
FOLLOW UP VISIT

Chief Complaint

Nausea/Vomiting

History of Present Illness

FOLLOW UP: 75-year old gentleman with stage IIIB non-small cell lung cancer (adenocarcinoma) with mediastinal adenopathy.

IMAGES: MRI Of Brain obtained 04/12/2025 demonstrated no evidence of metastatic disease
Routine chest CT examination, no obvious new symptoms since last visit

PATHOLOGY: Obtained on bronchoscopy on 03/02/2025 demonstrated poorly differentiated adenocarcinoma
Cytogenetics found ROS1 gene rearrangement on 03/10/2025

BRONCHOSCOPY REPORT: Obtained 03/02/2025 demonstrated endobronchial mass in RUL bronchus
mucosa surrounding the apical and anterior segments. No evidence of endobronchial spread to other lobes

ECHO: Obtained 03/15/2025 demonstrated normal left ventricular ejection fraction of 60%
mass abnormality

CTA: Obtained 03/25/2025 demonstrated right upper lobe nodule measuring 2.3 × 2.1 cm with hilar
radiation, or involution of the right upper lobe pulmonary nodule not observed at this time

IMAGING: MRI brain 04/12/2025 negative for disease - done at University Medical Center

TREATMENT: Weekly carboplatin (AUC 5) / paclitaxel (175 mg/m²) started 04/01/2025
tumor tissue. Peripheral blood was negative for ROS1. Start crizotinib 400 mg BID pending insurance approval

SUMMARY OF RESULTS

Density Tested	No
Pulmonary Checkout	0
FDA-Approved	0
Additional Therapies	0
Oncty Clinical Trials see pg 2	

ALTERATIONS DETECTED

GENE	ALTERATION	FRACTION	
KRAS	No Reportable Mutation	none	
NRAS	No Reportable Mutation	none	

GENE FUSION TEST RESULTS

ALK GENE FUSION	ROS1 GENE FUSION	RET GENOMIC
-	Positive	Evaluable, Negative

Primary and Secondary Diagnoses

Date	Type	ICD-9	ICD-10	Description	Disease Status
03/02/2025	Primary	162.3	C34.12	Non-Small Cell Lung Cancer (Thorax) Stage IIIB (AJCC v8) TNM: cT4-cN2-cM0	Diagnosis
-	Secondary	198.3	C79.31	Secondary malignant neoplasm of brain	-
-	Secondary	197.7	C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	-
-	Secondary	197.0	C78.01	Secondary malignant neoplasm of right lung	-

History of Present Illness

This is a 75-year old gentleman who said he had a stroke and in the midst of the workup, and they found a lung mass. He was not having any symptoms from it. He never did have a stroke; it was just the "stroke" that created the stroke finding and some of what looked like strokes. Overall, he feels okay. Initially, he had a CT scan, stage of the head and neck, which showed no abnormalities, but there was right parallel mass that might be 2 cm, it was PET-positive. He underwent bronchoscopy and it showed a mass in the bronchus. He had a central mass of the brain; MRI showed abnormality of the brain... He underwent biopsy by the pulmonologist and he had a malignancy; they found a 1.3 cm central mass.

