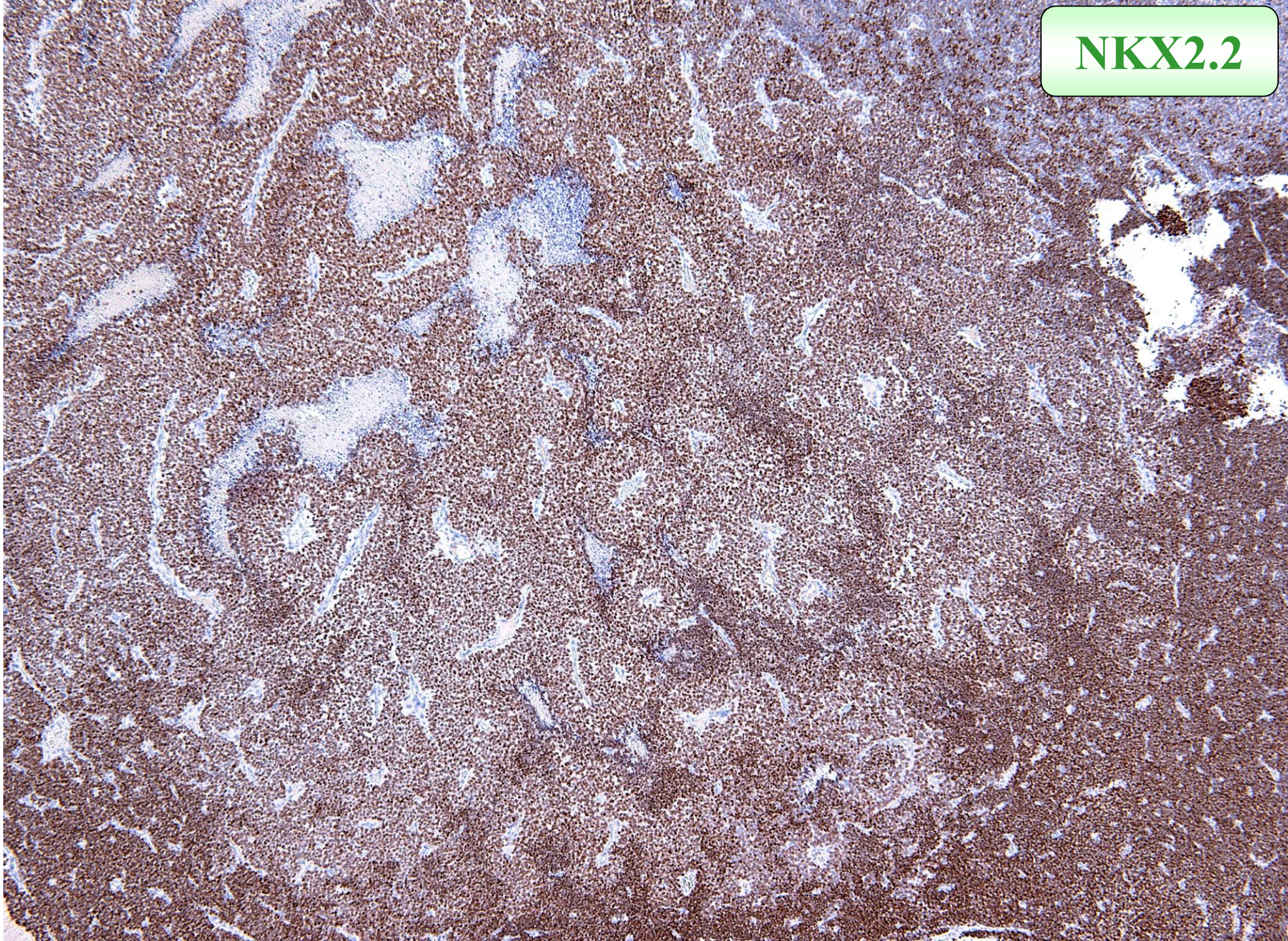




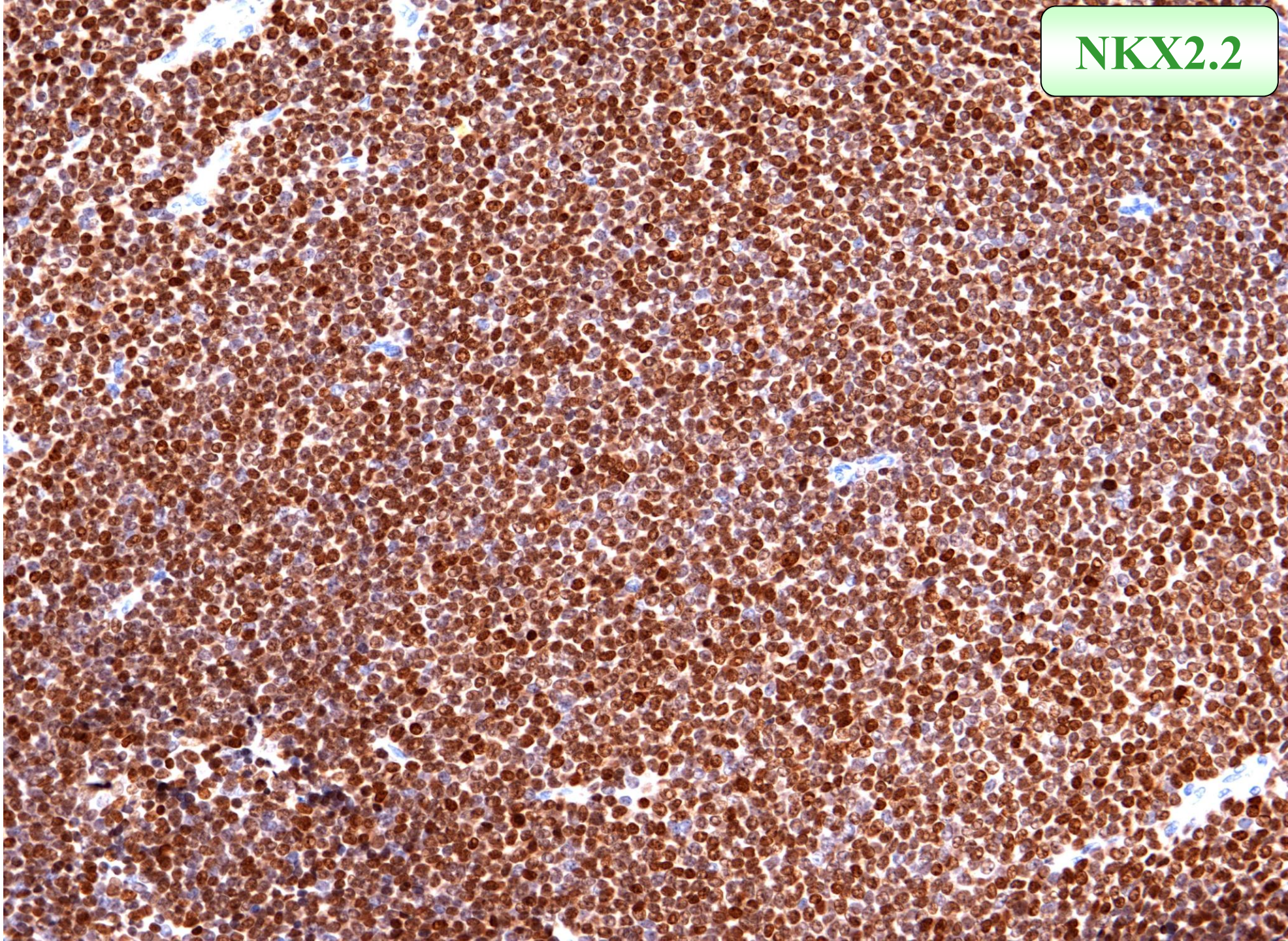




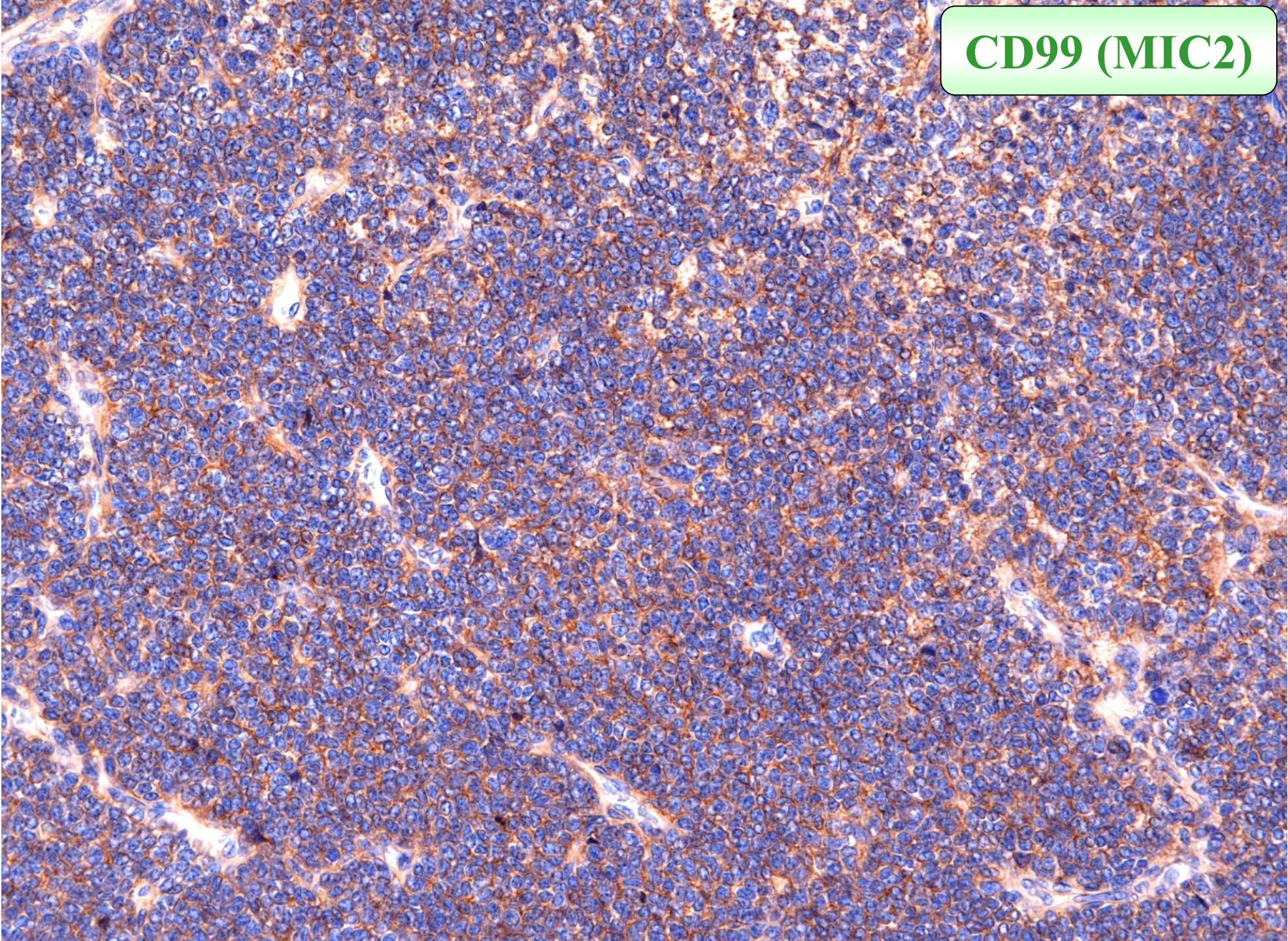
