

Supplementary Materials

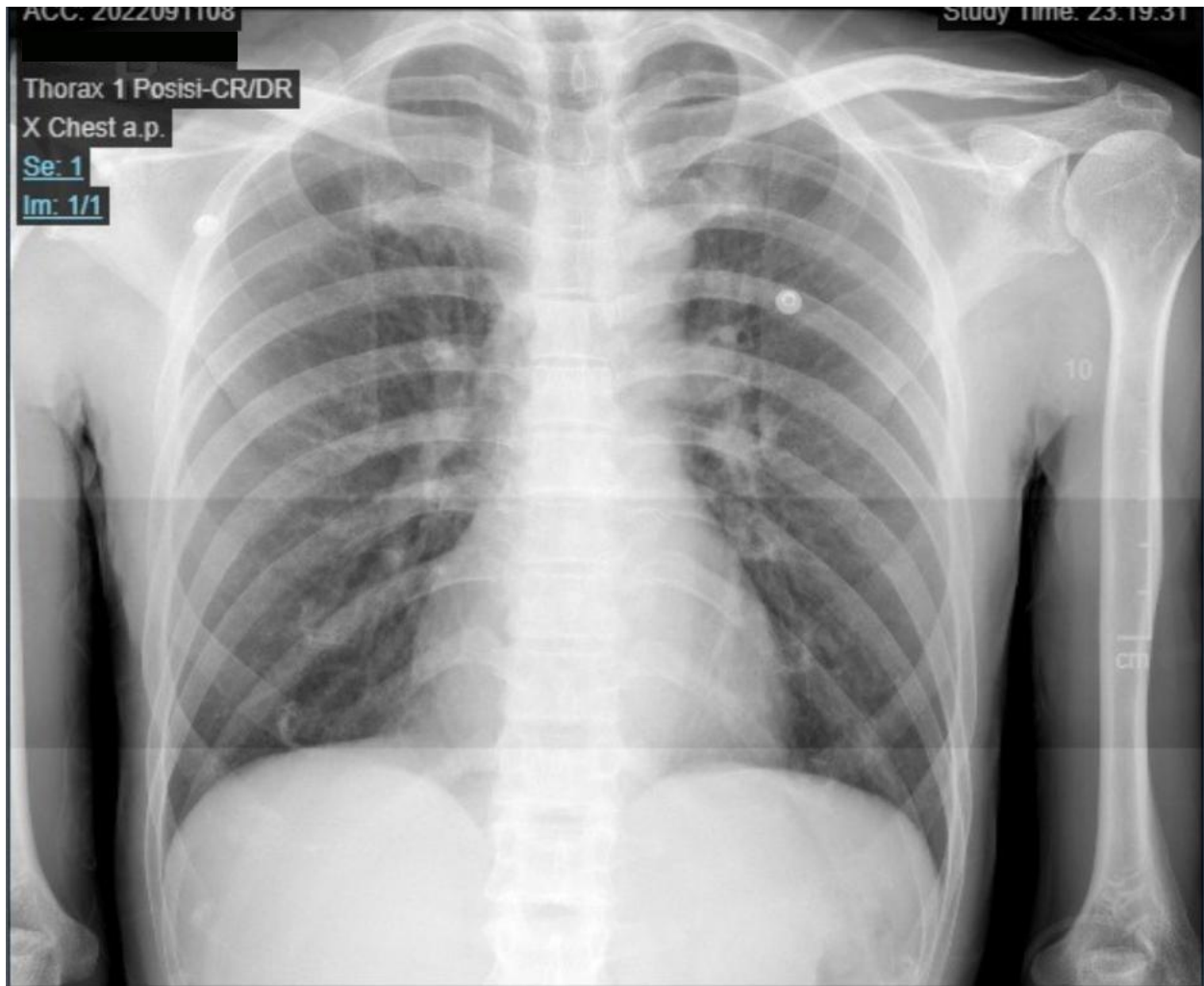
Supplementary Table 1. Laboratory findings on hospital admission, demonstrating leukocytosis, mild hypokalemia, and a normal high-sensitivity troponin level.

