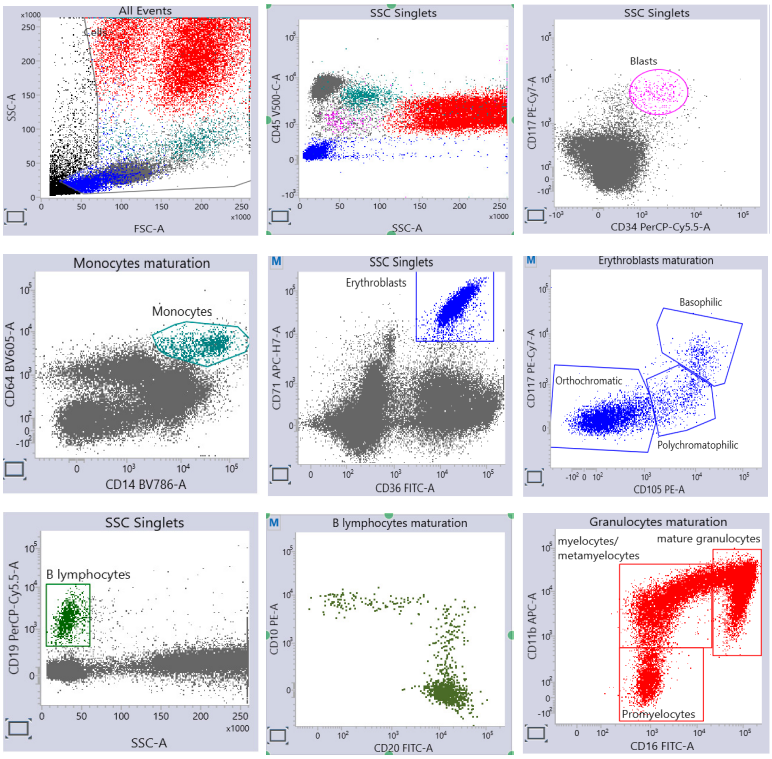
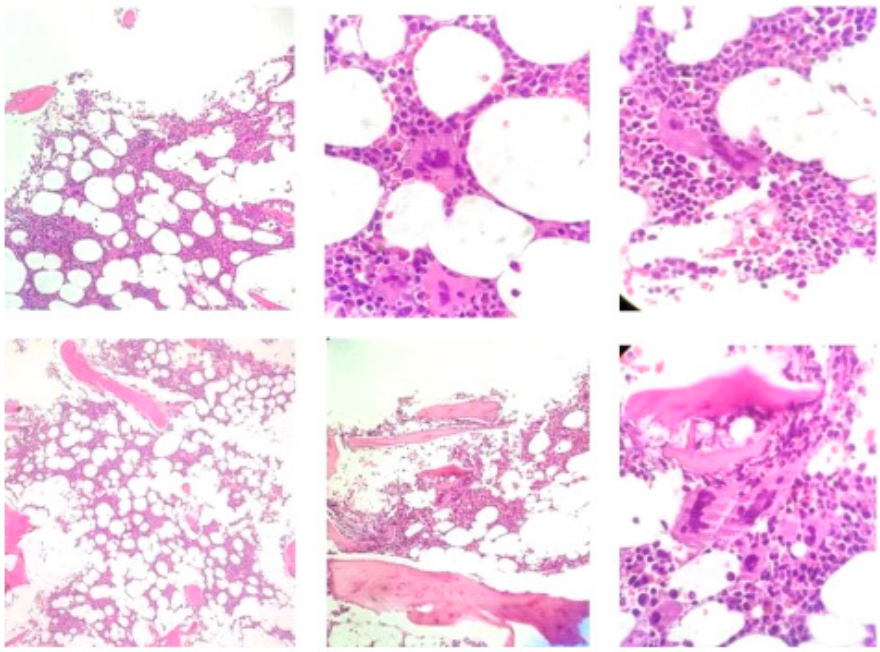
BLOOD COUNT	VALUE	U.M.	REFERENCE RANGE
Leukocytes	6,93	x1000/uL	[4.5-11.0]
Erythrocytes	4,48	x1000000/uL	[4.0-5.0]
Hemoglobin	13,3	g/dL	[12.0-15.5]
Hematocrit	41,4	%	[35.0-47.0]
Mean Corpuscular Volume (MCV)	92,3	fL	[80-100]
Mean Corpuscular Hemoglobin (MCH)	29,7	pg	[27.0-31.0]
Mean Corpuscular Hemoglobin Concentration (MCHC)	32,2	g/dL	[33.0-37.0]
Red blood cells Distribution Width (RDW)	15,1	%	[11.0-15.0]
Platelets	514	x1000/uL	[150-450]
Platelet Distribution Width (PDW)	14,2	%	[15.0-65.0]
Plateletcrit (PCT)	0,60	%	[0.12-0.36]
Mean Platelet Volume (MPV)	11,2	fL	[7.2-11.1]
Neutrophils%	53,9	%	[40.0-74.0]
Lymphocytes%	32,4	%	[19.0-48.0]
Monocytes%	9,0	%	[3.4-9.0]
Eosinophils%	3,6	%	[0.0-7.0]
Basophils%	1,1	%	[0.0-1.5]
Neutrophils#	3,74	x1000/uL	[1.90-8.00]
Lymphocytes#	2,24	x1000/uL	[0.90-5.20]
Monocytes#	0,62	x1000/uL	[0.16-1.00
Eosinophils#	0,24	x1000/uL	[0.00-0.80]
Basophils#	0,07	x1000/uL	[0.00-0.20]
Reticulocytes **Immature Reticulocyte Fraction (IRF)** **Reticulocytes%** **Reticulocytes#**	 0,102 1,62 72,50	 % x 1000/mcL	 [0.5-2.0] [25-75]
Prothrombin Time (PT) **PT (Ratio)**	1,01 1,01	INR	[0.80-1.20] [0.80-1.20]
Activated partial thromboplastin time (aPTT) **aPTT (Ratio)**	32,40 1,09	Seconds Ratio	[22,00-34,00] [0.80-1.25]
Fibrinogen	338	mg/dL	[150-400]
Glucose	83	mg/dL	[70-110]
Creatinine **Glomerular Filtration Rate (GFR)**	0,79 76	mg/dL	[0.60-1.30]
