

Table 1. Laboratory data on presentation 2008:			
WBC	1.5 (L) x10(3)/mcL	4-11	
Hemoglobin	8.9 (L) g/dL	11.5-15.0	
Hematocrit	24.8 (L)%	34-46	
MCV	83.6 fL	80-100	
Platelets	242 x10(3)/mcL	150-450	
Haptoglobin	646 (H) mg/dL	43-212 mg/dL	
Lactate Dehydrogenase	199 (H) IU/L	(100-190)	
Albumin	0.6 (L*) g/dL	3.4-5.0	
Bilirubin	0.18 mg/dL	<1.00	
Calcium	7.0 (L) mg/dL	8.5-10.1	
Carbon Dioxide	27.6 mmol/L	21-32	
Chloride	103 mmol/L	100-108	
Creatinine	1.2 mg/dL	0.6-1.3	
Alkaline Phosphatase	94 U/L	50-136	
Potassium	4.1 mmol/L	3.6-5.2	
Protein	5.1 (L) g/dL	6.4-8.2	
Sodium	137 mmol/L	137-146	
Alanine Aminotransferase	29 (L) U/L	30-65	
Aspartate Aminotransferase	30 U/L	15-378	
Lipid Panel:			
LDL Cholesterol	87.6 mg/dL	(0-99)	
HDL Cholesterol	30 (L) mg/dL	32-96	
Cholesterol	166 mg/dL	<200	
Triglyceride	201 mg/dL	<150	
Blood cultures x2	Negative		
ESR	>140 (H) mm/hr	(0-20)	
C-Reactive Protein	39.9 mg/dL	<3	
Complement C3	74 (L)	90-180	
Complement C4	4 (L)	16-47	
Complement CH50	<10 (L)	31-66	
Nuclear Ab Panel			

DNA Double Strand Ab	>300 (H) IU/mL	<0-4	
Smith Extractable Nuclear Ab	POSITIVE (H)	NEGATIVE	
Ribonucleoprotein Extractable Nuclear Ab	POSITIVE (H)	NEGATIVE	
SS-A Ab	POSITIVE (H)	NEGATIVE	
SS-B Ab	NEGATIVE	NEGATIVE	
Centromere Ab	NEGATIVE <i>	NEGATIVE	
Nuclear Ab	POSITIVE (H) <i>	NEGATIVE	
Protein Electrophoresis Urine:			
Albumin/Globulin	1.2	1.0-2.0	
Albumin	503.4 mg/dL	0.6-1.3	
Alpha-1-Globulin	158.2 mg/dL	0.6-1.0	
Alpha-2-Globulin	59.4 mg/dL	0.7-1.5	
Beta-Globulin	66.6 mg/dL	0.1-0.4	
Gamma-Globulin	139.3 mg/dL	3.2-5.0	
Protein	927.0 mg/dL	6.0-8.0	
Immunofixation Panel			
IgA	729.0 (H) mg/dL	73-358	
IgG	987.00 mg/dL	649-1634	
IgM	96.0 mg/dL	53-251	
Interpretation IFE	No M-protein noted		
Urine Protein	882 mg/dL		
Urine Creatinine	87.19 mg/dL		
Urinalysis			
pH	6.5	pH (5.0-9.0)	
Specific Gravity Refractometry	1.017	(1.001-1.030)	
RBC	20-30 (H)/HPF	(NEG)	
WBC	3-5/HPF	(NEG)	
WBC Casts	0-2 (H)/LPF		
Granular Casts Fine	0-2 (H)/LPF		
Hyaline Casts	0-2/LPF		
Protein	>=300 mg/dL		

