

Leukemia Leukemia: is cancer of the white blood cells. When myeloid cells are affected, the disease is called myeloid or myelogenous leukemia. The incidence of leukemia decreases with increasing age at the time of exposure; however, the increased risk of the older individual is for a greater period of time. The youngest person at the time of exposure, the shorter the latency and the risk period for developing leukemia. It grows/invades the bone marrow which is the factory of blood and replaces normal blood elements with cancer cells. The incidence of radiation leukemia is influenced by age at the time of exposure. In leukemia, however, the bone marrow produces abnormal white blood cells