

The patient is a 38 year old man who had a LRD kidney transplant in 1983 because of congenital hydronephrosis. He was hospitalized because of worsening anemia discovered during a routine clinic visit. He had been somewhat more fatigued recently. He had a flu-like febrile illness within the past month, but is no longer having any fevers. Both of his children had had a brief febrile illness with an associated skin rash prior to this. There was no history of bleeding. Review of systems showed a recent 7 lb weight loss.

PAST HISTORY:

1. Status post LRD renal transplant 1983. His renal function has been declining slowly for the past two years.
2. History of recurrent sinopulmonary infections treated with various antibiotics for the past several months.
3. Recurrent warts and skin cancers

Medications:

1. Mycophenolate 1 gram b.i.d.
2. Prednisone 10 mg daily

Social History: Married, three children. Former smoker (1 ppd). No alcohol. Works as car salesman.

Family History: Negative for blood disorders or kidney disease. Mother with MS. One child with asthma.

Review of systems: Bitemporal headaches intermittently for past few weeks. Occasional constipation. Otherwise negative.

Physical Exam: A slender (118 lb) man in no apparent distress. Normal vital signs. No lymphadenopathy. Head and neck normal, no scleral icterus. Diffuse pulmonary wheezes and a few crackles at the lung bases. Normal heart. Abdomen normal without hepatosplenomegaly, no bruits. No peripheral edema. Numerous warts.

**CBC and differential
Blood smear
Retic count
INR
aPTT**

Bone marrow biopsy

**Iron/TIBC
Ferritin
B-12
Folate**

**ESR
Hemoglobin electrophoresis
Hemoglobin A2
Haptoglobin
Osmotic fragility
G6PD
EPO**

**Fibrinogen
D-dimer**

**SPEP
Serum immunofixation
UPEP
Urine immunofixation
Quantitative immunoglobulins
Serum viscosity**

**Lytes, glucose, creat, BUN
AST, ALT
Alk phos, GGT
Bilirubin
LDH
CRP
Uric acid
Albumin, total protein**

**Urinalysis
Urine hemosiderin**

**Chest xray
Skeletal survey
Body CT
V/Q scan
Helical chest CT
Other radiology**

**EBV serology
CMV
Hepatitis B
Hepatitis C
Other infectious agents**

Other procedures