

Physician/Client Information		Patient Information	
<b>Default Practice</b>		Name: <b>DEFAULT PATIENT</b>	
<b>Default Physician</b>		DOB: 00//00/0000	Age: 00      Sex: M/F
Default Address		Phone #: (000) 000-0000	
Default City, State Zip		Ex MR#: 00000	
Phone: (000) 000-0000		Ex Acc #: 0000000	
Fax: (000) 000-0000		Accession #: <b>HS00-00000</b>	
Collected: 00/00/0000 00:00 PM	Received: 00/00/0000 00:00 PM	Reported: 00/00/0000 00:00 AM	Report Status: <b>Final</b>

**HEMATOPATHOLOGY SERVICE**

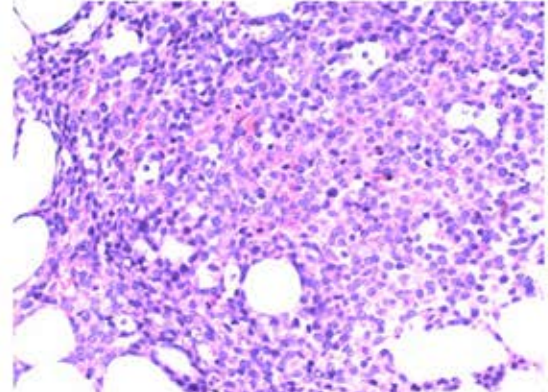
**CASE SUMMARY:**

**A. BONE MARROW (ASPIRATE AND CORE BIOPSY):**

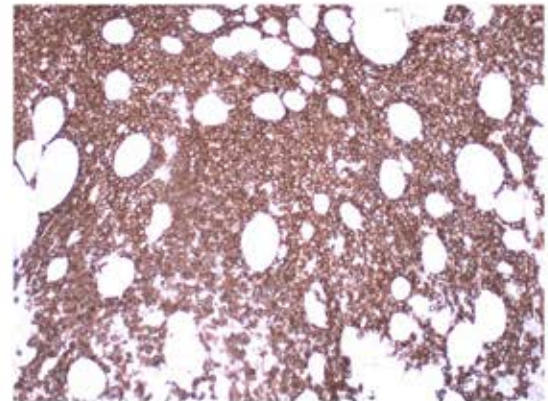
- **PLASMA CELL MYELOMA, EXTENSIVELY INVOLVING BONE MARROW**
- **DECREASED STAINABLE IRON STORES (PLEASE CORRELATE WITH OTHER LABORATORY STUDIES)**
- **RESIDUAL MATURING TRILINEAGE HEMATOPOIESIS**
- **PROGNOSTIC FISH STUDIES: NO ABNORMALITIES IDENTIFIED**
- **KARYOTYPE ANALYSIS: NORMAL FINDINGS**

**Comment:**

The patient is a 76-year-old lady with a provided clinical history of lytic bone lesions and monoclonal paraprotein. Provided laboratory studies also indicate the presence of hypercalcemia and mild anemia. The bone marrow is hypercellular for the patient's age (~60% cellular). Plasma cells comprise ~90% of overall marrow cellularity. Concurrently performed flow cytometric analysis demonstrates plasma cell clonality within immunophenotype consistent with plasma cell dyscrasia. Histologic, clinical, and laboratory findings are consistent with a diagnosis of plasma cell myeloma.



Hypercellular bone marrow with extensive plasma cell infiltrate



Core biopsy. CD138