Oncology Clinical Pathways Acute Myeloid Leukemia (AML)

August 2024 - V2.2024







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<u>Acute Myeloid Leukemia – Presumptive Conditions</u>

VA automatically presumes that certain disabilities were caused by military service. This is because of the unique circumstances of a specific Veteran's military service. If a presumed condition is diagnosed in a Veteran within a certain group, they can be awarded disability compensation.

<u>Atomic Veterans – Exposure to Ionizing Radiation</u>

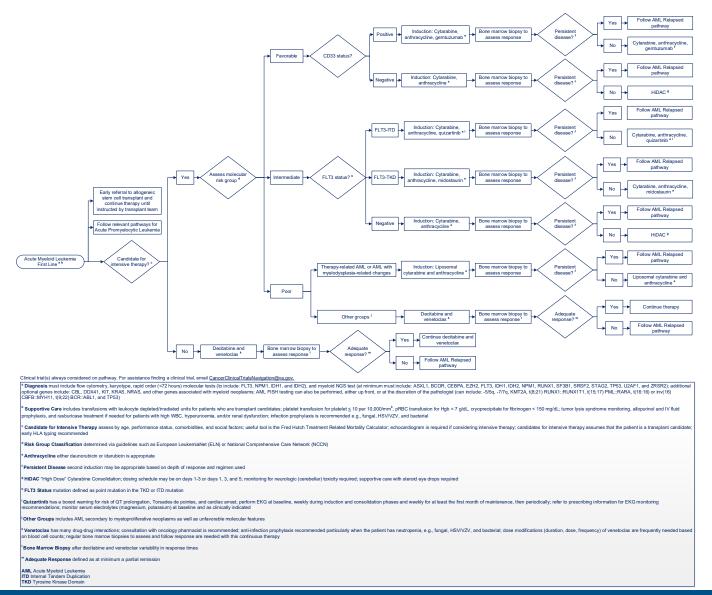
All forms of leukemia

For more information, please visit <u>U.S. Department of Veterans Affairs - Presumptive Disability Benefits (va.gov)</u>





Acute Myeloid Leukemia – First Line

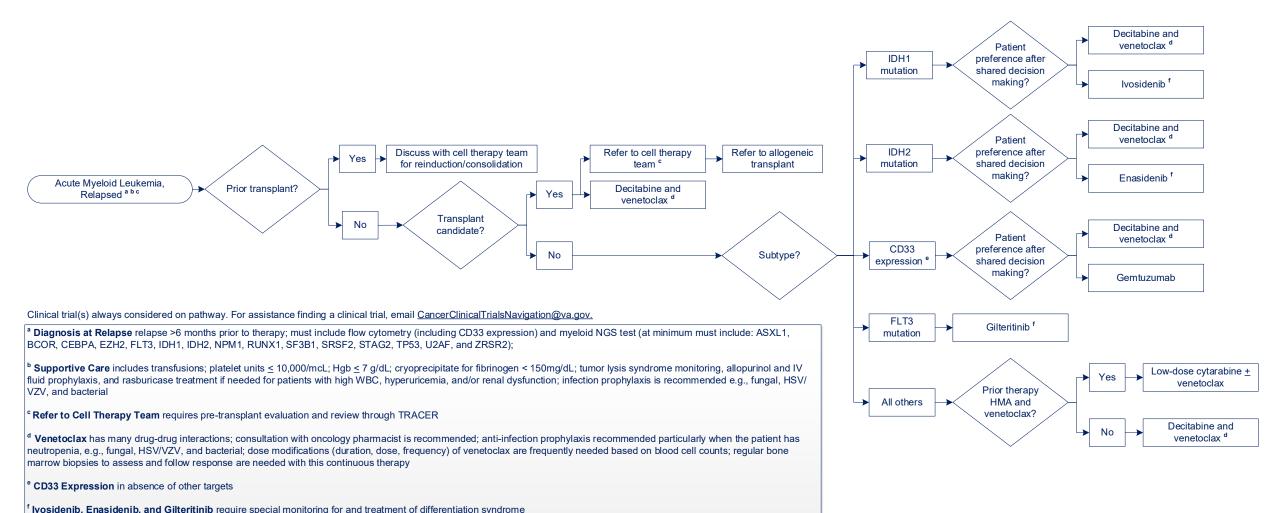








<u>Acute Myeloid Leukemia – Relapsed</u>





AML Acute Myeloid Leukemia **HMA** Hypomethylating Agent





<u>Acute Myeloid Leukemia – Molecular Testing Table</u>

Eligibility	Test Category	Test Type	Recommended Vendors	NPOP Coverage	Specimen Type		
Acute Myeloid Leukemia (AML)	Flow cytometry	Leukemia/lymphoma panel	Local VA or locally contracted vendor	No	Bone Marrow Biopsy, Blood		
	FISH	-5/-5q, -7/-7q, KMT2A, t(8;21) RUNX1::RUNX1T1, t(15;17) PML::RARA, t(16;16) or inv(16) CBFB::MYH11; t(9;22) BCR::ABL1; TP53	Local VA or locally contracted vendor	No	Bone Marrow Biopsy, Blood		
	Karyotyping	Karyotype	Local VA or locally contracted vendor	No	Bone Marrow Biopsy, Blood		
	Rapid Molecular Tests (<1 week TAT)	FLT3 ITD and TKD, IDH1/2, NPM1 (quantitative preferred), CEBPA (optional)	Local VA or locally contracted vendor	No	Bone Marrow Biopsy, Blood		
	Somatic NGS	NGS panel ASXL1, BCOR, CEBPA, EZH2, FLT3, IDH1, IDH2, NPM1, RUNX1, SF3B1, SRSF2, STAG2, TP53, U2AF1, and ZRSR2. Optional genes include: CBL, DDX41, KIT, KRAS, NRAS, and other genes associated with myeloid neoplasms.	GLA	GLA Grant*	Bone Marrow Biopsy, Blood		
	Somatic NGS	Consider CGP if no driver mutation detected	Foundation Medicine	Yes	Bone Marrow Biopsy, Blood		
	Germline NGS	Consider germline testing and genetic counseling if VAF >40% in AML predisposition genes (CEBPA, DDX41, RUNX1, ANKRD26, ETV6, GATA2, SAMD9, SAMD9L, BLM, NF1, CBL)	Local VA or locally contracted vendor	No	Blood		
* Reach out to GLA for information on use of NGS testing under a VA sponsored grant, with no cost to your local facility							





