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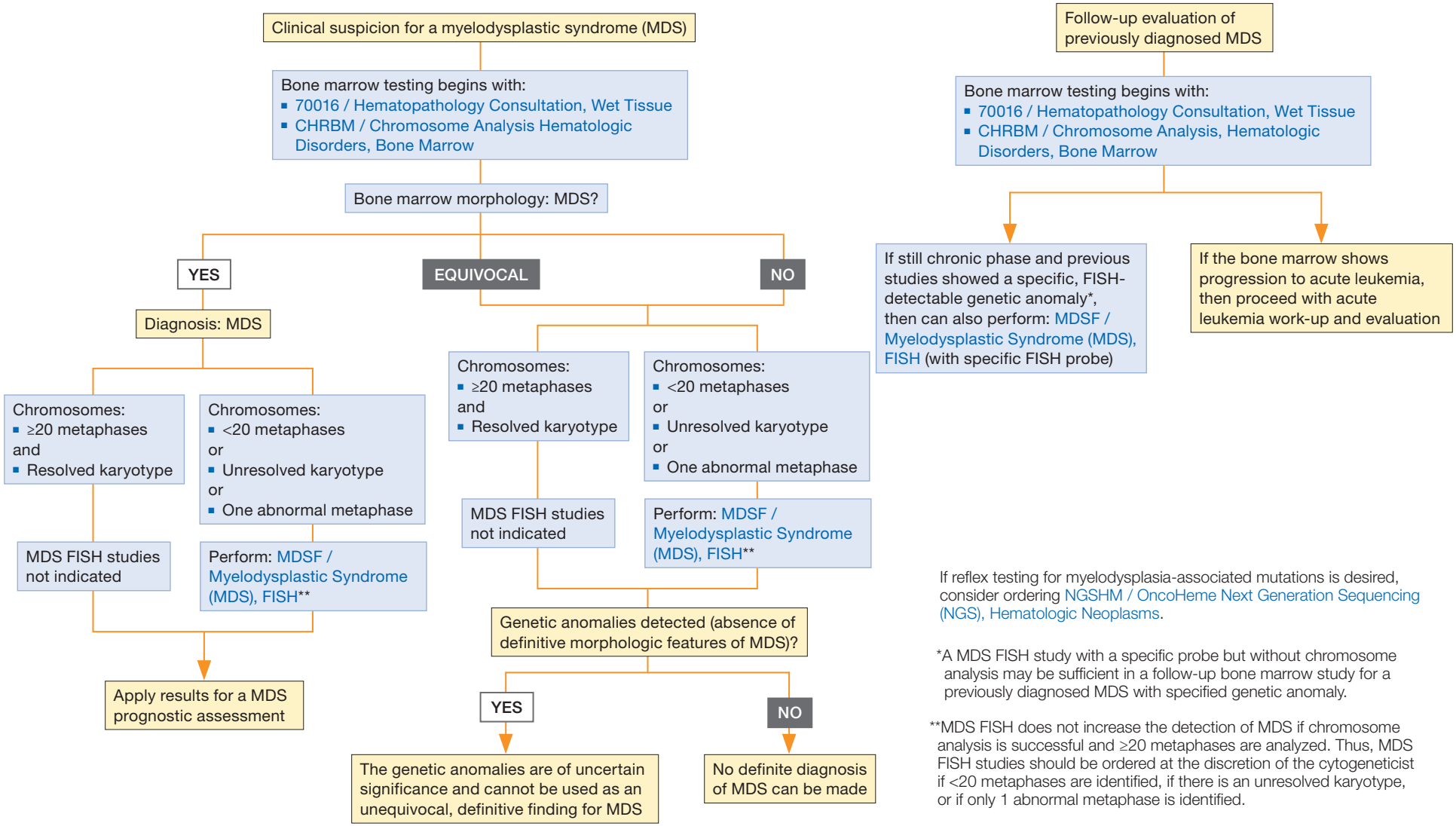
Myelodysplastic Syndrome: Guideline to Diagnosis and Follow-up



If reflex testing for myelodysplasia-associated mutations is desired, consider ordering NGSHM / OncoHeme Next Generation Sequencing (NGS), Hematologic Neoplasms.

*A MDS FISH study with a specific probe but without chromosome analysis may be sufficient in a follow-up bone marrow study for a previously diagnosed MDS with specified genetic anomaly.

**MDS FISH does not increase the detection of MDS if chromosome analysis is successful and ≥20 metaphases are analyzed. Thus, MDS FISH studies should be ordered at the discretion of the cytogeneticist if <20 metaphases are identified, if there is an unresolved karyotype, or if only 1 abnormal metaphase is identified.

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