

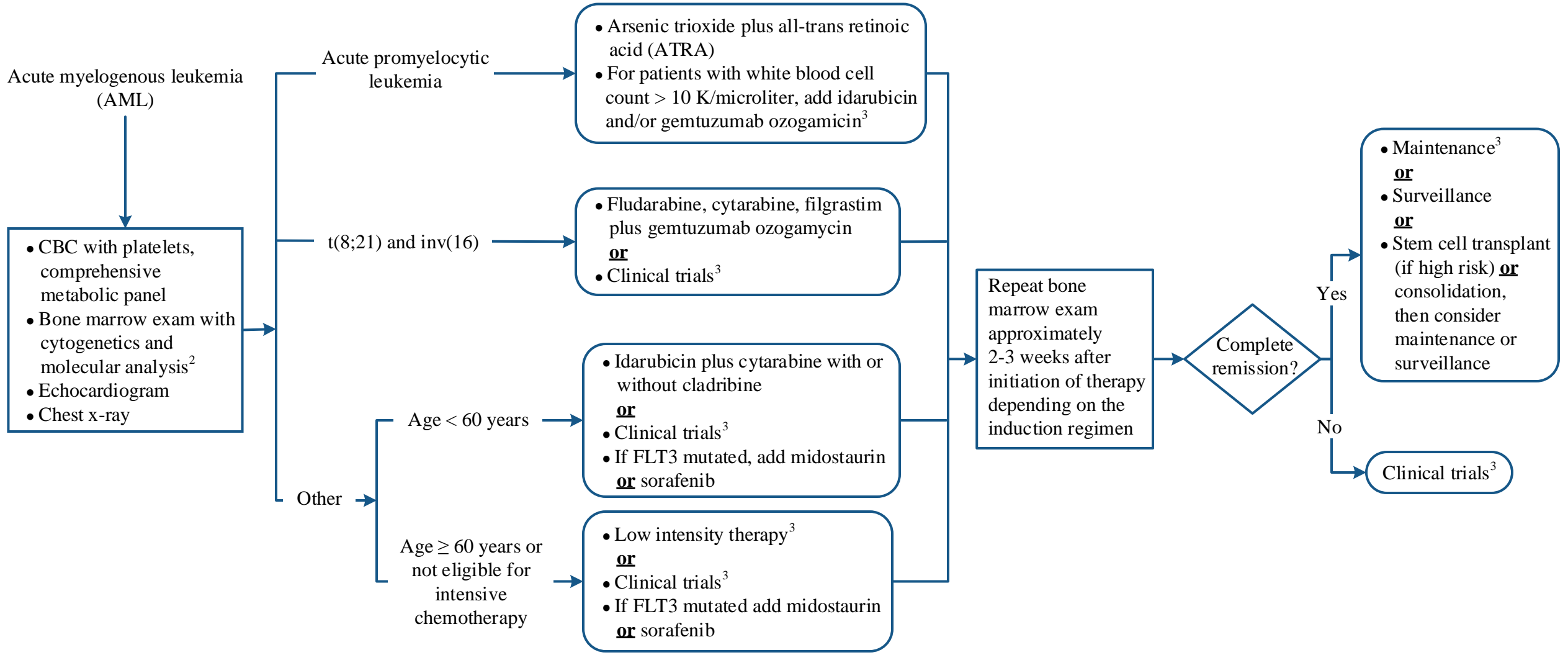
# Acute Myelogenous Leukemia – Adult (Age ≥ 18 years)

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson’s specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient’s care. This algorithm should not be used to treat pregnant women.

**Notes:** Consider Clinical Trials as treatment options for eligible patients. Stem cell transplant guidelines are not included with this algorithm. Leukemia patients should be referred and treated at a comprehensive cancer center.

## INITIAL EVALUATION<sup>1</sup>

## TREATMENT



<sup>1</sup> See [Physical Activity, Nutrition, and Tobacco Cessation](#) algorithms; ongoing reassessment of lifestyle risks should be a part of routine clinical practice

<sup>2</sup> Consider [MD Anderson approved biomarkers](#)

<sup>3</sup> See [Leukemia Clinical Trials](#)

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## SUGGESTED READINGS

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- Kadia, T. M., Ravandi, F., Cortes, J., & Kantarjian, H. (2015). Toward individualized therapy in acute myeloid leukemia: A contemporary review. *JAMA Oncology*, 1(6), 820-828. <https://doi.org/10.1001/jamaoncol.2015.0617>
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- Sanford, D., & Ravandi, F. (2015). Management of newly diagnosed acute myeloid leukemia in the elderly: Current strategies and future directions. *Drugs & Aging*, 32(12), 983-997. <https://doi.org/10.1007/s40266-015-0309-2>

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## DEVELOPMENT CREDITS

This practice algorithm is based on majority expert opinion of the Leukemia Center providers at the University of Texas MD Anderson Cancer Center. It was developed using a multidisciplinary approach that included input from the following:

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