

Pulmonology Conference

Fellow Chan Kwon Park

Division of pulmonology,

Department of Internal medicine,

Seoul St. Mary's Hospital,

The Catholic University of Korea, College of Medicine

Chief Complaint

Patient : 52/ M

정 0 상

Lung mass evaluation

Present Illness

상기 52세 남자 환자 평소 건강하게 지내던 자로
건강검진에서 시행한 chest X-ray에서
Right upper lobe에 1.5 X 0.9 cm 의 mass가 있어
이에 대한 evaluation 위해 내원함

Review of System

Anorexia/Nausea/Vomiting/Constipation/Diarrhea (-/-/-/-/-)

Fever/Chill/Cough/Sputum/Rhinorrhea (-/-/-/-/-)

General weakness/Fatigue/Myalgia (-/-/-)

Polydipsia/Polyuria/Polypepsia/Weight loss (-/-/-/-)

Headache/Dizziness/Visual disturbance (-/-/-)

Chest pain/Dyspnea/Palpitation (-/-/-)

Abdominal pain (-)

poor oral intake (-)

History

- **Past history**

DM/HTN/Tbc/Hepatitis (-/-/+/-)

Old Tbc scar

2004년 성대결절 제거술

- **Family history**

Father : lung cancer

- **Social history**

Smoking : ex-smoker (2 pack years)

Alcohol : denied

Physical Examination (I)

Vital sign	110/70mmHg – 68/min – 20/min– 36.6 °C
Gross appearance	Not so ill looking appearance
Mental status	Alert mentality
Head and Neck	Normocephaly No neck vein enlargement No cervical LAPs No carotid bruit
Eye	Isocoria with PPLR (++) Anicteric sclera Not anemic conjunctiva

Physical Examination (II)

ENT	No pharyngeal injection
	No tonsillar enlargement
Chest	RHB without murmur
	Clear breathing sounds without rale, wheezing
Abdomen	Soft & distended
	Hypoactive bowel sound
	Tenderness (-) rebound Tenderness (-)
	No shifting dullness
Extremities	Grossly free
	No fitting edema

Lab findings (I)

Complete blood count

WBC (Seg.) 5330 (60.4%)

lympho/mono/eosinophil/basophil (60.4%/21.6/8.6/0.4)

Hb/Hct 15.6g/dL / 44.7%

Platelet 287,000/mm³

PT(INR)/aPTT 0.97/32 sec(cont 31)

Blood chemistry

FBS 87 mg/dL

TP/Alb 7.2/4.5 g/dL

BUN/Cr 16.7/0.91 mg/dL

Na/K/Cl 140/4.8/102 mEq/L

AST/ALT 32 / 29 U/L

ALP 73 U/L

TB/DB 1.00/0.26mg/dl

LDH/CPK 544/98 U/L

Ca/P/Mg 9.5/3.7/2.1 mg/dl

Lab findings (II)

Urine analysis

pH	5.0
Leucocyte	(-)
Glucose	(-)
Specific gravity	1.021
Protein	(-)
Nitrite	(-)
WBC	0-1/HPF
RBC	0-1/HPF