NKX2.2



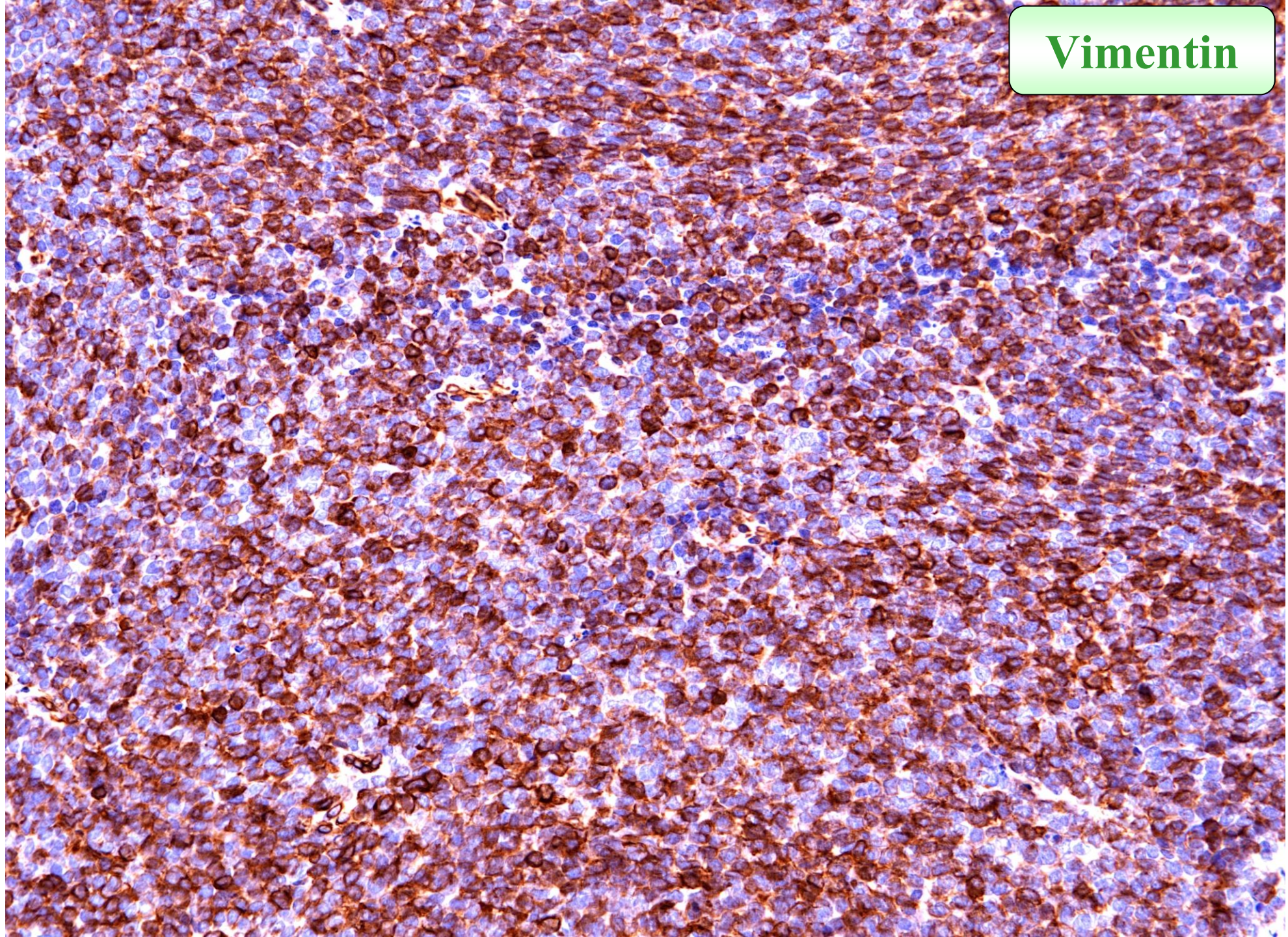
NKX2.2



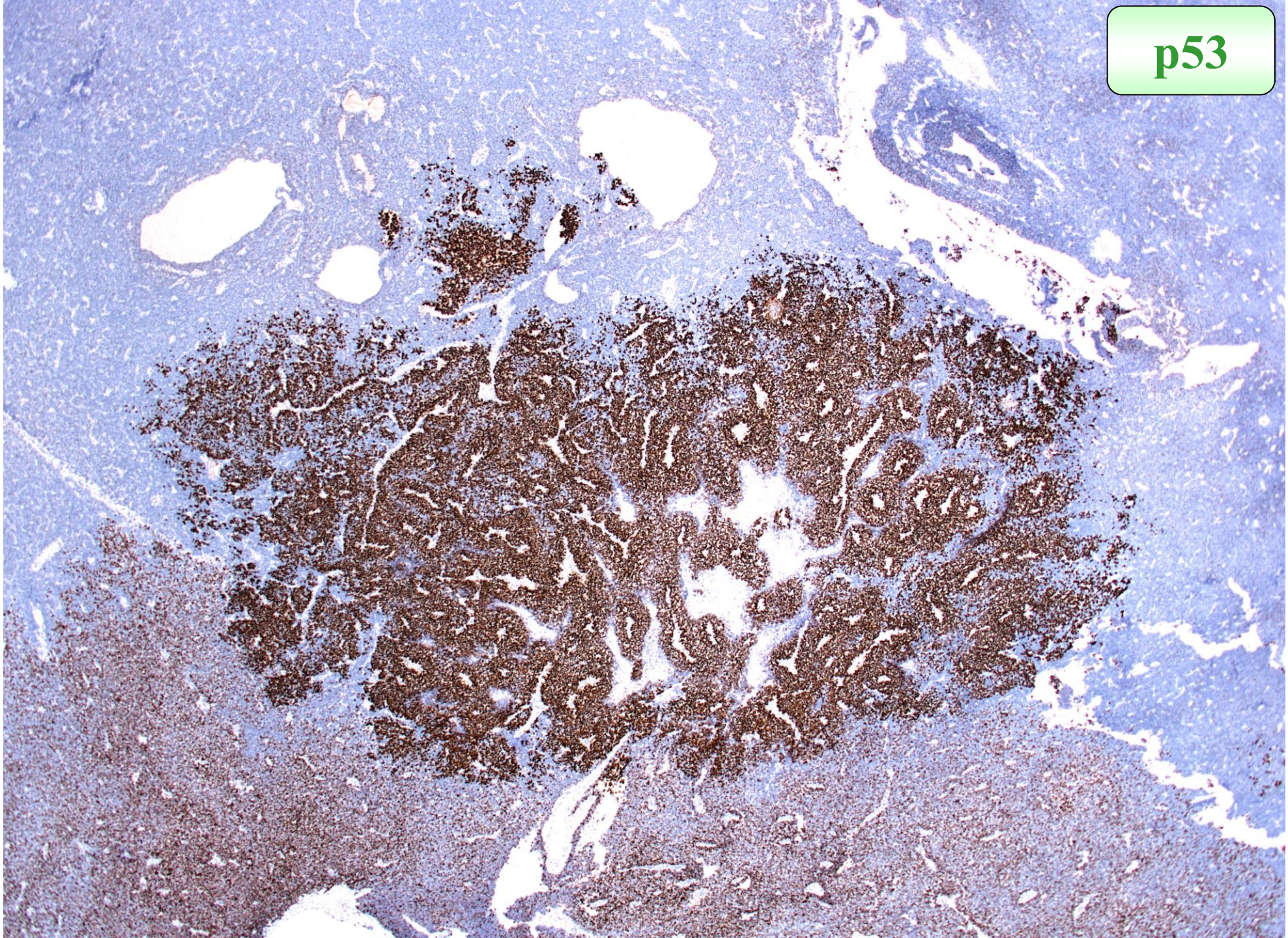
CD99 (MIC2)