Aspartate Aminotransferase (AST)(GOT)	21,0	U/L	[10.0-42.0]
Alanin Aminotransferase (ALT)(GPT)	20,0	U/L	[10-50]
Bilirubine Fractionated: Total Bilirubine Direct Bilirubine Indirect Bilirubine	 0,80 0,27 0,52	 mg/dL mg/dL mg/dL	 [0.10-1.00] [0.00-0.35] [0.00-0.65]
Lactate dehydrogenase (LDH)	288	U/L	[125.00-243.00]
Homocysteine	8,45	mcmol/L	[<13.0]
Ab LAC **aPTT LA screening** **Dilute Russell Viper Venom Test (DRVVT)**	Negative 1,05 0,89	 Ratio Ratio	 [<1.28] [<1.24]
Ab anti-phospholipid: ab anti cardiolipin IgG ab anti cardiolipin IgM ab anti beta2 glycoprotein IgG ab anti beta2 glycoprotein IgM	Negative 1,70 2,30 0,70 2,90	 GPL/ml MPL/ml U/ml U/ml	 [<11.0] [<30.0] [<9.0] [<9.0]
Molecular and cytogenetic analyses (peripheral blood): molecular analysis *BCR-ABL* rearrangement t(9;22)(q34;q11) quantitative molecular analysis of *JAK2* V617F mutation molecular analysis of *JAK2* (exon 12) molecular analysis of *MPL* W515L/K mutation molecular analysis of *CALR*	 Negative 6,1 Negative Negative Negative		 [<0,1] [<0,1]

Supplementary Table S1. Biochemical, immunological, genetic analysis on peripheral venous blood of patient.



Supplementary Figure S1. Leucocytes Immunophenotyping by flow cytometry analysis carried out on bone marrow aspirate.



Supplementary Figure S2. Histological analysis of bone marrow. Microscope magnifications: upper left and lower left 100x, central bottom 200x, central top, upper right and lower right 400x