ESR	16mm/hr
CRP	1.62 mg/dL

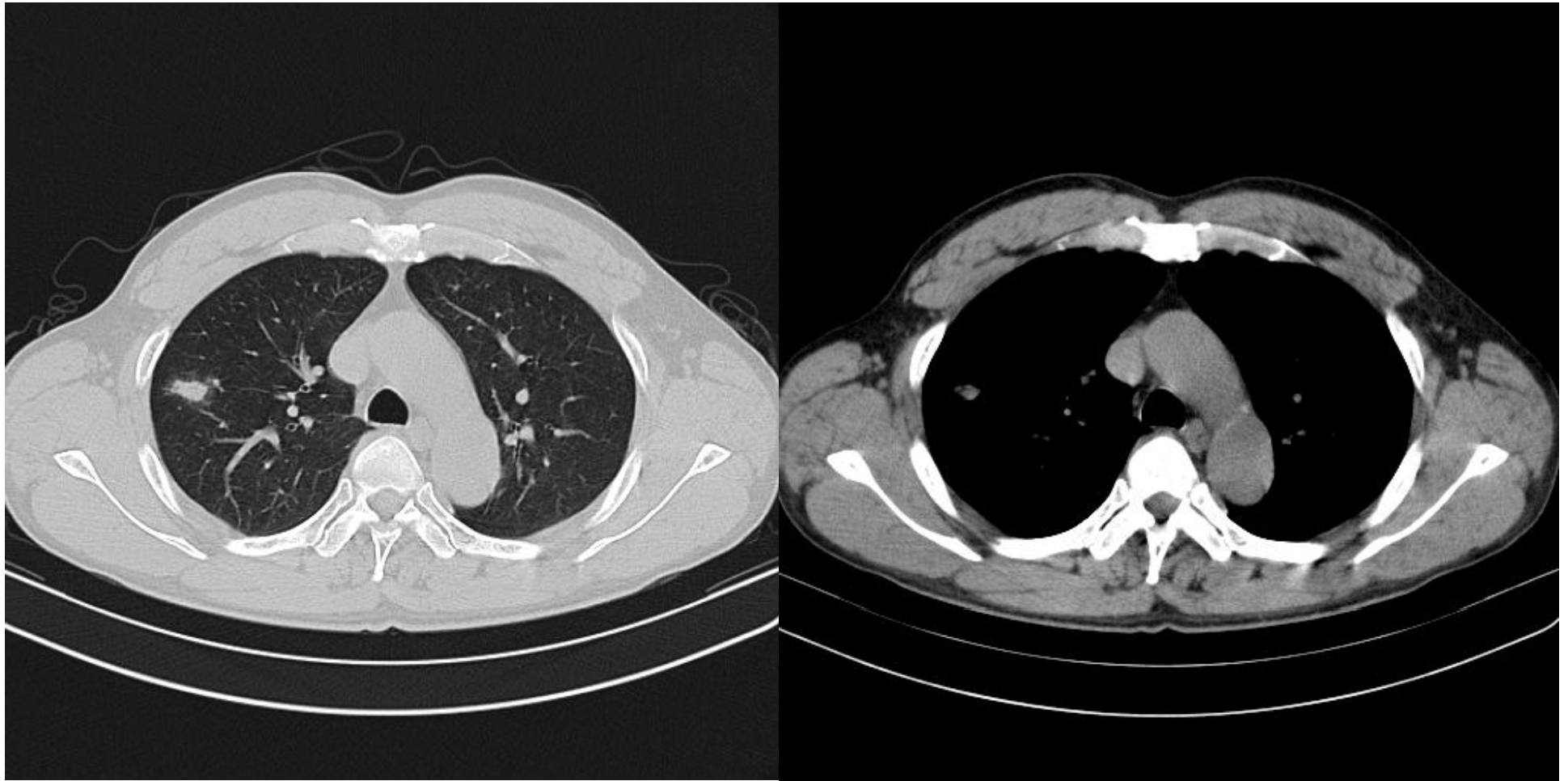
Work up

- Chest PA
- Chest CT
- Bronchoscopy
- Autofluorescent Bronchoscopy
- PETCT
- TNB

