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# Clonal Hematopoiesis of Indeterminate Potential

National Cancer Institute

## Source

National Cancer Institute. *Clonal Hematopoiesis of Indeterminate Potential*. NCI Thesaurus. Code C158547.

A term that refers to the presence of somatic mutations in bone marrow or peripheral blood cells in individuals who may be cytopenic but do not have morphologic evidence of hematologic neoplasia. Its prevalence rises with age and is found in approximately 10% of individuals aged 70 to 80. It is associated with an increased risk of hematologic neoplasia. Mutations in the DNMT3A, TET2, or ASXL1 genes are usually identified. Approximately 10%-40% of individuals with age-related clonal hematopoiesis will progress to meet the diagnostic criteria for clonal hematopoiesis of indeterminate potential.