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# Myeloid Proliferations Associated with Down Syndrome

National Cancer Institute

## Source

National Cancer Institute. *Myeloid Proliferations Associated with Down Syndrome*. NCI Thesaurus. Code C82338.

Myeloid neoplasms occurring in individuals with Down syndrome. There is an increased risk of acute leukemias in both children and adults with Down syndrome. In particular, the incidence of acute myeloid leukemia in Down syndrome children of less than five years of age is particularly high, it is usually an acute megakaryoblastic leukemia, and is associated with GATA1 gene mutation. This group of disorders also includes the entity transient abnormal myelopoiesis which occurs in neonates and is associated with GATA1 gene mutation.