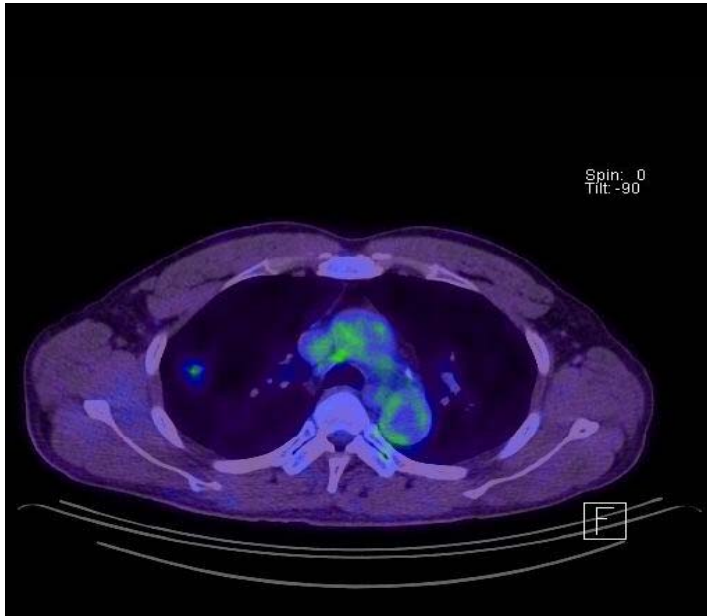
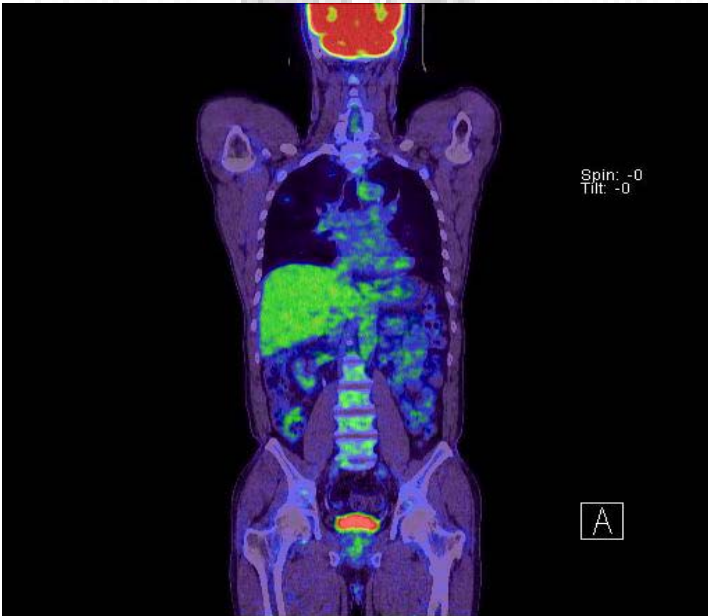
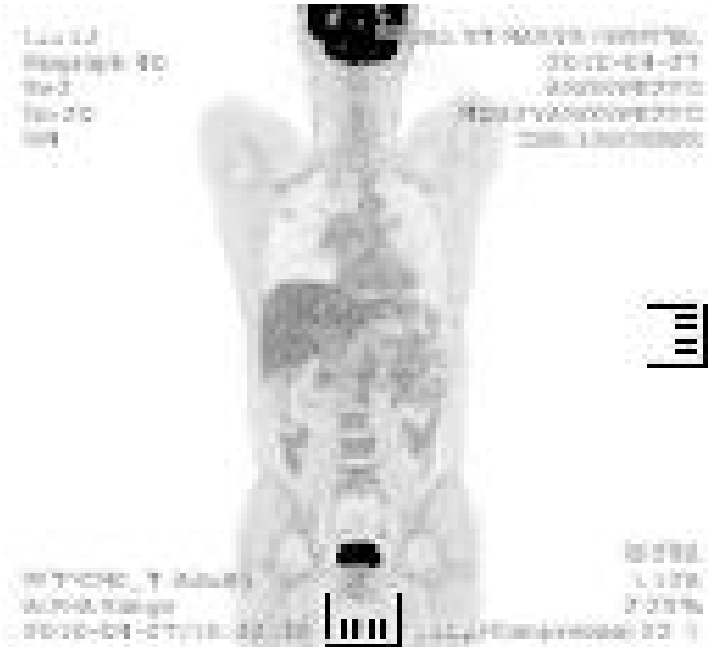
Chest PA

