



\*Do not routinely order the following: *BCR::ABL* FISH or PCR, FISH for *PDGFRB* or *FGFR1*, mast cell flow cytometry

\*\*Detection of the t(5;14)(q31;q32) [*IGH::IL3*] mutation is associated with B-lymphoblastic leukemia with reactive eosinophilia.

\*\*\*If there is significant dysplasia (hypercellularity, odd megakaryocytes, ring sideroblasts, etc.), or if the clinical scenario is worrisome for a clonal myeloid process, consider adding next-generation sequencing and FISH for *PDGFRB*, *FGFR1*, *ABL1*, and *JAK2*, as rarely these may be cryptic.