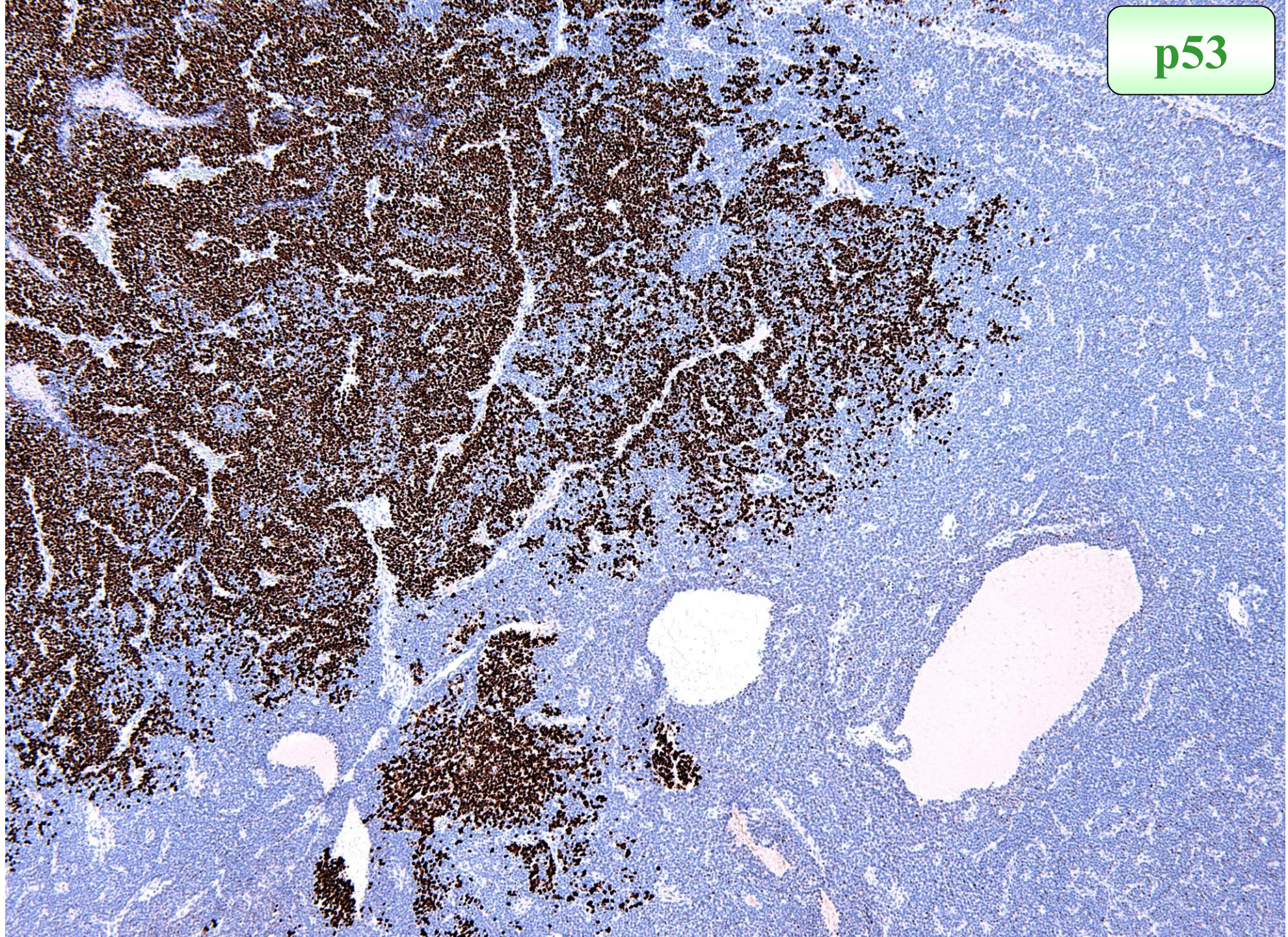
Vimentin



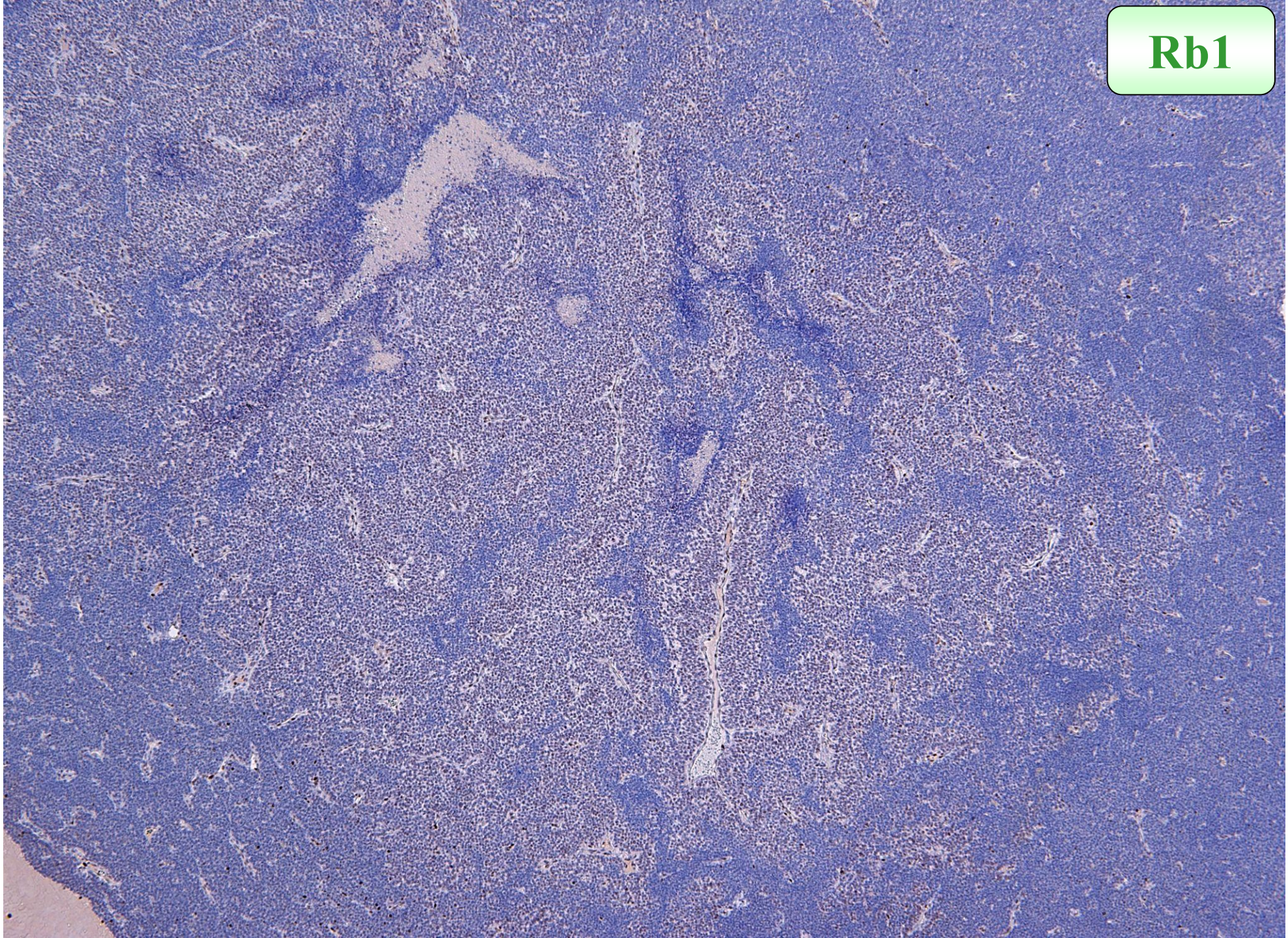
p53



