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Human Placenta-derived Stem Cell Transplantation

National Cancer Institute

Source

National Cancer Institute. *Human Placenta-derived Stem Cell Transplantation*. NCI Thesaurus. Code C129407.

An adjunctive therapy to umbilical cord blood (UCB) transplantation that is used to augment stem cell engraftment in hematopoietic reconstitution. The process to extract human placenta-derived stem cells (HPDSCs) yields an enriched population of CD34-positive hematopoietic stem cells that, when transplanted in conjunction with UCB stem cells, may provide a novel source for natural killer (NK) cells.