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# Chromothripsis

National Cancer Institute

## Source

National Cancer Institute. *Chromothripsis*. NCI Thesaurus. Code C129355.

A cytogenetic abnormality characterized by the occurrence of a large number of chromosomal rearrangements that are restricted to sites in one or a few chromosomes. Chromothripsis may result from a single catastrophic event that causes multiple double-strand breaks, which are subsequently repaired or reassembled by error-prone DNA repair pathways or through aberrant DNA replication mechanisms.