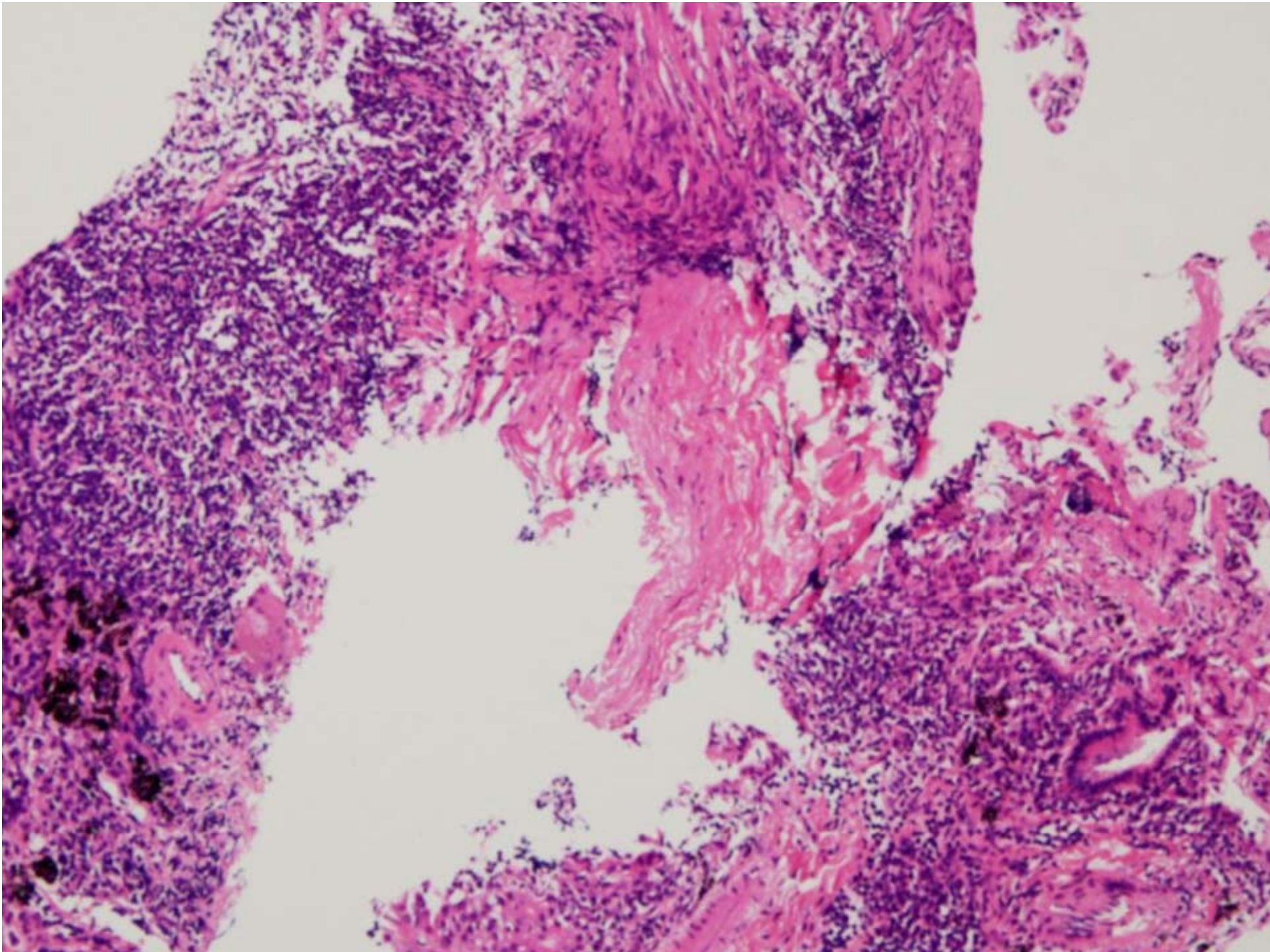


