The Aperture

Auer Rods Galore!

The diagnostic intracellular inclusions (Auer rods) found in this touch preparation of a core bone marrow biopsy helped provide basis for the diagnosis in this case.

The patient, a 48-year-old man, presented with increasing fatigue and pancytopenia. A bone marrow biopsy demonstrated a marked increase in hypergranular, immature myeloid cells, as well as a plethora of Auer rods. The diagnosis was confirmed by cytogenetic studies which showed a C15:17 translocation [t(15:17)].

Keywords:

Bone marrow cells;
Bone marrow examination;
Pancytopenia;
Asthenia

Diagnosis – Acute Promyelocytic Leukemia

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The Aperture, like the opening in the lens of a microscope that allows light to pass through, is a forum for art, humor, and images that provides a portal for new or different views of medicine and research.