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Cord Blood-derived CMV/AdV/EBV/BKV-specific Cytotoxic T-lymphocytes

National Cancer Institute

Source

National Cancer Institute. *Cord Blood-derived CMV/AdV/EBV/BKV-specific Cytotoxic T-lymphocytes*. NCI Thesaurus. Code C160294.

A population of allogeneic expanded cord blood (CB)-derived cytotoxic T-lymphocytes (CTLs) that are specifically reactive to cytomegalovirus (CMV), Epstein-Barr virus (EBV), adenovirus (AdV), and human polyomavirus type I (BKV), with potential antiviral activity. Infusion of the CB-derived CMV/AdV /EBV/BKV-specific CTLs into CB hematopoietic stem cell transplant (HSCT) recipients may provide virus-specific cellular immunity, thereby preventing the infection or reactivation of certain viral-associated diseases.