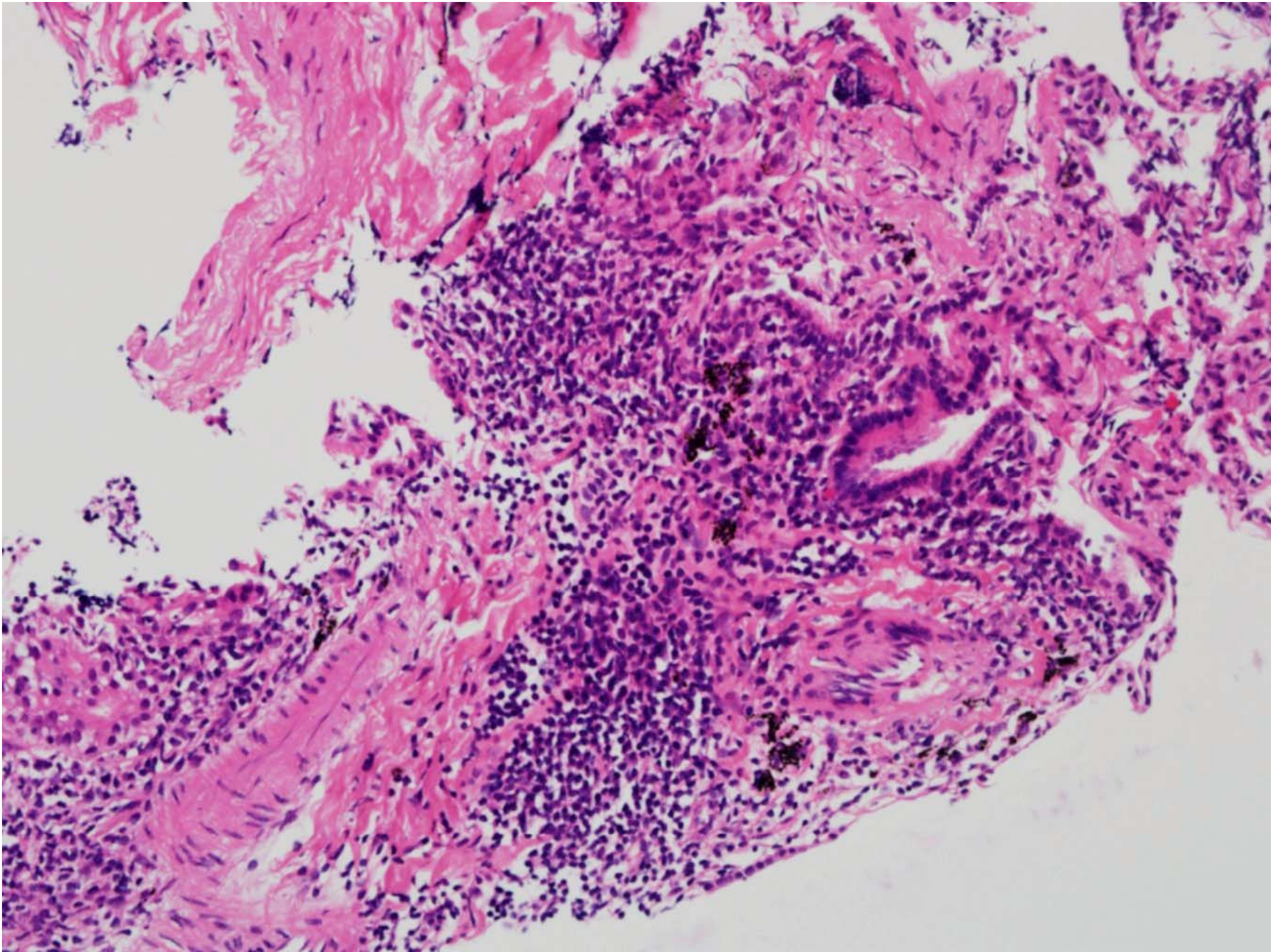
Chest CT

