



## Atypical presentations in Chronic Myeloid Leukemia

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### Abstract:

Presence of megakaryocytes (MGK) in peripheral blood smear (PBS) is a rare condition. This may be seen in myelodysplastic syndrome. I am presenting a case of CML with lymphoid blast crisis showing MGK in PBS, probably first case report of this kind. smear showed a well formed large megakaryocyte. Bone marrow aspirate smear examination showed 80% blasts in diluted marrow. Bone marrow biopsy showed hypercellular marrow with near total replacement by blasts CD34+ and CD3-, CD20- & CD138-Flowcytometry revealed 51% blasts positive for CD19, CD34, CD10, HLA-DR, dim positive for cCD79a & TdT and negative for CD45, CD20, CD38, CD33, CD13, CD117, CD64, CD3, CD4, CD5, CD7, CD8 & MPO. Diagnosis of ALL was given. On frequent routine haemogram, the value of platelet count was noticed always higher side (> 200 x 10<sup>9</sup>/L). This raised suspicion of any other associated disease.

### Biography:

Dr Amar Ranjan (MD, Pathology) is working as Assistant Professor in Lab Oncology in the top most Cancer Institute of India. He has keen interest in Hemato-oncology. He actively participates in oral and poster presentations at International and National levels.

### Publication of speakers:

- Amar Ranjan Singh et al ; An Unusual Presentation of Esthesioneuroblastoma in a Young Pregnant Female, 2017 Nov 18



- Amar Ranjan Singh et al ; Clinicopathological Profile of Benign Soft Tissue Tumours: A Study in a Tertiary Care Hospital in Western India, 2014 Oct 20
- Amar Ranjan Singh et al ; Higher Contact Force During Radiofrequency Ablation Leads to a Much Larger Increase in Edema as Compared to Chronic Lesion Size, 2018 Aug 29.
- Amar Ranjan Singh et al ; Characterization of Gadolinium Contrast-Enhancement of Radiofrequency Ablation Lesions in Predicting Edema and Chronic Lesion Size, 2017 Nov 1.
- Amar Ranjan Singh et al ; Real Time MRI Guided Cardiac Cryo-Ablation : A Feasibility Study, Real Time MRI Guided Cardiac Cryo-Ablation : A Feasibility Study, 2016 May 27

Webinar on Cancer Research ; August 20,2020; Paris, France.

Citation: Amar Ranjan Singh; Atypical presentations in Chronic Myeloid Leukemia; Cancer Research 2020; August 20, 2020; Paris, France.