Reference List

1. Grewal SS, Barker JN, Davies SM, Wagner JE. Unrelated donor hematopoietic cell transplantation: marrow or umbilical cord blood? Blood. 2003.

2. Broxmeyer HE, Srour EF, Hangoc G, Cooper S, Anderson SA, Bodine DM. High-efficiency recovery of functional hematopoietic progenitor and stem cells from human cord blood cryopreserved for 15 years. Proc Natl Acad Sci U S A. 2003;100:645-650.

3. Rubinstein P, Carrier C, Scaradavou A, et al. Outcomes among 562 recipients of placental-blood transplants from unrelated donors. N Engl J Med. 1998;339:1565-1577.

4. Cairo MS, Wagner JE. Placental and/or umbilical cord blood: an alternative source of hematopoietic stem cells for transplantation. Blood. 1997;90:4665-4678.

5. Laughlin MJ, Barker J, Bambach B, et al. Hematopoietic engraftment and survival in adult recipients of umbilical- cord blood from unrelated donors. N Engl J Med. 2001;344:1815-1822.

6. Jones RJ, Sharkis SJ, Celano P, Colvin OM, Rowley SD, Sensenbrenner LL. Progenitor cell assays predict hematopoietic reconstitution after syngeneic transplantation in mice. Blood. 1987;70:1186-1192.

7. Wiley JM, Yeager AM. Predictive value of colony-forming unit assays for engraftment and leukemia-free survival after transplantation of chemopurged syngeneic bone marrow in rats. Exp Hematol. 1991;19:179-184.

8. To LB, Dyson PG, Juttner CA. Cell-dose effect in circulating stem-cell autografting. Lancet. 1986;2:404-405.

9. Lanza F, Healy L, Sutherland DR. Structural and functional features of the CD34 antigen: an update. J Biol Regul Homeost Agents. 2001;15:1-13.

10. Gratama JW, Sutherland DR, Keeney M, Papa S. Flow cytometric enumeration and immunophenotyping of hematopoietic stem and progenitor cells. J Biol Regul Homeost Agents. 2001;15:14-22.

11. Payne TA, Traycoff CM, Laver J, Xu F, Srour EF, Abboud MR. Phenotypic analysis of early hematopoietic progenitors in cord blood and determination of their correlation with clonogenic progenitors: relevance to cord blood stem cell transplantation. Bone Marrow Transplant. 1995;15:187-192.

12. Siena S, Schiavo R, Pedrazzoli P, Carlo-Stella C. Therapeutic relevance of CD34 cell dose in blood cell transplantation for cancer therapy. J Clin Oncol. 2000;18:1360-1377.

13. Allan DS, Keeney M, Howson-Jan K, et al. Number of viable CD34(+) cells reinfused predicts engraftment in autologous hematopoietic stem cell transplantation. Bone Marrow Transplant. 2002;29:967-972.

14. Shpall EJ, Champlin R, Glaspy JA. Effect of CD34+ peripheral blood progenitor cell dose on hematopoietic recovery. Biol Blood Marrow Transplant. 1998;4:84-92.

15. Wagner JE, Barker JN, DeFor TE, et al. Transplantation of unrelated donor umbilical cord blood in 102 patients with malignant and nonmalignant diseases: influence of CD34 cell dose and HLA disparity on treatment-related mortality and survival. Blood. 2002;100:1611-1618.