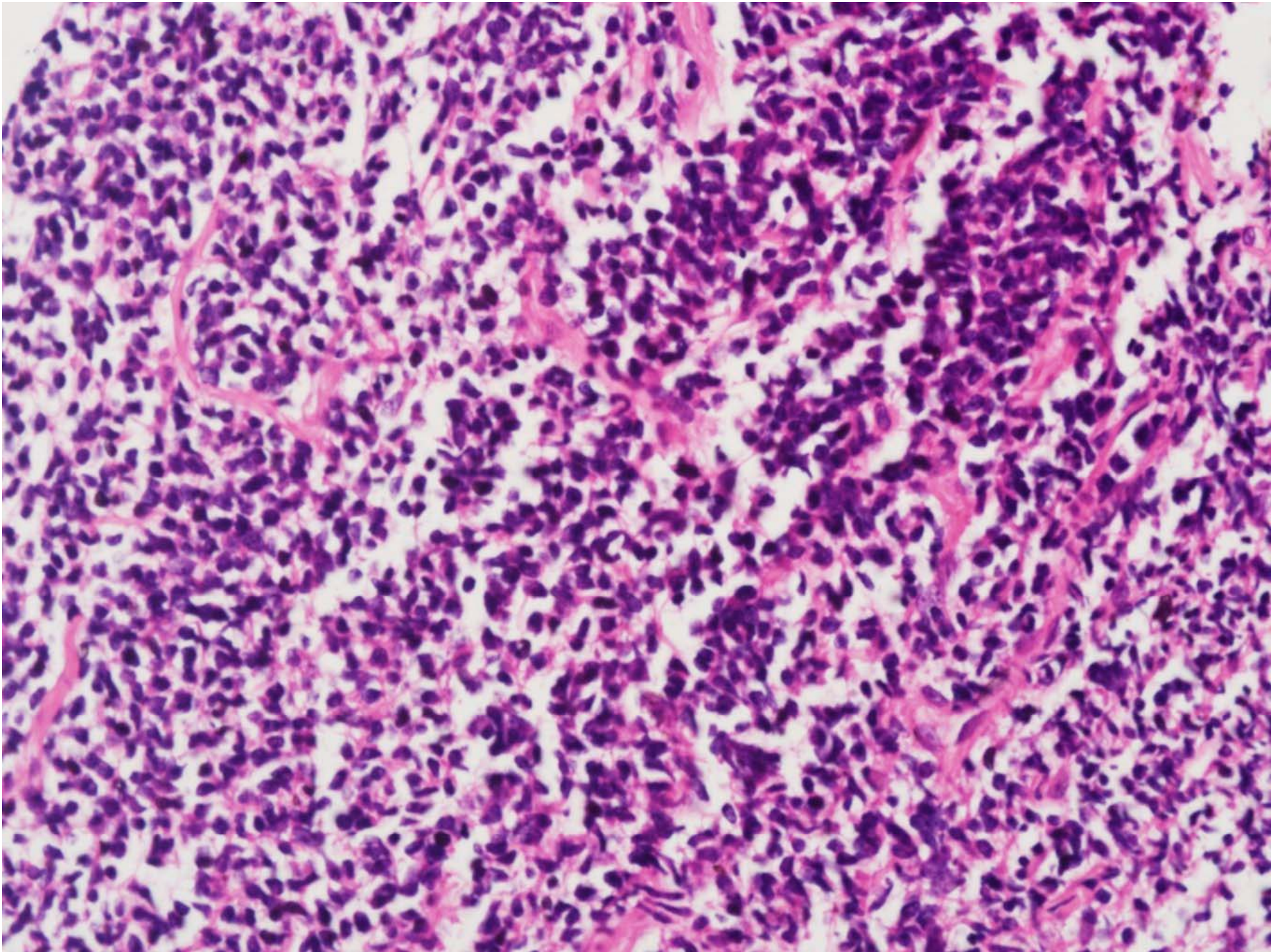


PET-CT

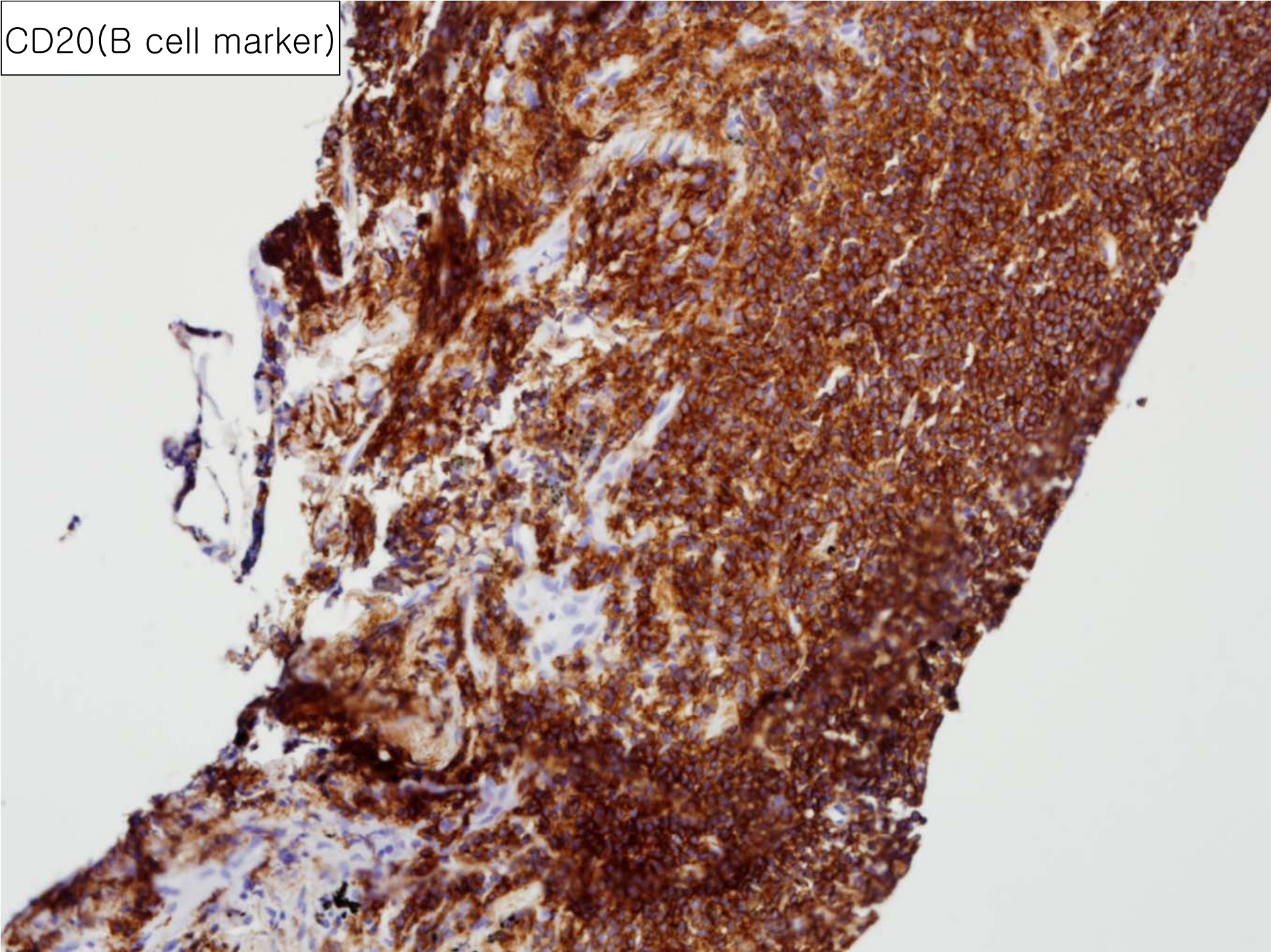








CD20(B cell marker)



BCL-2