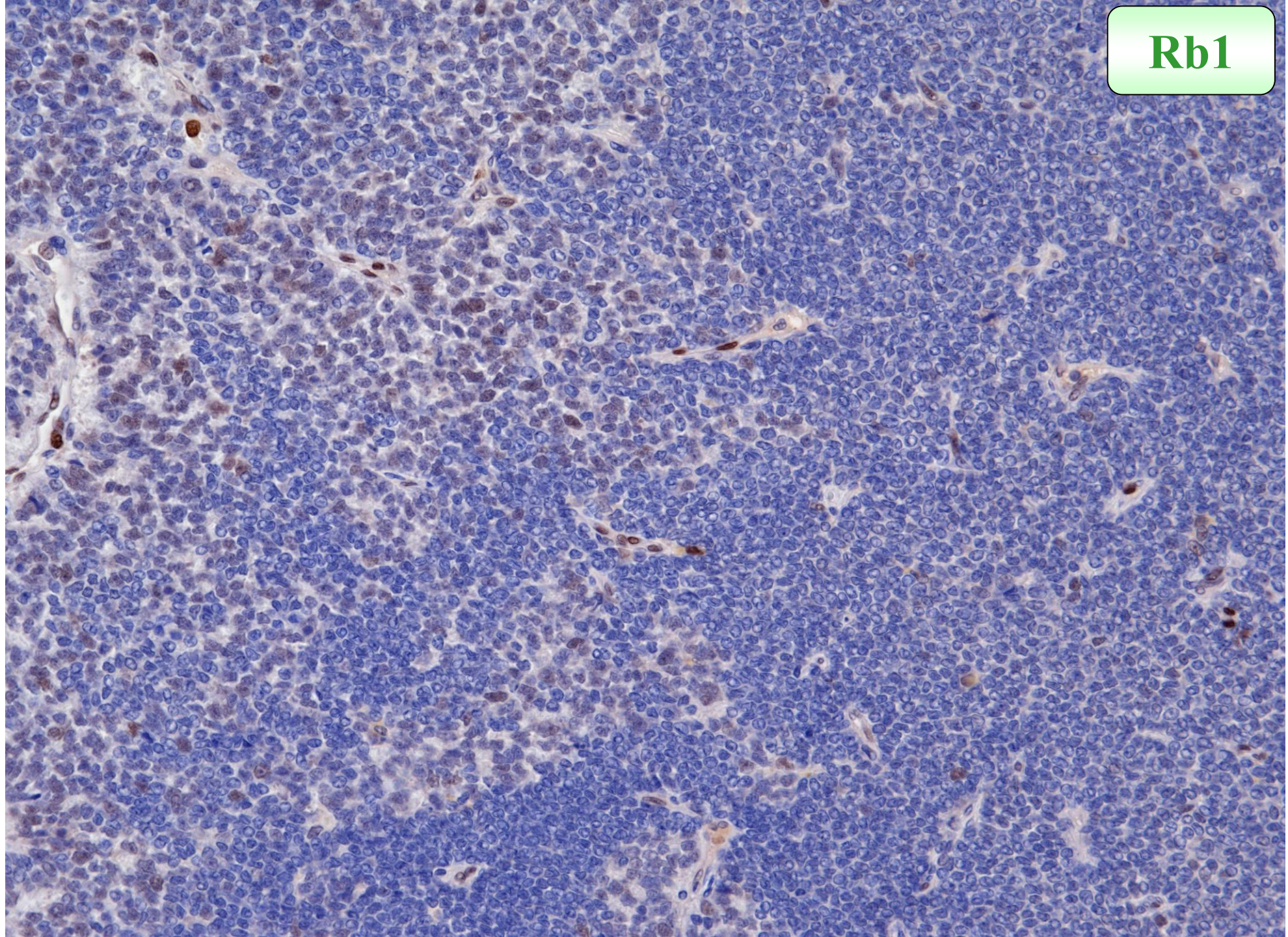
p53



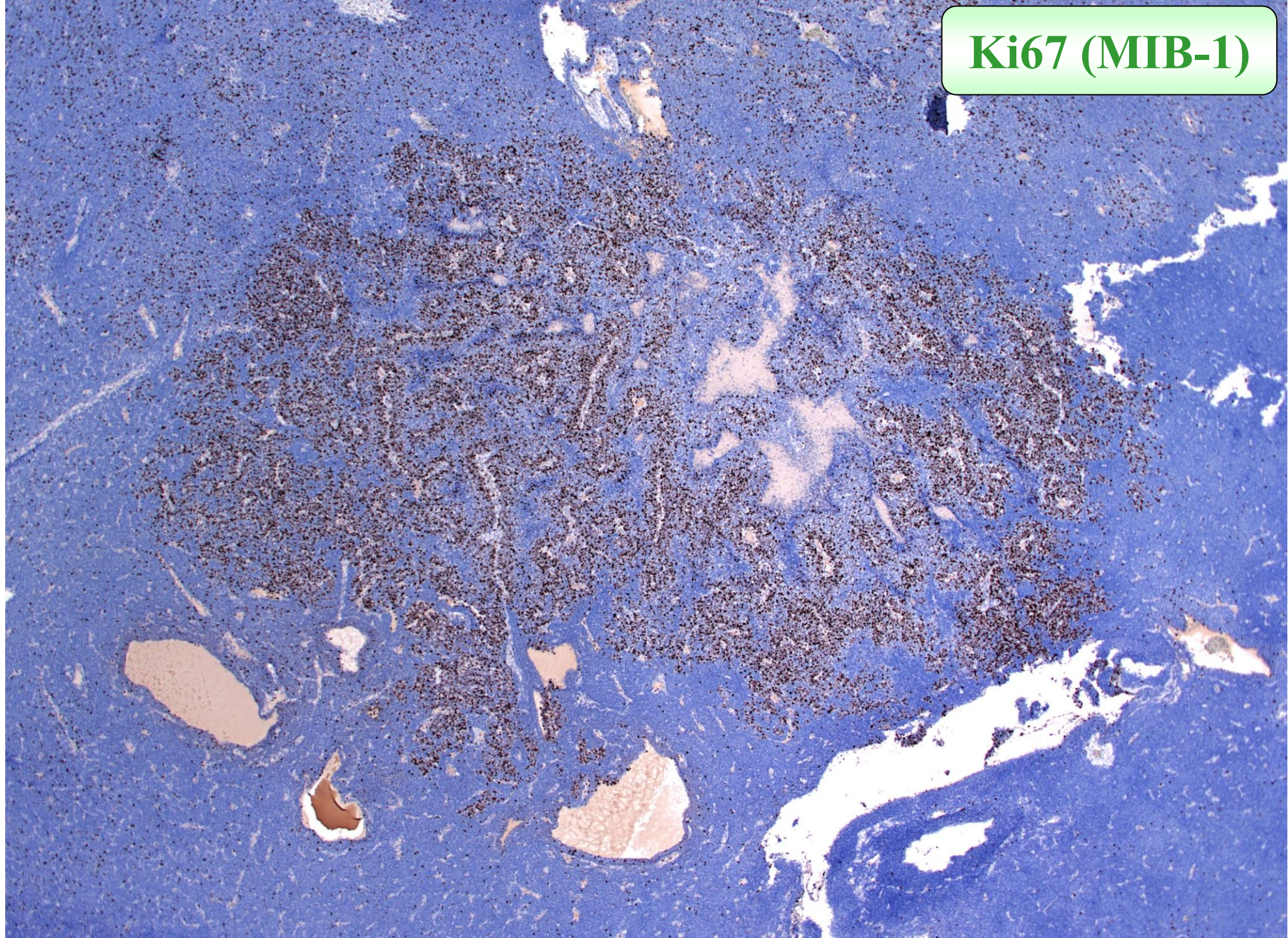
Rb1