Glucose	NEGATIVE		
Blood	MODERATE		
pH	6.5	pH (5.0-9.0)	
Neutrophil Cytoplasmic Ab (ANCA) Vasculitides Panel			
Proteinase 3 Ab	<6 U/mL	<6 negative	
Myeloperoxidase Ab	9 (H) U/mL	<6 negative	
Phospholipid Ab Panel			
Beta-2 Glycoprotein 1 Ab IgA	>100 (H) U/mL	<10	
Beta-2 Glycoprotein 1 Ab IgG	<20 U/mL	<20	
Beta-2 Glycoprotein 1 Ab IgM	<10 U/mL	<10	
Phosphatidylserine Ab IgA	<20 U/mL	<20	
Phosphatidylserine Ab IgG	11 (H) U/mL	<20	
Phosphatidylserine Ab IgM	<25 U/mL	<11	
Cardiolipin Ab IgA	<10 APL/mL	<10	
Cardiolipin Ab IgG	18 (H) GPL/mL	<10	
Cardiolipin Ab IgM	<10 MPL/mL	<10	
Angiotensin Converting Enzyme	7 (L) U/L	Ref Range (9-67)	

Table 3. Laboratory			
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data following resolution of infection			
WBC	4.6 (L) x10(3)/mcL	4-11	WBC
Hemoglobin	12.2 (L) g/dL	11.5-15.0	Hemoglobin
Hematocrit	35.1 (L)%	34-46	Hematocrit
MCV	86.4 fL	80-100	MCV
Platelets	302 x10(3)/mcL	150-450	Platelets
Albumin	3.7 g/dL	3.4-5.0	
Bilirubin	0.43 mg/dL	<1.00	
Calcium	9.4 mg/dL	8.5-10.1	
Carbon Dioxide	31.9 mmol/L	21-32	
Chloride	102 mmol/L	100-108	
Creatinine	0.7 mg/dL	0.6-1.3	
Alkaline Phosphatase	186 U/L	50-136	
Potassium	3.4 mmol/L	3.6-5.2	
Protein	7.6 g/dL	6.4-8.2	
Sodium	141.7 mmol/L	137-146	
Alanine Aminotransferase	45 U/L	30-65	
Aspartate Aminotransferase	22 U/L	15-378	
Albumin	3.7 g/dL	3.4-5.0	
Nuclear Ab Panel:			
Smith Extractable Nuclear Ab	Negative	Negative	
Ribonucleoprotein Extractable Nuclear Ab	Negative	Negative	
Centromere Ab	Negative	Negative	
SS-A Ab	Negative	Negative	
SS-B Ab	Positive		
DNA Double Strand Ab	4 <i> IU/mL		
Complement C3	166 mg/dL	82-167 mg/dL	
Complement C4	23 mg/dL	14-144 mg/dL	

Date C3 C4 ANA dsDNA Uprot/Cr (mg/d) RBC on UA

8/09	108	16	(+)	8	25/54.85=460 mg/d	None
7/09	158	23	-	-	19/49.17=390 mg/d	-
6/09	-	-	-	-	46/43.77=1.05 g/d	-
5/09	153	20	-	-	22/24.63=890 mg/d	-
3/09	-	-	1:160	10	158/46.79=3.38 g/d	-
2/09	163	18	(+)	10	280/42.16=6.64 g/d	-
10/08	128	15	(+)	17	-	-
9/08	142	17	(+)	30	-	-
8/08	-	-	-	52	97/9.73=9.97 g/d	-
7/08	99	9	-	-	332/70.65=4.7 g/d	-
6/08	74	4	(+)	>300	882/87.19=10.1g/d	20-30

Table 4. Laboratory data December 2019			
WBC	4.70 x10(3)/mcl		
Hemoglobin	12.5 g/dL		