LABORATORY RESULTS: Obtained 04/14/2025

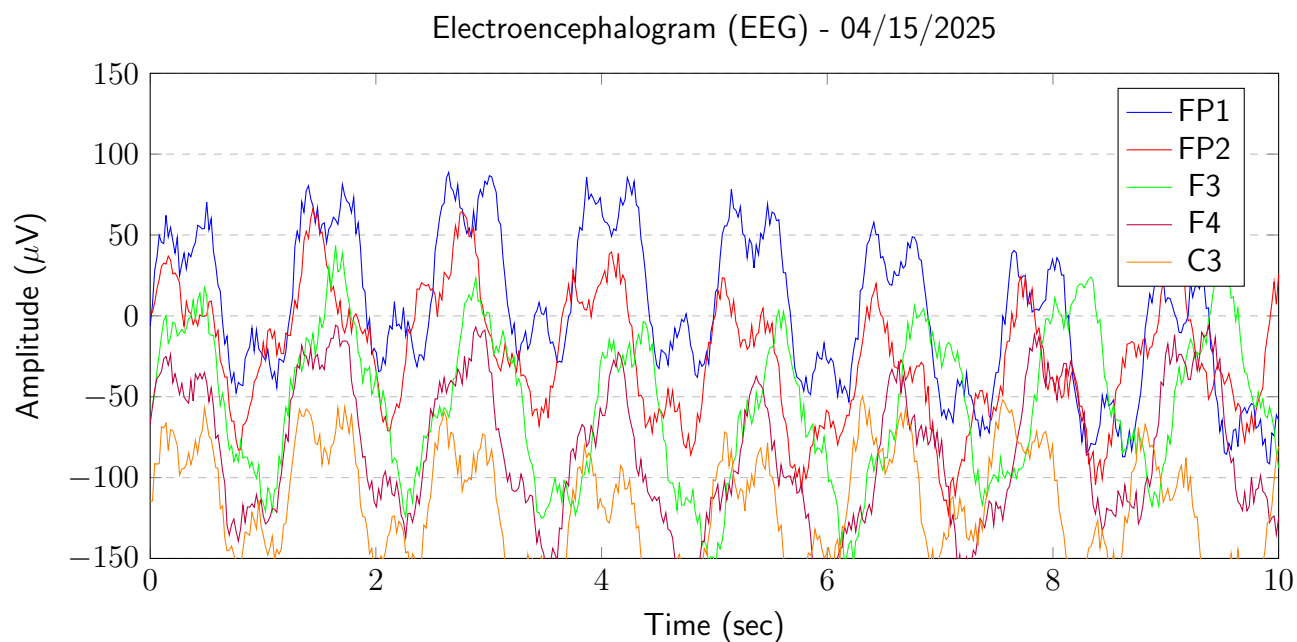
Test	Result	Reference Range
Complete Blood Count (CBC)		
WBC	$4.3 \times 10^3/\mu\text{L}$	$4.5-11.0 \times 10^3/\mu\text{L}$
RBC	$3.8 \times 10^6/\mu\text{L}$	$4.5-5.9 \times 10^6/\mu\text{L}$
Hemoglobin	11.2 g/dL	13.5-17.5 g/dL
Hematocrit	33.6%	41.0-53.0%
MCV	88.4 fL	80.0-100.0 fL
Platelets	$143 \times 10^3/\mu\text{L}$	$150-450 \times 10^3/\mu\text{L}$
Neutrophils	62%	40-70%
Lymphocytes	25%	20-40%
Monocytes	9%	2-10%
Eosinophils	3%	1-6%
Basophils	1%	0-2%
ANC	$2.67 \times 10^3/\mu\text{L}$	$1.8-7.7 \times 10^3/\mu\text{L}$

Test	Result	Reference Range
Comprehensive Metabolic Panel (CMP)		
Sodium	138 mEq/L	135-145 mEq/L
Potassium	4.3 mEq/L	3.5-5.0 mEq/L
Chloride	102 mEq/L	98-107 mEq/L
CO ₂	26 mEq/L	22-30 mEq/L
BUN	18 mg/dL	7-20 mg/dL
Creatinine	1.1 mg/dL	0.6-1.2 mg/dL
eGFR	68 mL/min/1.73m ²	>60 mL/min/1.73m ²
Glucose	108 mg/dL	70-99 mg/dL
Calcium	9.1 mg/dL	8.5-10.5 mg/dL
Albumin	3.6 g/dL	3.5-5.0 g/dL
Total Protein	6.8 g/dL	6.0-8.0 g/dL
Liver Function Tests		
AST	32 U/L	5-40 U/L
ALT	28 U/L	7-56 U/L
Alkaline Phosphatase	86 U/L	40-150 U/L
Total Bilirubin	0.8 mg/dL	0.1-1.2 mg/dL
Direct Bilirubin	0.2 mg/dL	0.0-0.3 mg/dL

Test	Result	Reference Range
Coagulation Profile		
PT	12.8 sec	11.0-13.5 sec
INR	1.1	0.8-1.2
PTT	32 sec	25-35 sec
Tumor Markers		
CEA	5.6 ng/mL	<3.0 ng/mL
CYFRA 21-1	3.8 ng/mL	<3.3 ng/mL
NSE	18.3 ng/mL	<16.3 ng/mL
Pro-GRP	42 pg/mL	<50 pg/mL
Urinalysis		
Color	Pale Yellow	Yellow
Clarity	Clear	Clear
Specific Gravity	1.015	1.005-1.030
pH	6.0	4.5-8.0
Protein	Negative	Negative
Glucose	Negative	Negative
Ketones	Negative	Negative
Blood	Negative	Negative
Leukocyte Esterase	Negative	Negative
Nitrite	Negative	Negative