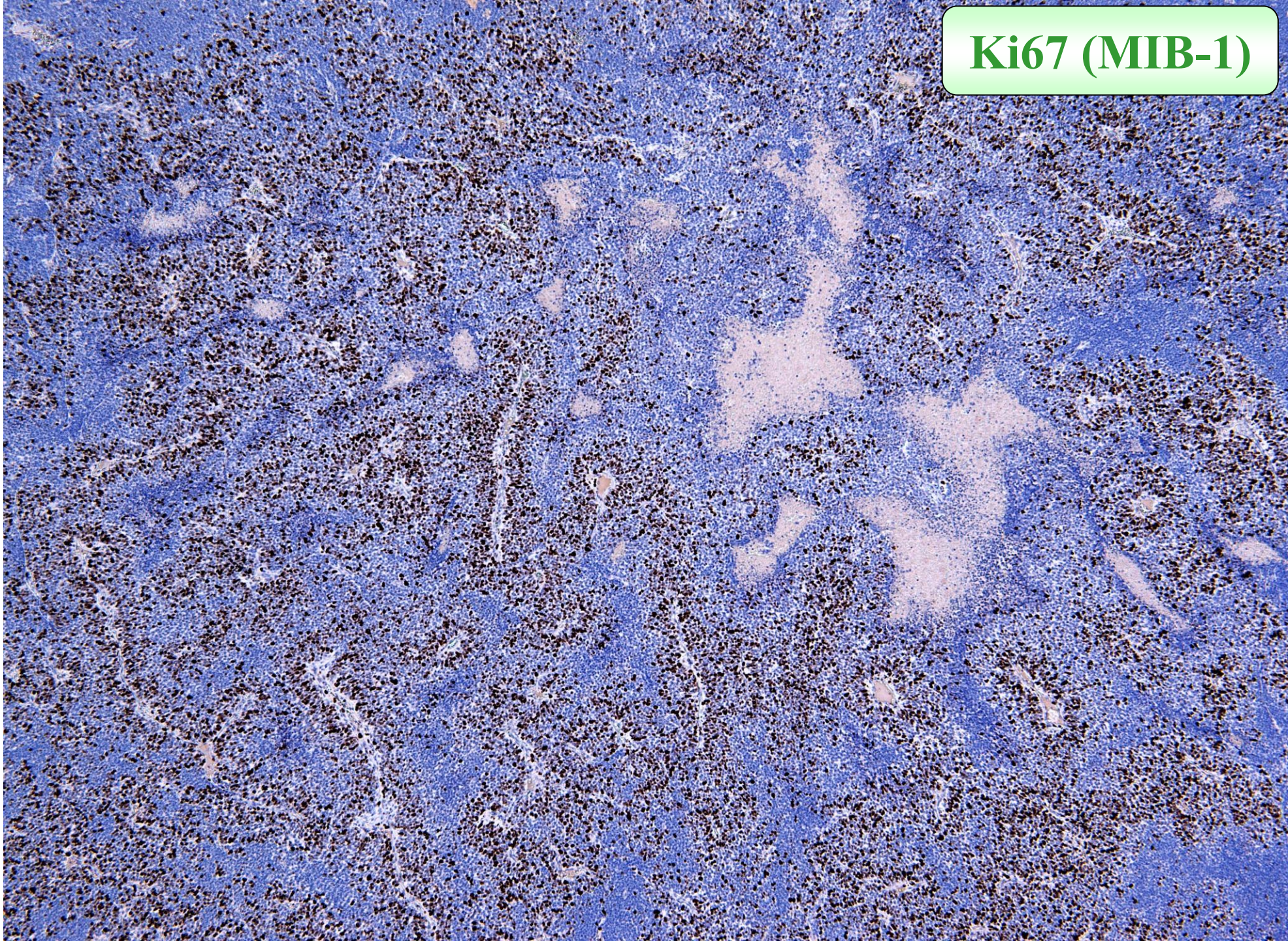
Rb1



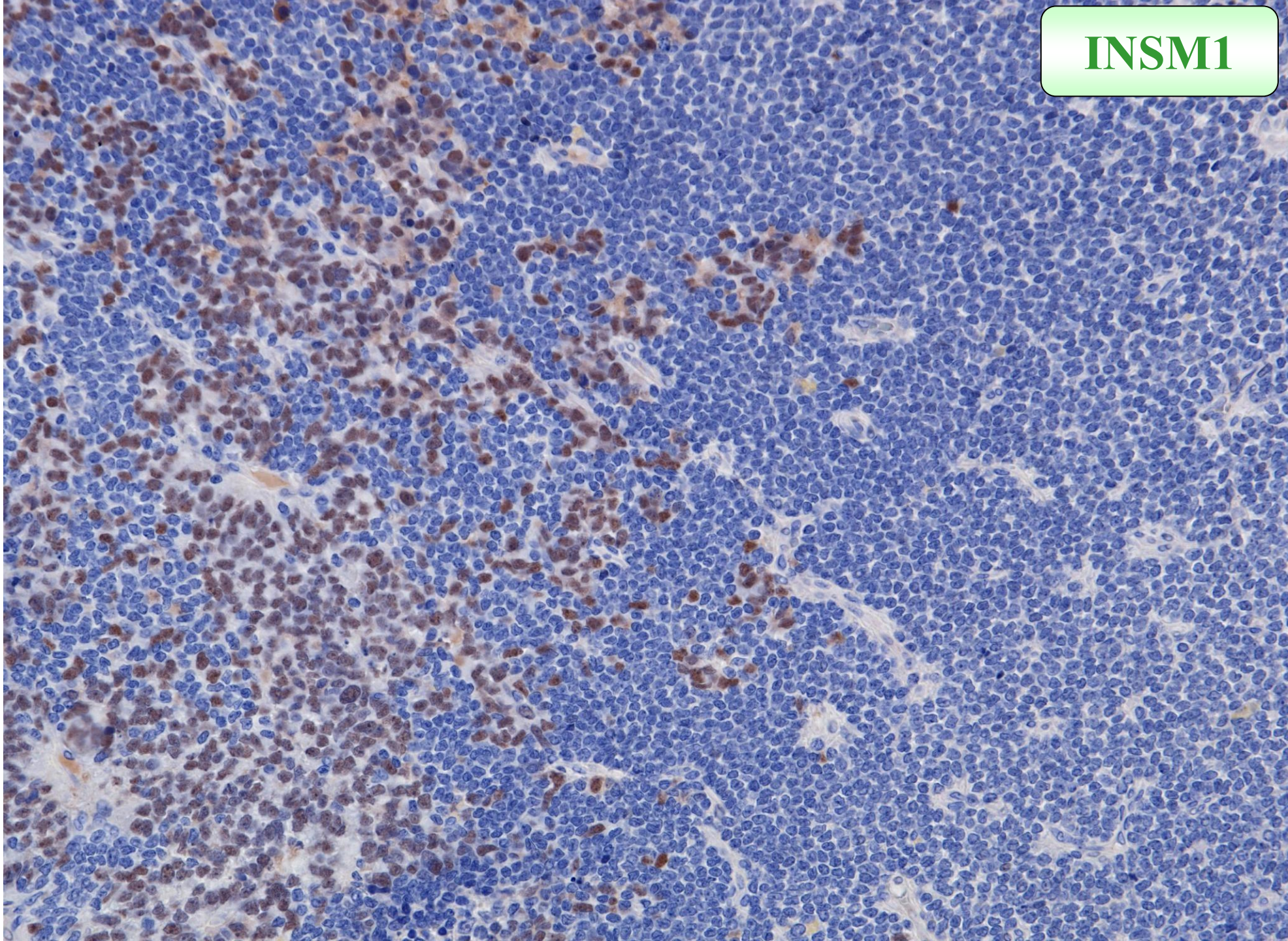
Ki67 (MIB-1)



