

Patient name:	Bonnell, Frank S.	Case number:	S06-0130		
Patient ID:	48295819	Collection date:	6/27/2006 08:33		
Date of birth:	08/09/1951	Age: 54	Sex: M	Delivery date:	6/27/2006 08:33
Provider:	Joseph Black, MD	Approval date:	00/00/00 00:00		

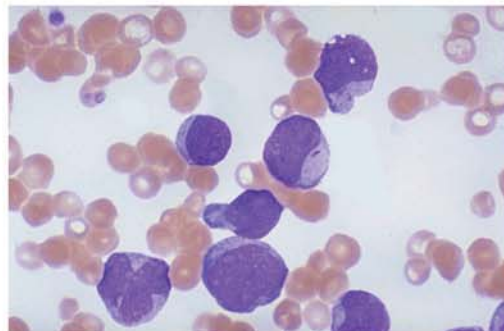
Final Bone Marrow Pathology Report

FINAL DIAGNOSIS

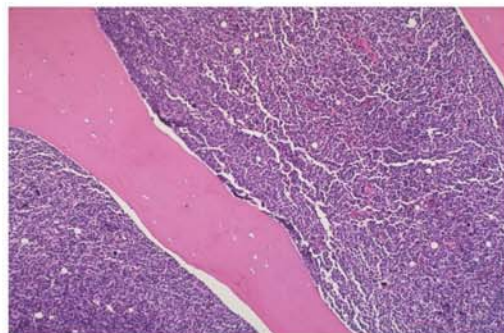
Peripheral Blood Smear: Peripheral Blood with thrombocytopenia and Acute Myeloid Leukemia (AML-NOS), with 22% blasts.

Bone Marrow, Core Biopsy, Aspirate Smears and Particle Sections: Hypercellular bone marrow (80%) with Acute Myeloid Leukemia (AML-NOS) with 70% blasts.

Comment: The Acute Myeloid Leukemia (AML) represents a transformation from chronic myelomonocytic leukemia. Dr. Black was telephoned with the preliminary diagnosis 6-27-2006.



Bonnell, Frank S.



Bonnell, Frank

Flow Cytometry Interpretation

Bone Marrow: A blast population expressing dim CD-45, HLA-DR, dim CD4, CD13, CD34, and CD117 is identified at 68% of ficolled cells. This phenotype is consistent with relapsed Acute Myeloid Leukemia. See separate report.

Clinical History: The patient is a 54-year-old male with a history of chronic myelomonocytic leukemia in 2005, now status post induction and consolidation therapy. His last chemotherapy was one month ago.

Gross Examination

Left Bone Marrow Core Biopsy: The specimen is received in a single container labelled with the patient's name: Bonnell, Frank. The specimen consists of 2 cylindrical fragments of tan-red bone with a diameter of 0.2 cm each and lengths of 0.6 and 0.5 cm. Touch preps are made and 4 are stained. The specimen is submitted in its entirety following B-plus fixation and decalcification.

Left Bone Marrow Aspirate: The specimen is received in a single container labelled with the patient's name: Bonnell, Frank. The specimen consists of approximately 1.0 cc of bone marrow aspirate in EDTA. Few particles are identified. Aspirate smears are prepared and 3 are stained, and the remainder of the specimen is submitted in B-plus fixative for preparation of particle sections.

Microscopic Description

Aspirate smears, touch preparations, particle sections and bone marrow core biopsy material were adequate. Cellularity: Markedly hypercellular marrow (80%). Myeloid series are markedly increased, demonstrating abnormal maturation with dyspoiesis and sheets of blasts. The Erythroid series shows normal numbers with orderly maturation. Megakaryocytes are