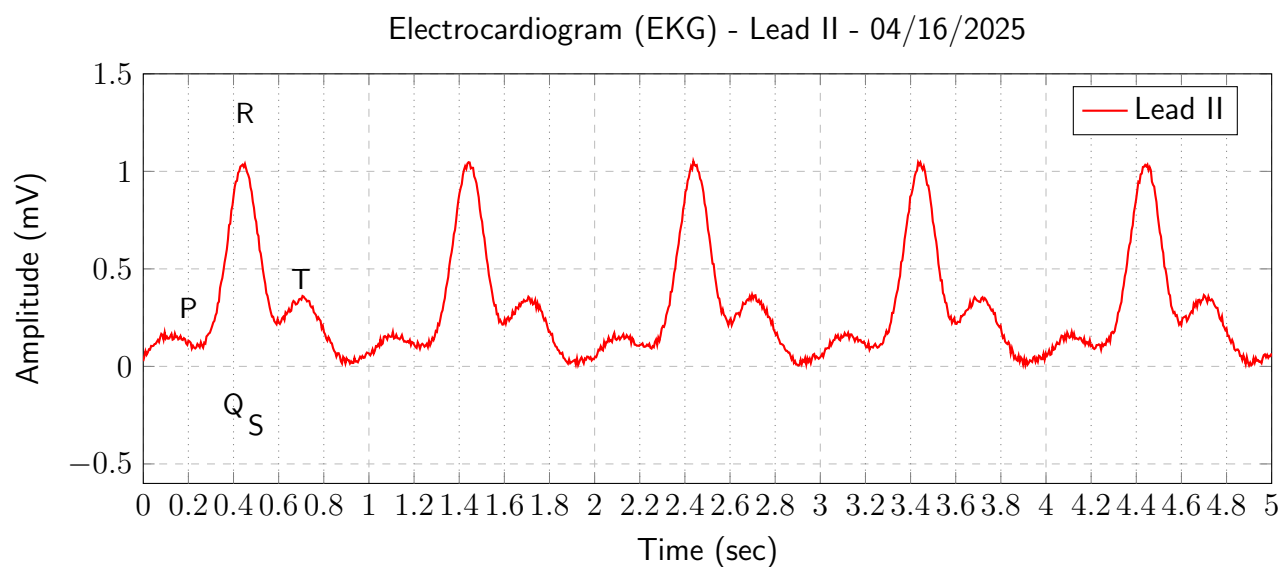
IMPRESSION: Patient shows mild anemia and thrombocytopenia, likely related to ongoing chemotherapy. Slightly elevated glucose. Mildly elevated CEA, CYFRA 21-1, and NSE tumor markers consistent with lung adenocarcinoma. Renal and hepatic function generally preserved. Immune function adequate for continued treatment.

EEG FINDINGS: EEG obtained 04/15/2025 demonstrated no evidence of seizure activity



IMPRESSION: Normal awake and drowsy EEG with no epileptiform discharges or focal slowing noted. No evidence of seizure activity. Alpha rhythm 9-10 Hz.

EKG FINDINGS: 12-lead EKG obtained 04/16/2025 demonstrated normal sinus rhythm



IMPRESSION: Normal sinus rhythm. Rate 75 BPM. Normal PR interval (160 ms), QRS duration (90 ms), and QT/QTc interval (380/410 ms). No ST-segment elevation or depression. No significant Q waves. Normal axis.

He underwent a CT scan of the chest, abdomen and pelvis, and this showed a spiculated left upper lobe pulmonary nodule measuring 2.1 cm. A small non-specific right pleural-based pulmonary nodule measuring 0.7 cm. An additional small pulmonary nodule measuring less than 0 mm. There is also a 1.3 cm lesion in the right hepatic dome suggestive of hemodynamics, but could represent metastasis.

He underwent a CT-guided core biopsy of the solid lung lesion with a diagnosis consistent with adenocarcinoma and showed/revealed that they biopsied the left upper lobe nodule that showed a non-small cell carcinoma consistent with a pulmonary adenocarcinoma.