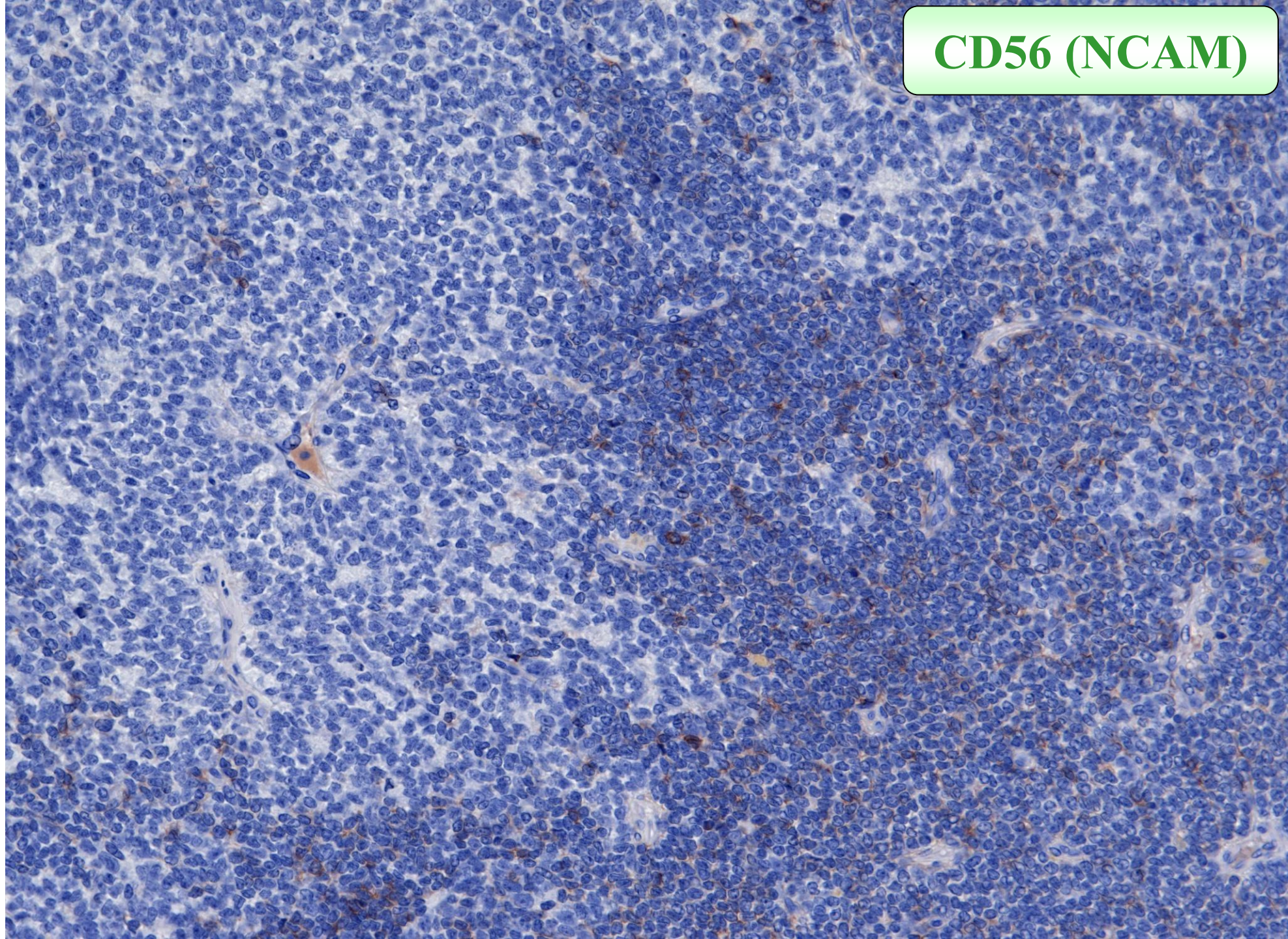
Ki67 (MIB-1)