No	Examination	Result	Reference Range	Unit
1.	PATHOHEMATOLOGY			
	Complete Blood Count (Automated)			
	Hemoglobin	13.2	12.3 – 17.5	g/dl
	Leukocytes	13.6	4.4 – 11.3	10e3/ul
	Erythrocytes	4.39	4.50 – 5.90	10e6/ul
	Hematocrit	37.7	400 – 52.0	%
	Thrombocytes	114	150 - 350	10e3/ul
	Monocytes (%)	1.5	2 - 8	%
	Mean Corpuscular Volume	86.0	74 - 106	fL
	Mean Corpuscular Hemoglobin Concentration	35.1	33-36	gr/dl
	Mean Corpuscular Hemoglobin	30.1	28 - 33	pg
	Neutrophils (%)	91.3	50 - 70	%
	Lymphocytes (%)	7.0	25 – 60	%
	Neutrophils#	12.42	2 - 7	10 ³ /μL
	Lymphocytes#	0.96	0.8 – 4	10 ³ /μL
	Monocytes#	0.21	0.12 – 1.2	10 ³ /μL
	Basophils#	0.02	0 - 1	10 ³ /μL
	MPV	7.7	6.5 - 12	fL
	PDW	15.8	9 – 17	
	PCT	0.087	0.108 – 0.282	%
	RDW-CV	11.7	11 – 16	%
	RDW-SD	36.2	35 - 56	fL
	Eosinophils#	0.00	0.02 – 0.50	10 ³ /μL
	Basophils%	0.2	0 – 1	%
	Eosinophils%	0.0	2.0 – 4.0	%
	P-LCC	12		10 ⁹ /L
	P-LCR	11.0		%
	IMG#	0.09	0	10 ⁹ /L
	NRBC#	0.014		10 ⁹ /L
	IMG%	0.6	0	%
	NRBC%	0.10		10 ⁹ /L
	NLR	12.98	<3.3	-
2.	BIOCHEMISTRY			
	Chloride	97	98 – 109	mmol/l
	Creatinin	1.4	<1.1	mg/dl
	Glucose	142	70 – 140	mg/dl
	Potassium	3.2	3.7 – 5.3	mmol/l
	Sodium	136	135 – 148	mmol/l
	SGOT	39	<37	U/I
	SGPT	8	<42	U/I
	Ureum	34	10 - 50	mg/dl
3.	IMMUNOLOGY			
	HsTroponin	<1.5	Neg:<2; Grayzone:2-99;Pos:>100	ng/l

Supplementary Table 2. Transthoracic echocardiography on admission demonstrating preserved left ventricular systolic function (EF 56%) with mild tricuspid regurgitation.

Examination		Result	Unit	Examination		Result	Unit
Aorta		31	mm (20-39)	Ao Vmax		118	cm/s(≤250)
LA		28	mm (15-40)	EPSS		10	mm(<10)
LAVI			ml/m2 (16-28)	LA/Ao		0.90	1.1
LV study	LVIDd	44	mm(35-52)	IVS fract		33.33	>30
	LVIDs	31	mm(26-36)	PW fract		50.00	>30
	IVSd	6	mm(7-11)	IVS/PW ratio		0.67	<1.3
	IVSs	8	mm(-)	LV mass		92.06	67-162(P), 88-225(L)
	LVPWd	8	mm(7-11)	LVMI		56.6	≤95(P), ≤115(L)
	LVPWs	12	mm(-)	RWT		0.364	≤0.42
	EF	56	%(55-77)	Right heart study	PVAccT	123	>120 ms
	(Simpson)		%(55-77)		TAPSE	19	mm (17-22)
Diastolic function	e' lat	9	≥10 cm/s		RA Ø	38	mm(30-30)
	e' med	13	≥8 cm/s		RV Ø	30	mm(27-30)
	E/A	1	(0.78-1.14)				
	DT	363	ms (171-229)				
	E	62	cm/s(>10)				
	E/e'	5.64	(<8)				
TR velocity	2.08	m/s					
Findings	Cardiac chamber dimensions		Left atrium (LA) and left ventricle (LV) were not dilated				
	LV geometry		Right atrium (RA) and right ventricle (RV) were not dilated.				
	Cardiac walls		Normal geometry				
			IVS and LVPW were not thickened				
			IAS and IVS intact				
	Wall motion		Normokinetic				
	Valves	Mitral	Normal anatomy and function				
		Aortic	Tricuspid, normal anatomy and function				
	Tricuspid	Mild regurgitation, tricuspid valve gradient (TVG) 17 mmH					
	Pulmonary	Normal anatomy and function					
	Others	No pericardial effusion, no pleural effusion					
Conclusion	Cardiac chamber dimensions: Within normal limits.						
	Left ventricular systolic function: Preserved, with an ejection fraction (EF) of 56%.						
	Left ventricular diastolic function: Normal.						
	Right ventricular systolic function: Normal.						
	Tricuspid valve: Mild regurgitation.						

Supplementary Figure 1. Chest X-ray on admission showing normal lung fields and heart size.

