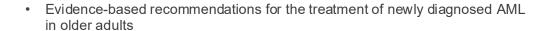




Treating Newly Diagnosed Acute Myeloid Leukemia (AML) in Older Adults: What You Should Know



What it covers





Why it matters

- AML affects patients of all ages but is more common in older adults.
- Despite advances in the understanding of disease biology and an increase in the number of approved agents, older patients with newly diagnosed AML have poor outcomes.
- Many older patients are ineligible for traditional chemotherapy approaches in AML such as "7+3," and the appropriate choice of therapy is informed by patient characteristics including comorbidities and disease characteristics such as targetable mutations.
- These guidelines help hematologists to better navigate the complex treatment landscape and clinical decisions often faced in caring for older patients with newly diagnosed AML.



Who it affects

 Hematologists who treat patients with acute myeloid leukemia and/or perform allogeneic stem cell transplants, palliative care physicians, and hematopathologists.



What are the highlights

- Older patients with newly diagnosed AML should be offered antileukemic therapy over best supportive care if they are candidates and treatment aligns with their goals of care.
- Conventional induction and post-remission therapy can be considered in patients who are candidates for intensive antileukemic therapy but is preferred in patients with favorable risk cytogenetic or molecular mutations.
- In patients who are not candidates for conventional induction therapy, nonintensive antileukemic combination therapy using venetoclax is recommended and ivosidenib combined with HMA can be considered in patients harboring an IDH1 mutation.
- For patients who are no longer receiving antileukemic therapy or choose not to receive antileukemic therapy, red blood cell transfusions should be available based on their personal preference.

Total number of panel recommendations: 9

REFERENCE: Sekeres M.A., Mattison R., Artz A., Baer, M.R., Chua C.C., Demichelis-Gomez R., Egan P.C., Fletcher L., Foucar C., Garcia J.S., Gilberto L., Gómez De León A., Lancet J., Loh K.P., Malcovati L., Marini B., Platzbecker U., Sorror, M.L., Tinsley-Vance S., Treitz J., Oliveros M.J., Ibrahim S., Roldan Y., Guyatt G., Brignardello-Petersen R. American Society of Hematology 2025 guidelines for treating newly diagnosed acute myeloid leukemia in older adults. Blood Advances. doi: https://doi.org/10.1182/bloodadvances.2025017934

For more information on the ASH Clinical Practice Guidelines for Treating Newly Diagnosed Acute Myeloid Leukemia (AML) in Older Adults, visit www.hematology.org/amlguidelines

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