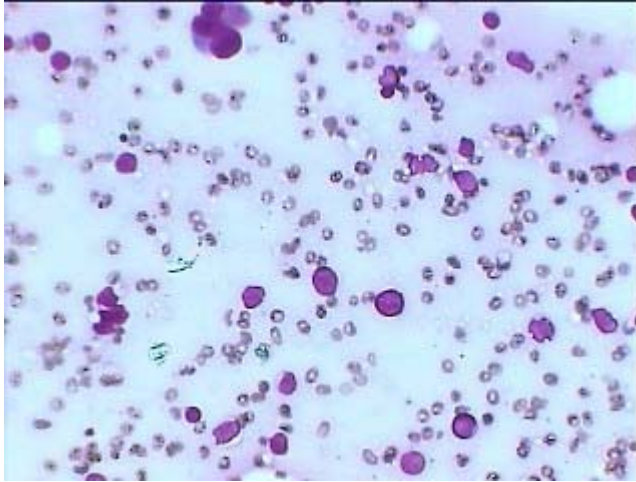
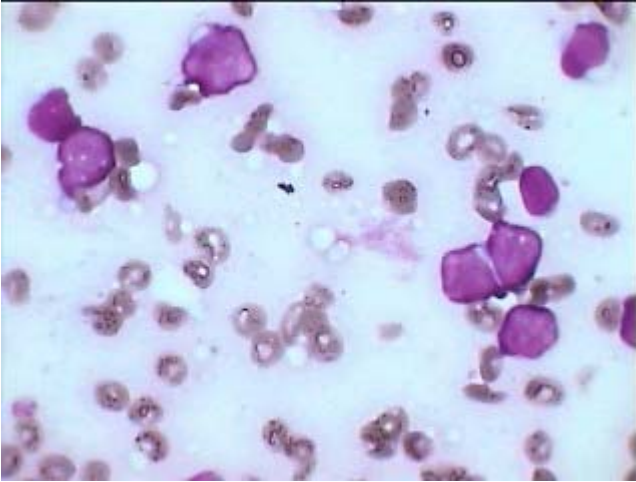
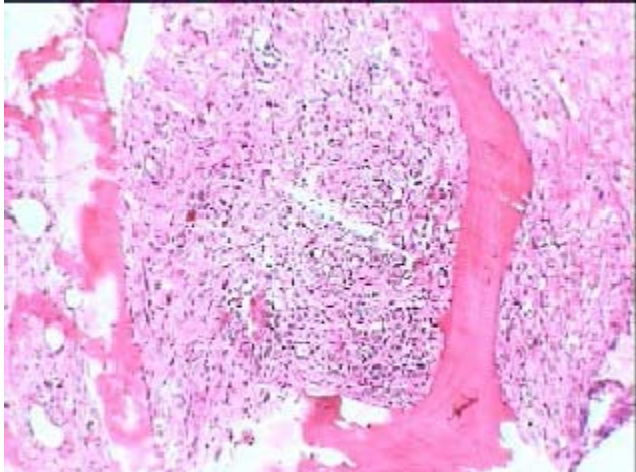
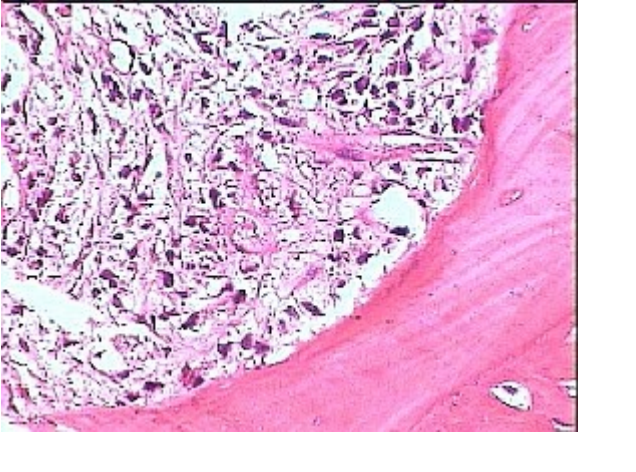


## Acute Malignant Myelofibrosis

|   |   |
|---|---|
| <p>(1)</p>   | <p>(2)</p>    |
| <p>Scanty cellularity (under HP) in BM showing one megakaryocyte and few atypical immature cells-Acute leukemia in aleukemic phase gone to myelofibrosis as shown below</p> | <p>Neoplastic leucoblasts (selected field from Biopsy imprint under Oil Imm) in a hypocellular marrow. This case had pancytopenia and BM biopsy showed scanty cellularity/myelofibrosis.</p>                              |
| <p>(3)</p>   | <p>(4)</p>    |
| <p>BM Biopsy of the same patient (H &amp; E Under HP) showing scanty cellularity with myelofibrosis.</p>  | <p>Same biopsy (histology) under Oil Imm. showing scanty cellularity consisting of atypical cells with myelofibrosis. It is only in the biopsy imprints that morphology of atypical cells is distinct as shown above.</p> |

It is emphasized that peripheral pancytopenia & scanty cellularity (appear as mature lymphocytes) in BM are usually diagnosed as aplasia but morphology of such scanty cell is much better appreciated in BM aspiration smears or Biopsy imprint smears as shown above in images 2 & 4.