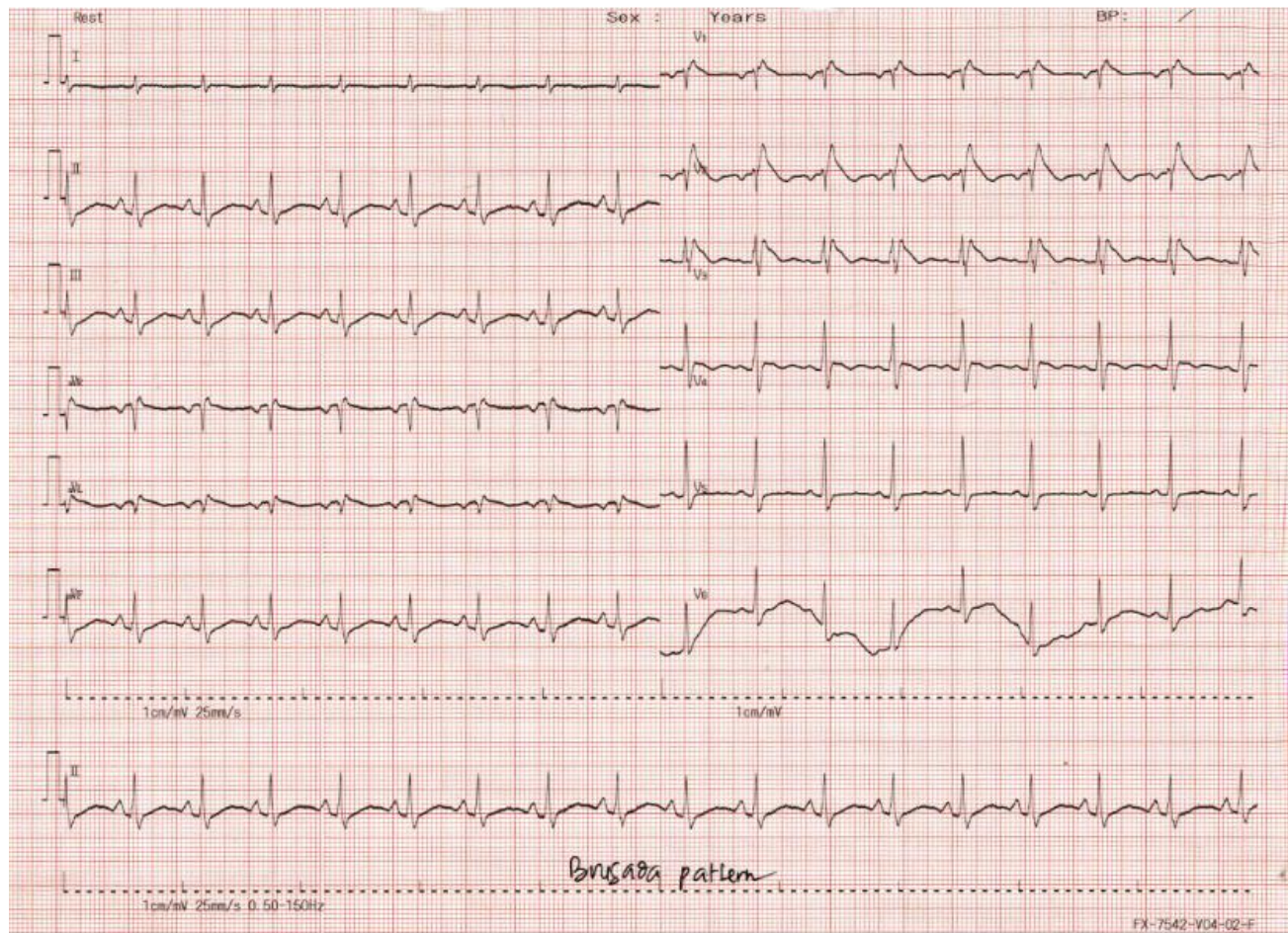


Chest X-ray (PA view):

- Both lung apices are clear.
- Bronchovascular markings are within normal limits.
- Costophrenic angles are sharp; diaphragms appear smooth.
- Cardiothoracic ratio (CTR) is less than 0.5.

Impression: Normal lung and heart size.

Supplementary Figure 3. Electrocardiogram on admission revealing ST-segment elevation with a coved morphology >2 mm, accompanied by T-wave inversion in precordial leads V1–V3, suggestive of Brugada type 1 pattern.



Supplementary Figure 4. Electrocardiogram after therapy showing resolution of ST-segment elevation in leads V1–V3.

