

# ELEVATE | WHAT ROLE CAN YOU PLAY IN YOUR AML TREATMENT AND CARE?

Program Resource Guide



## Shared Decision-Making (SDM)

Process of communication by which patients and clinicians collaborate to make healthcare decisions. The process encourages patients to take a more active role in their care and treatment.

### Questions to Ask About AML Treatment Goals

- What can be done to get me into remission?
- How can I stay in remission?
- What is required to keep me in remission as long as possible?

### Factors That Impact AML Treatment Decisions

- Type of AML
- Overall health
- Location
- Family/support
- Competing risk factors / ongoing health issues

## Phases of AML Therapy

**Induction Therapy:** First phase of treatment that is meant to induce remission. In AML, the goal of induction therapy is to kill as much of the disease as possible and return blood counts back to normal.

**Consolidation Therapy:** Phase of treatment that is given after cancer has disappeared following the initial therapy. Consolidation therapy is used to kill any cancer cells that may be left in the body.

**Maintenance Therapy:** Refers to treatment given to patients after initial therapy that is meant to maintain a remission or to prevent return of the disease.

**Remission:** Considered a decrease or a disappearance of the signs and symptoms of cancer.

## AML Testing Defined

**Bone Marrow Biopsy:** Procedure that involves collecting a small sample of bone marrow, usually from the hip bone, in order to be examined by a laboratory. This procedure is used to confirm a diagnosis and may be used to monitor the disease over time.

**Cytogenetics:** The testing of blood, bone marrow, or tissue in order to identify changes in chromosomes.

**Flow Cytometry:** Analyzes blood and bone marrow cells in order to classify the cell types and determine disease risk as well as an appropriate treatment plan.

**Fluorescence in Situ Hybridization (FISH):** A chromosome test used to identify specific genes or chromosome changes.

**Next-Generation Sequencing (NGS):** Technology to sequence DNA or RNA to identify genetic variations associated with diseases or other biological phenomena.

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## Glossary

**Allogeneic Stem Cell Transplant:** A procedure in which healthy blood stem cells are used to replace damaged or diseased bone marrow after high-intensity chemotherapy or radiation. The donated stem cells can come from a sibling donor or a match-related donor.

**FLT3 Mutation:** FLT3 stands for Fms-like tyrosine kinase. This gene mutation occurs in approximately 30 percent of AML patients.

**Genetic Testing (molecular profiling or biomarker testing):** Laboratory testing that identifies certain gene mutations, proteins, chromosomal abnormalities, and/or other molecular changes that are unique to an individual's disease. In cancer, it may be used to evaluate treatment or to make a prognosis.

**IDH (Isocitrate Dehydrogenases) Mutations:** Mutations in IDH1 or IDH2 are detected in approximately 20 percent of patients with acute myeloid leukemia (AML).

**Menin Inhibitors:** A novel class of targeted therapies showing promise in the treatment of acute leukemias with the NPM1 mutation or the KMT2A mutation.

**Targeted Therapy:** A type of personalized medicine that works by blocking specific mutations and by preventing cancer cells from growing and dividing, without affecting normal cells.

**Venetoclax (Venclexta):** Inhibitor therapy that targets the Bcl-2 protein.

**7 + 3 Regimen:** Intensive chemotherapy that consists of getting 7 continuous days of a single treatment, along with short infusions of a second treatment during the first 3 days.

## Support & Resources

Patient Empowerment Network | [Insist! AML](#)

Patient Empowerment Network | [Office Visit Planners](#)

## THANK YOU

**CancerGRACE:** [cancergrace.org](http://cancergrace.org)

**CURE:** [curetoday.com](http://curetoday.com)

**Cancer Support Community:** [cancersupportcommunity.org](http://cancersupportcommunity.org)

**Leukemia Research Foundation:** [leukemiarf.org](http://leukemiarf.org)



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