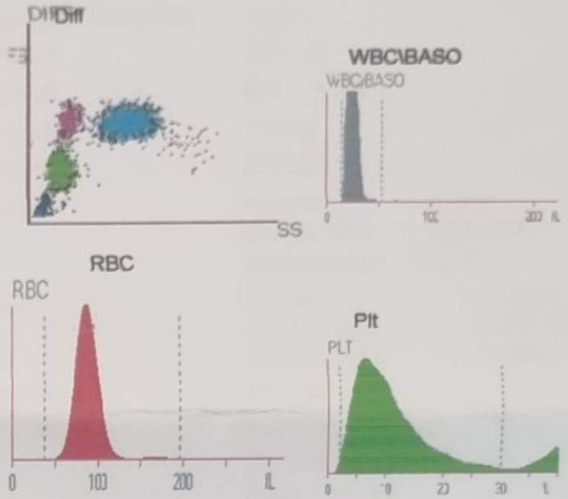
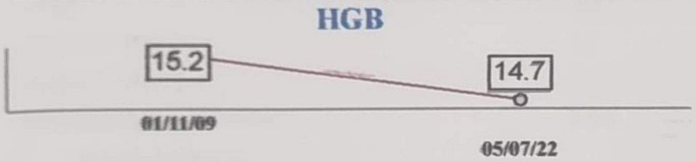
Hematology

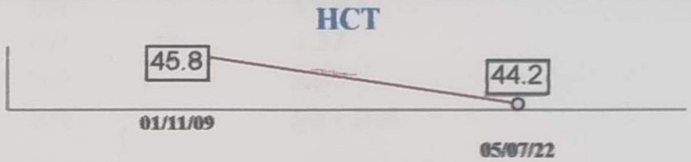
Test	Result	Unit	Method	Reference Interval
PT-Patient-Time				
P T (PATIENT)	13.0	Sec	Coagulo	13.0
I.N.R.	1.0			2.0 - 3.0 Oral Anticoagulant Tera 2.5 - 3.5 Mechanical Heart Valve
P.T. (CONTROL)	13.0	Sec		13.0
PTT	36	Sec		35 - 45
ESR 1st hr	7	m.m		Up to 12

Complete Blood Count~

	Result		Unit	Reference Value
C.B.C	Attached Sheet			
W.B.C	4.62		10*3/µL	3.5-10.5
R.B.C	5.02		10*6/µL	4.32 - 5.72
HGB	14.7		g/dL	11 - 16
HCT	44.2		%	38.8 - 51
M.C.V	88		fL	81.2 - 100
M.C.H	29.3		pg	26 - 35
M.C.H.C.	33.3		g/dL	31 - 37
PLATELETS	172		10*3/µL	150 - 450
RDW-SD	46.4			
RDW-CV	12.6		%	11.8 - 15.6
Microscopic diff %	**Result**		**Unit**	**Reference Value**
NEUT	50		%	50 - 70
LYMP	42	H	%	20 - 40
MONO	7		%	0 - 12
EOSIN	1		%	0.5 - 5









Dr F Shamjan DCLS

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Biochemistry

Test		Result	Unit	Method	Reference Interval
Fasting blood sugar		89	mg/dL		Normal fbs : 70 -100 Prediabetes : 100 - 125 Diabetes : >125
Hb A1C		4.9	%		Normal : <6.0 Prediabetics : 6.0 - 6.4 Diabetic : >6.4 Good Control : 6.4 - 7.0 Fair Control : 7.0 - 9.5 Poor Control : >9.5
eAG		94	mg /dL	Calculat	<125
Urea		40	mg/dL		19 - 44
BUN		18.7	mg/dL		8.9 - 20.5
Creatinine		0.8	mg/dL		Males : 0.7 - 1.4
Uric Acid		4.7	mg/dL		3.6-8.2
Cholesterol Total	H	230 *	mg/dL		Normal : <200 Borderline : 200-240 Pathogenic :>240
Trighycerides		168	mg/dL		Normal :<200 Borderline :200-400 Pathogenic :>400
HDLCholesterol		45	mg/dL		35 - 60
LDL Cholesterol	H	151	mg/dL		Normal : < 100 Borderline : 100-130 High : >130
LDL/HDL RATIO		3.36	Ratio		Low risk < 3 Moderate risk : 3 - 6 High risk > 6
VLDL		34	IU/L		5 - 46
S.G.O.T (AST)		17	U/L		<37
S.G.P.T (ALT)		16	U/L		<40
Phosphatase Alkaline		146	U/L		80 - 306
Total .Bilirubin					
Bilirubin Total		0.6	mg/dL		0.1 - 1.2
Bilirubin Direct		0.2	mg /dL		<0.4
Bilirubin Indirect		0.4	mg /dL		0.1-0.8
Calcium.Ca		9.6	mg/dL		8.5 - 10.5
Phosphorus.P		3.0	mg/dL		2.6 - 4.5

