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Classic Hodgkin Lymphoma

National Cancer Institute

Source

National Cancer Institute. *Classic Hodgkin Lymphoma*. NCI Thesaurus. Code C7164.

A monoclonal B-cell lymphoproliferation in the vast majority of cases. It is characterized by a bimodal age distribution (15-30 years of life and late life). Epstein-Barr virus has been postulated to play a role in the pathogenesis of classic Hodgkin lymphoma.

Morphologically, it is characterized by the presence of Reed-Sternberg cells and mononuclear Hodgkin cells. The Reed-Sternberg and mononuclear Hodgkin cells are CD30 positive in nearly all cases and CD15 positive in the majority of cases. Four histologic subtypes have been distinguished: lymphocyte-rich, nodular sclerosis, mixed cellularity, and lymphocyte-depleted classic Hodgkin lymphoma.