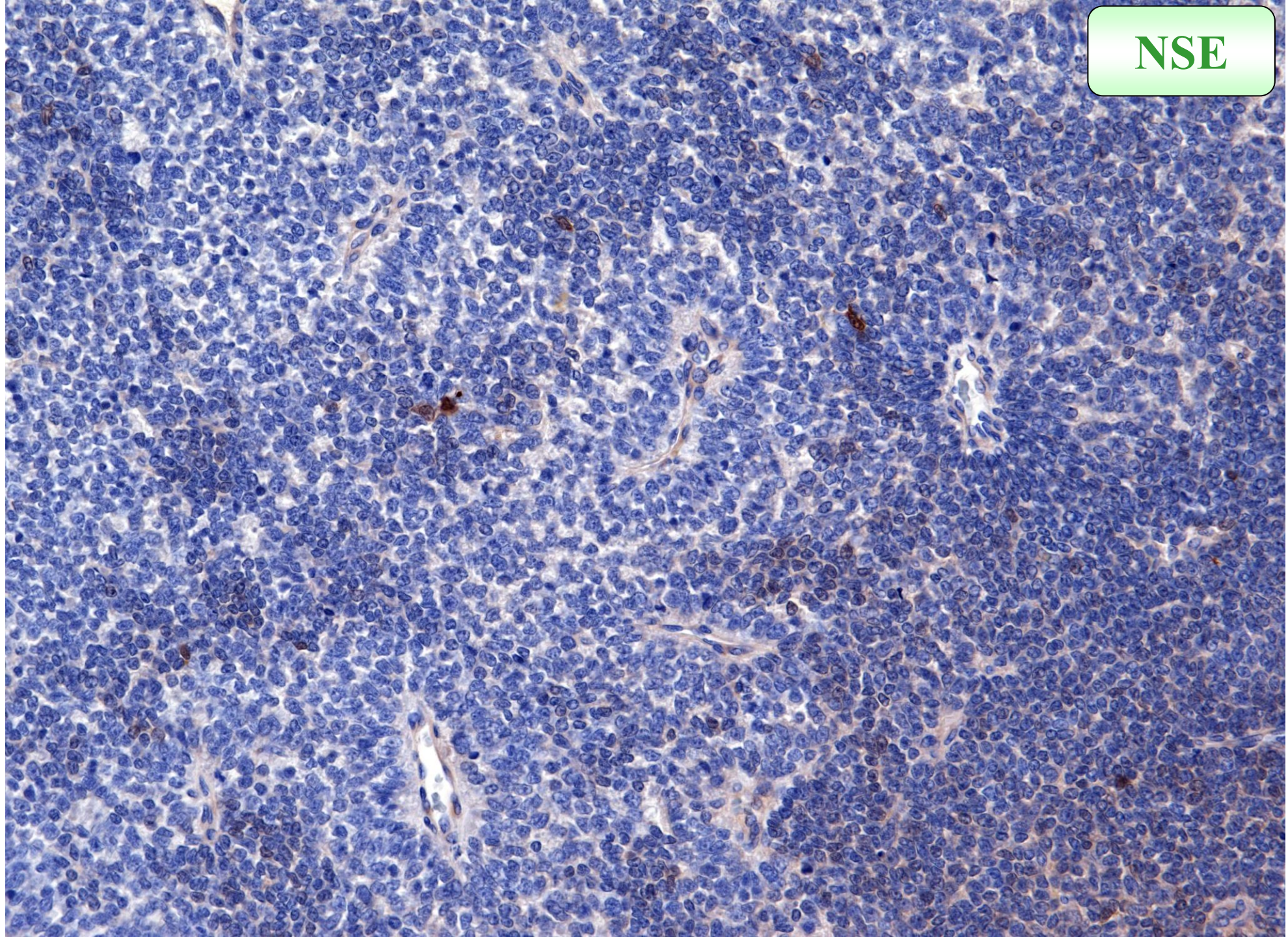
INSM1



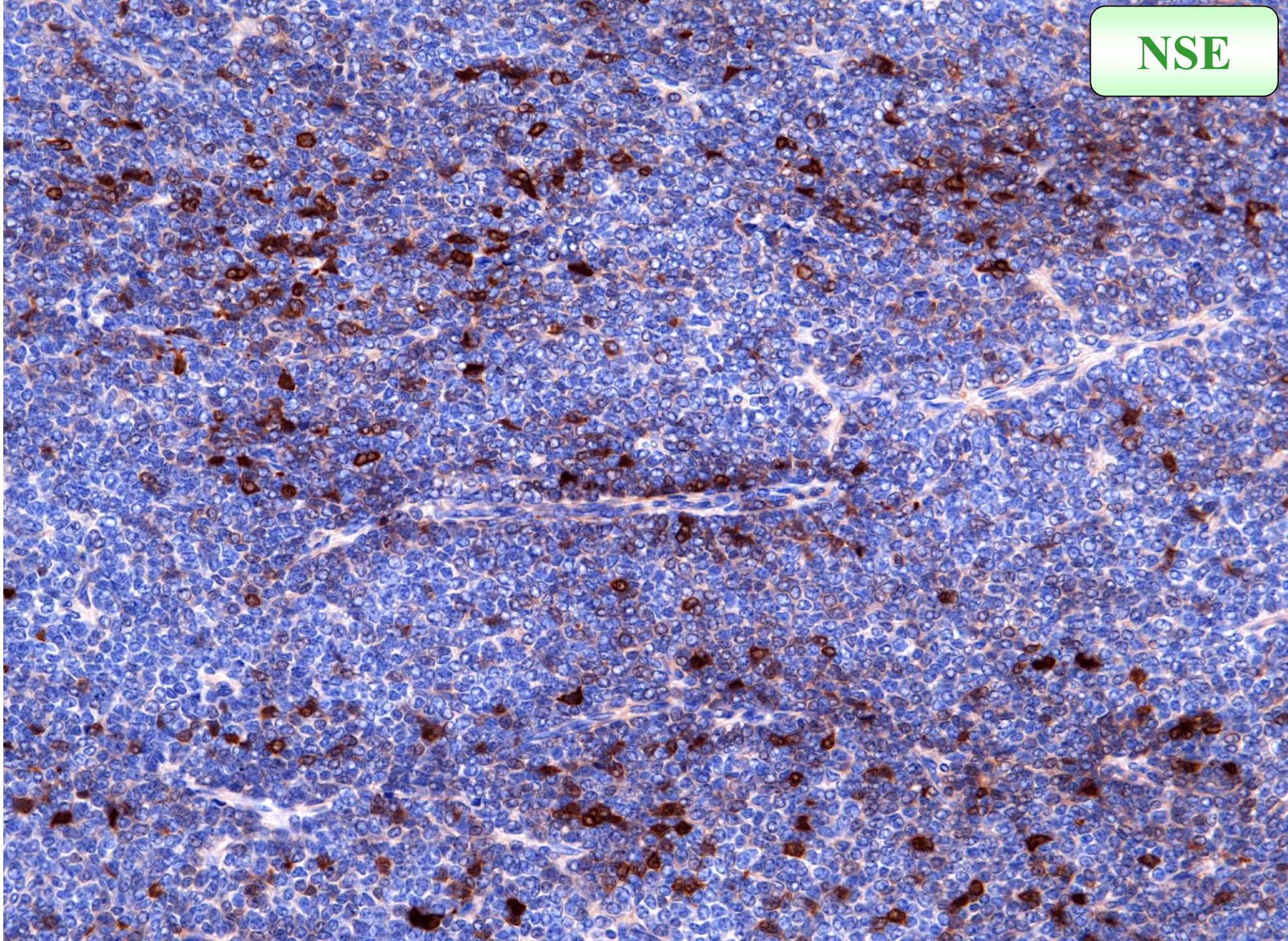
CD56 (NCAM)



NSE



NSE



免疫組織化学 陰性結果

Chromogranin A, Synaptophysin, SSTR2A

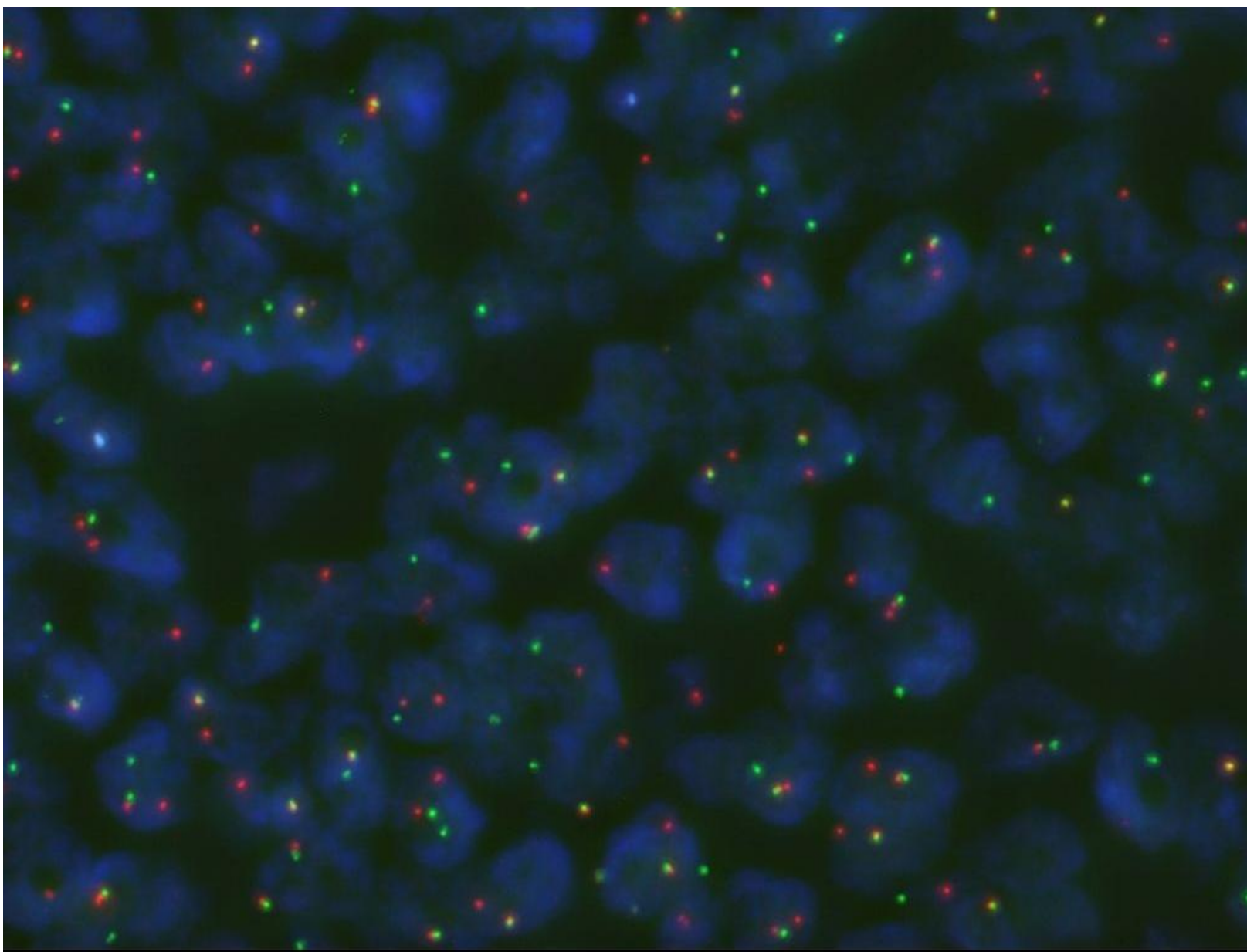
Cytokeratin (CK) AE1/AE3, CAM5.2, CK5/6, CK7, CK20

TTF-1, Napsin A, p40

CD3, CD5, CD20, CD79 α , CD10, TdT

BCOR, NUT, h-caldesmon

Retained: SMARCA4 (BRG1), SMARCB1 (INI1)