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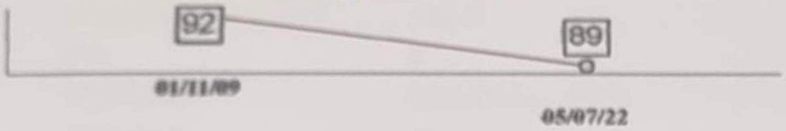
Biochemistry Continue

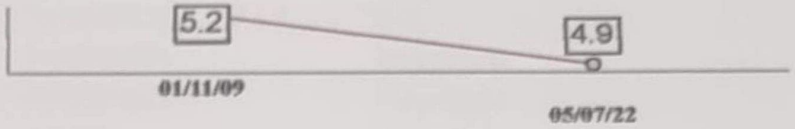
Magnesium.Mg	2.0	mg /dL		1.7 - 2.6
Iron Serum .Fe	86	micg/dL		40 - 168
Iron Binding Capacity	310	micg/dL		250 - 450
Sodium.Na	143	mEq/L		135 - 145
Potassium.(K)	4.0	mEq/L		3.5 - 5.1
Zinc	102	micg/dL		73 - 127
Ferritin	228.21	ng /mL	ELISA	20 - 250
Folic Acid	9.73	ng/mL	ELISA	Normal Range: 6 -20 Possible Deficiency : 4-5.9 Deficiency : <4.0 Elevated : >20

** = Confirmed by Repeated Analysis*

Fasting blood sugar



Hb A1C



Cholesterol Total



Triglycerides



Hormones

Test		Result	Unit	Method	Reference Interval
T3 Triiodothyronine (T-3)		0.93	ng/mL	ELISA	0.6 - 2.1
Thyroxin Total (T-4)		8.51	µg/dL	ELISA	4.7 - 12.5
TSH		1.29	µIU/mL	ELISA	0.3 - 5.1
25-Hydroxy Vitamin.D	L	21.89	ng /mL	ELISA	Deficient : <20 insufficient :20 - 29 Sufficient : 30 - 100 Potential Intoxication : >100
Vitamin.B12		495.16	pg/mL		160 - 950

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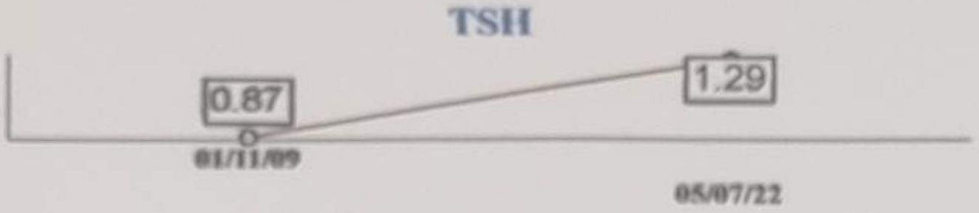

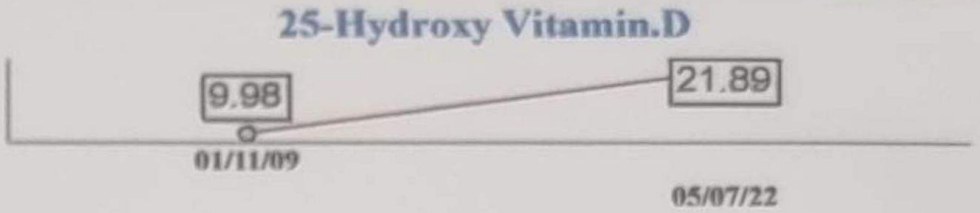

Serology

Test	Result	Unit	Method	Reference Interval
CRP (Quantitative)	2.8	mg/L		up to 6.0

Urinalysis

Urinalysis

Macroscopic		Microscopic	
COLOR	Yellow	W.B.C.	1-2
APPEARANCE	Clear	R.B.C.	0-1
SPECIFIC GRAVITY	1020	EPITHELIAL CELLS	0-1
PH	5	BACTERIA	Negative
PROTEIN	Negative	CRYSTALS	Negative
GLUCOSE	Negative	CASTS	Negative
KETONE	Negative	MUCUS	Negative
BLOOD/HGB	Negative		
BILIRUBIN	Negative		
UROBILINOGEN	Negative		
NITRITE	Negative		

Microbiology

Urine Culture~

CULTURE	No Bacteria Growth after a period of 24-hrs incubation.

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