Hematocrit	36.7%		
MCV	86.2 fL		
Platelets	309 x10(3)/mcL		
Albumin	4.2 g/dL	3.4-5.0	
Bilirubin	0.49 mg/dL	<1.00	
Calcium	9.9 mg/dL	8.5-10.1	
Carbon Dioxide	32 mmol/L	21-32	
Chloride	107 mmol/L	100-108	
Creatinine	0.8 mg/dL	0.6-1.3	
Alkaline Phosphatase	87 U/L	50-136	
Potassium	4.2 mmol/L	3.6-5.2	
Protein	8.0 g/dL	6.4-8.2	
Sodium	141 mmol/L	137-146	
Alanine Aminotransferase	23 U/L	(12-78)	
Aspartate Aminotransferase	17 U/L	(15-37)	
Urinalysis:			
pH	7.0	(5.0-9.0)	
Specific Gravity Refractometry	1.012	(1.003-1035)	
Appearance	Clear	(Clear-Amber)	
Protein	Negative	Negative	
Glucose	Normal	Normal	
Ketones	Negative	(0-5)	
Bilirubin	Negative	(NEGATIVE)	
Nitrite	Negative	Negative	
Leukocyte Esterase	Negative	(Negative)	
Hemoglobin	Negative	(NEGATIVE)	
Systemic Lupus Erythematosus Profile A Site:			
Rheumatoid Factor	<7.0 IU/mL	0.0-13.9	
Smith Extractable Nuclear Ab	<0.2 AI	0.0-0.9	
Ribonucleoprotein Extractable Nuclear Ab	<0.2 AI	0.0-0.9	
Chromatin Ab	3.0 (H) AI	0.0-0.9	
SS-A Ab	0.6 AI	0.0-0.9	
SS-B Ab	<0.2 AI	0.0-0.9	

DNA Double Strand Ab	4 <i> IU/mL	0-9	
Complement C3	133 mg/dL	82-167 mg/dL	
Complement C4	19 mg/dL	14-144 mg/dL	
Lupus Anticoagulant Panel w/ Reflex:			
PTT-LA	49.8 Sec	0.0-51.9	
DRVVT	31.3 Sec	0.0-47.0	

Table 2. Infectious panel			
Hepatitis B Virus DNA	<160	copies/mL	
Hepatitis B Virus DNA Ultrasensitive	<100	IU/mL	
Hepatitis C Virus Ab	NEGATIVE <i>		
HIV-1/O/2 Ab	NON-REACTIVE <i>		
HiV-1 Ab rapid	Negative		
Treponema pallidum Ab IgG	SERUM	REACTIVE (H) <i>	
Reagin Ab	SERUM	REACTIVE (H) <i>	
Reagin Ab Titer	SERUM	1:4 (H) <i>	Titer units
FTA T. pallidum Ab	SERUM	NOPER <i>	
VDRL			
Reagin Ab	CEREBROSPINAL FLUID	NON-REACTIVE <i>	
CSF Exam			
Color	CEREBROSPINAL FLUID	COLORLESS	
Appearance	CEREBROSPINAL FLUID	CLEAR	
RBC	CEREBROSPINAL FLUID	<1 -A- <i> <r>	/mcl
Lymphocytes	CEREBROSPINAL FLUID	82	%
WBC	CEREBROSPINAL	<1 -A- <i> <r>	/mcl

	FLUID		
Monocytes	CEREBROSPINAL FLUID	18	%
Pathologist Review	CEREBROSPINAL FLUID	SN <r>	
Cell Count	CEREBROSPINAL FLUID	39	
Tube Number	CEREBROSPINAL FLUID	4	Number
Chem Panel CSF			
Glucose	CEREBROSPINAL FLUID	62	mg/dL
Protein	CEREBROSPINAL FLUID	22.0	mg/dL
Cytomegalovirus Ab IgG	POSITIVE <i>		
Cytomegalovirus Ab IgM	NEGATIVE <i>		
Monospot: Heterophile Ab	NEGATIVE <i>		
Cryptococcus sp. Ag	NEG		
Histoplasma capsulatum Ag	<2.00	EIA Units	
Toxoplasma gondii Ab IgG	NEGATIVE <i>		
Toxoplasma gondii Ab IgM	NEGATIVE <i>		
Acid Fast Bacilli Culture+ Smear	Negative		
Aspergillus niger Ab	NEGATIVE		
Aspergillus fumigatus Ab	NEGATIVE <r>		
Aspergillus flavus Ab	NEGATIVE		
Blastomyces sp. Ab	NEGATIVE <r>		
Coccidioides immitis Ab	NEGATIVE <r>		
Histoplasma capsulatum Yeast Ab	<1:8		
Histoplasma capsulatum Mycelial Ab	<1:8 <r>		

Aspergillus niger Ab	NEGATIVE		
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