* FISH 解析結果
EWSR1 split signals

<Pathological diagnosis>

Ewing sarcoma of the left lung

<FNCLCC Grading System>

Tumor differentiation: Score 3

Mitotic count: Score 3 (20 or more/10 HPF)

Tumor necrosis: Score 1

Histological grade: Grade 3

術後経過

補助化学療法も検討
→無治療経過観察を希望

術後7ヶ月の現在，再発・転移を認めていない。

演題6: 左大腿骨遠位骨腫瘍

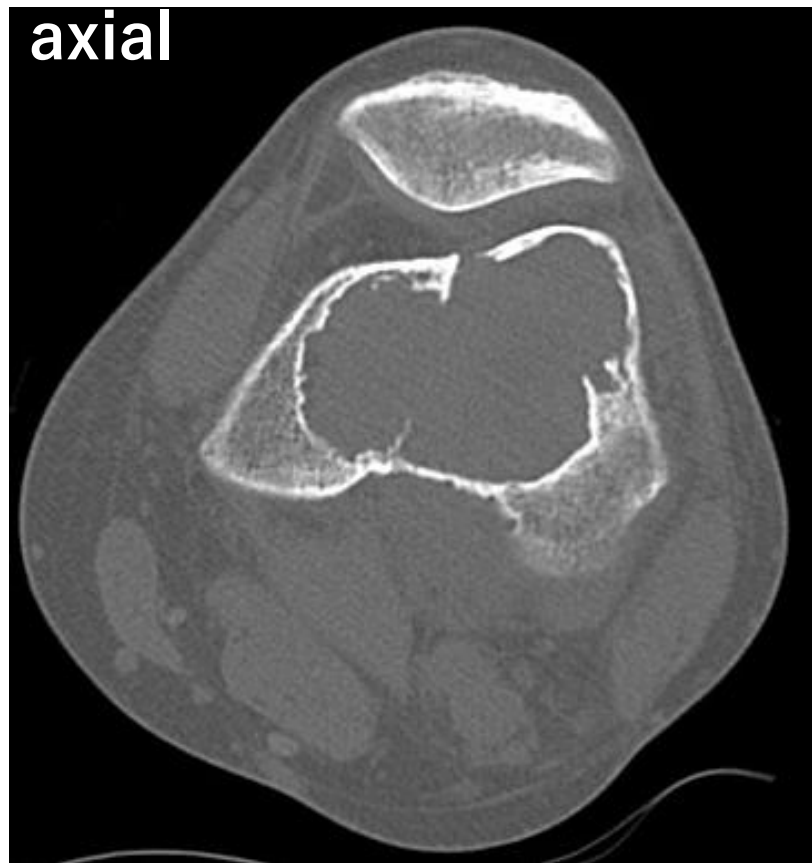
順天堂大学

演題6:左大腿骨遠位骨腫瘍

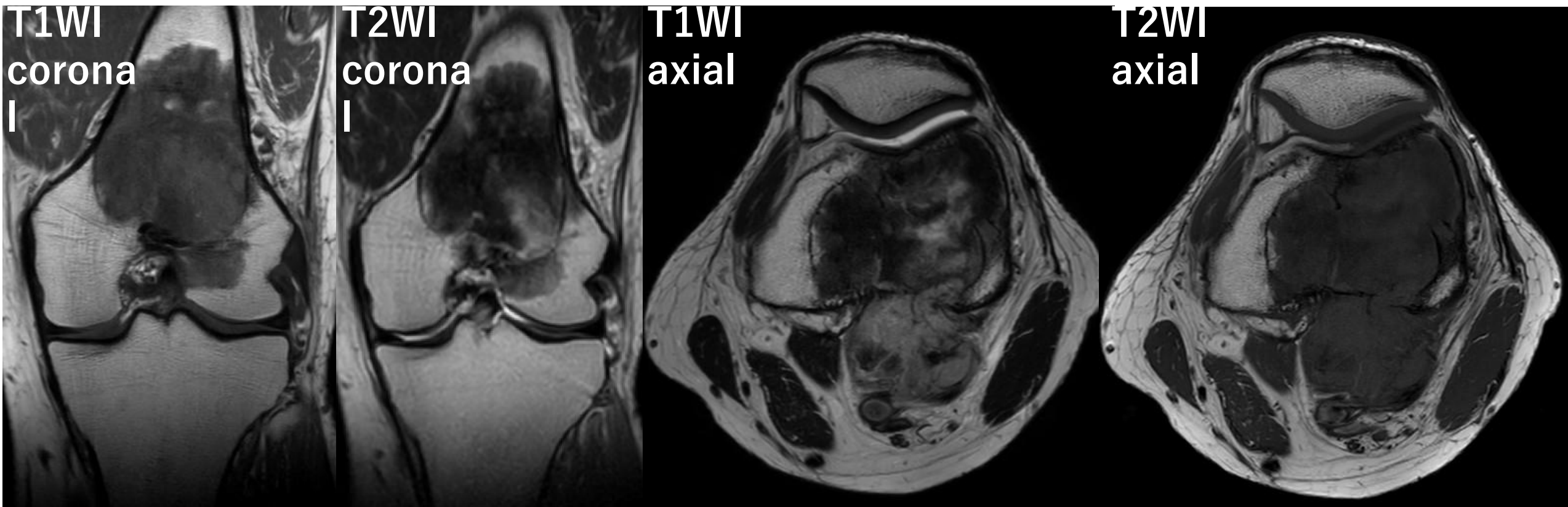
X-Ray所見



CT所見



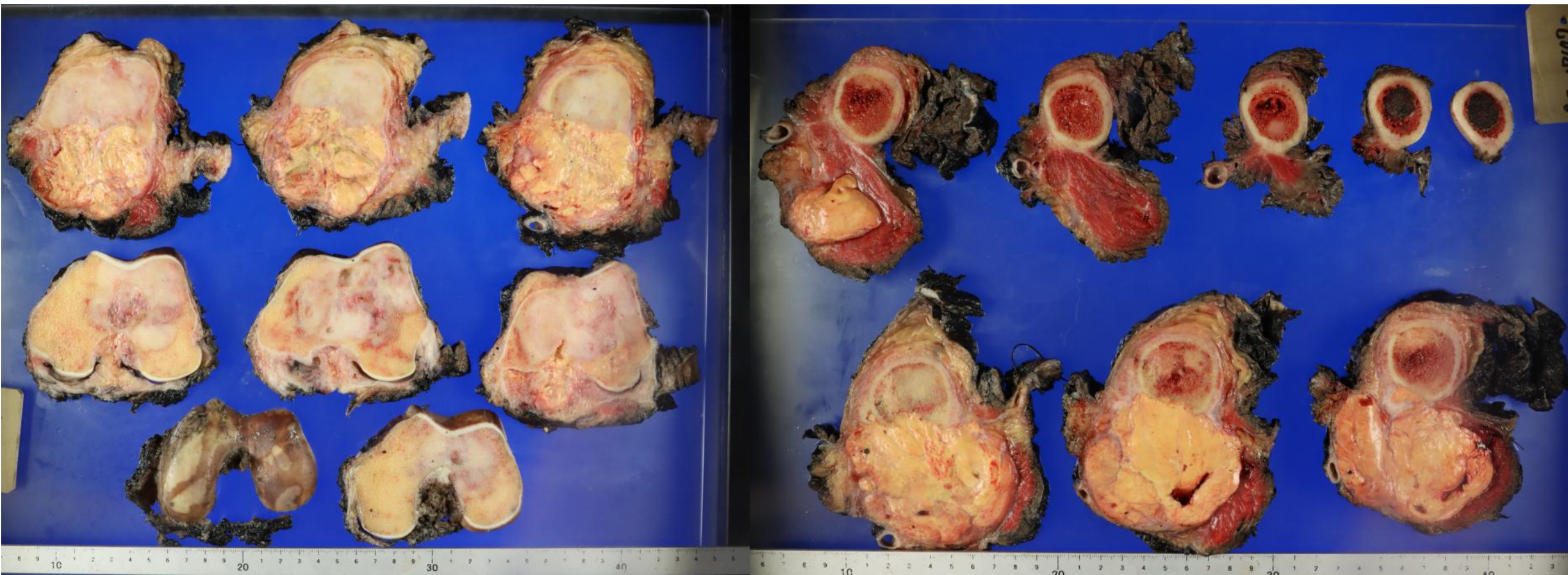
MRI所見



手術検体 肉眼所見



手術検体 断面



手術検体 断面(拡大)

