

[Open Peer Review on Qeios](#)

Lymphocyte Depletion Kinetics

National Cancer Institute

Source

National Cancer Institute. *Lymphocyte Depletion Kinetics*. NCI Thesaurus. Code C120584.

A method for estimating the dose of an external radiation exposure following whole- or partial- body exposure. Serial CBCs are obtained and the absolute lymphocyte count is calculated and tracked over time. The dose absorbed is correlated with the rate of decline of peripheral blood lymphocytes and the lowest value for absolute lymphocyte depletion.