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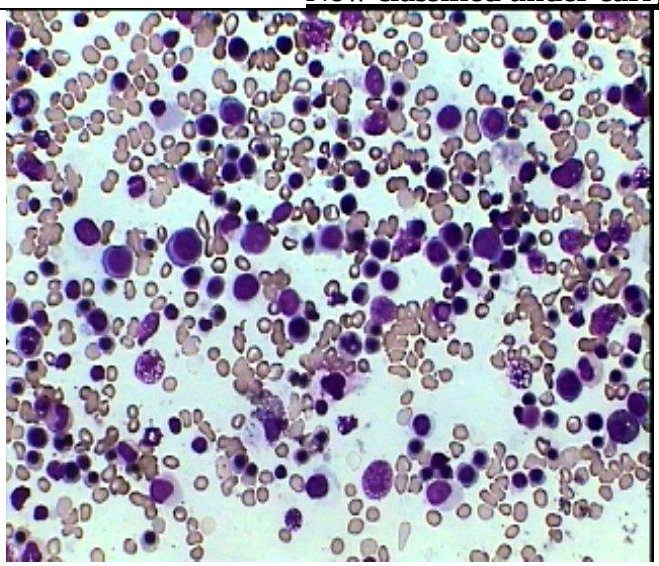
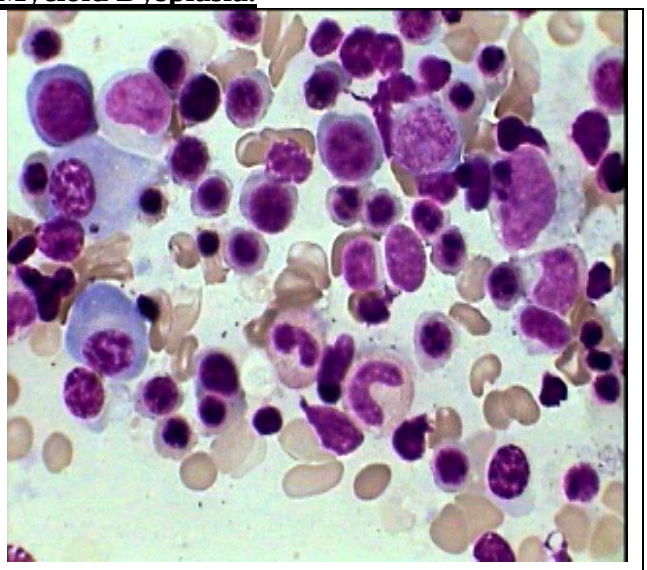
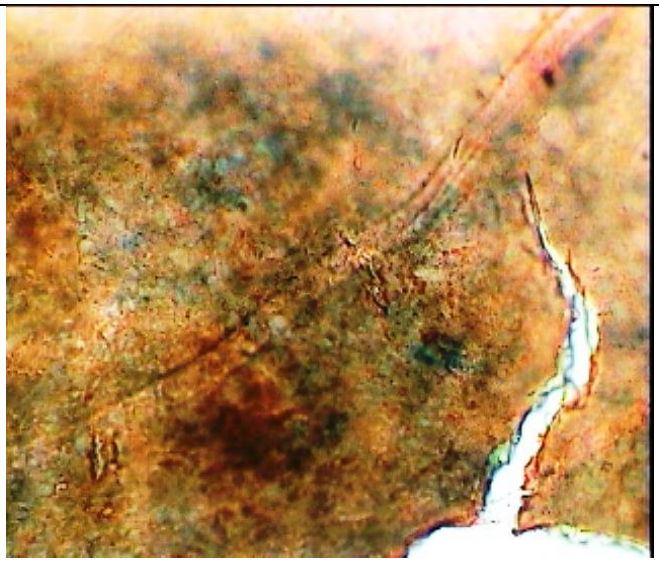
Erythremic Myelosis (Earlier called as DiGuglielmo Syndome)
Now classified under early Myeloid Dysplasia.



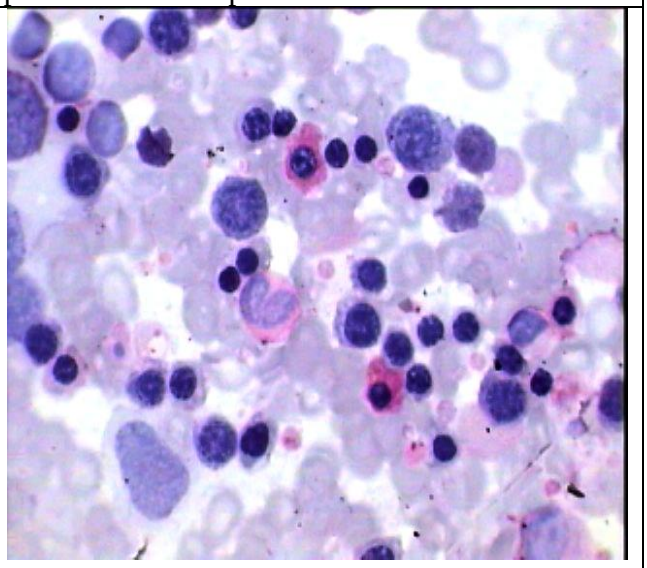
Extreemly hyperplastic erythropoesis-in BM aspiratiobn smear under HP. On the right is O.Im view



More than 80% of the BM cellularity is formed by Erythroblasts, Only about 7 myeloid cells (three immmature and 4 mature cells)and two plasma cells also present



Heavy Iron deposit in the BM as large block and granular deposit in macrophages. Extra cellular haemosidrin also present-- Prussian Blue Stain



Two of the many Erythroblasts (pathological) showing diffuse intense PAS positivity while the rest are negative.

This 50 yrs old is having Peripheral Pancytopenia with severe Neutropenia, refractory anaemia, reticulocytopenia and thrombocytopenia ref for BM Exam.
His BM asp showing markedly hyper plastic Erythropoeisis with mixed maturation, predominantly normoblastic mixed with few magaloblastoid cells, markedly depressed

Erythremic Myelosis (Earlier called as DiGuglielmo Syndome)
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Granulopoesis with left shift having mild dysplasia and significantly depressed Thrombopoesis.