NATIONAL MARROW DONOR PROGRAM® BE THE MATCH®

2012 COUNCIL MEETING

D3: Unrelated Donor and CBU Selection Guidelines

Saturday, November 10, 2012

1:45 - 3:00 p.m.

Presented by

Stephen Spellman, MBS

Objectives

At the conclusion of this session, the attendee will be able to:

1. Describe the latest research detailing HLA factors impacting patient survival and overall success of HCT.
2. Identify optimal matching criteria and other factors affecting graft selection to achieve identification of the most favorable donors or cord blood units for patients in need of HCT.
3. Differentiate strategies for selection regarding mismatched loci with consideration for decision-making based on strength of supporting research.
4. Identify the resources available for assistance with search strategy.

Conflict of Interest/Financial Disclosure
The Speaker(s) voluntarily disclosed the following pertinent financial relationships and/or conflicts of interest:

- *None – The speaker(s) in this session have disclosed NO conflicts*

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Attendee Signature Date

This signed cover page may be retained in your training files as evidence of your attendance at this session. This document does NOT act as evidence of Professional Continuing Education credits earned.

A perspective on the selection of unrelated donors and cord blood units for transplantation.

Spellman SR, Eapen M, Logan BR, Mueller C, Rubinstein P, Setterholm MI, Woolfrey AE, Horowitz MM, Confer DL, Hurley CK; National Marrow Donor Program; Center for International Blood and Marrow Transplant Research.

Selection of a suitable graft for allogeneic hematopoietic stem cell transplantation involves consideration of both donor and recipient characteristics. Of primary importance is sufficient donor-recipient HLA matching to ensure engraftment and acceptable rates of GVHD. In this Perspective, the National Marrow Donor Program and the Center for International Blood and Marrow Transplant Research provide guidelines, based on large studies correlating graft characteristics with clinical transplantation outcomes, on appropriate typing strategies and matching criteria for unrelated adult donor and cord blood graft selection.

Blood. 2012 Jul 12;120(2):259-65. Epub 2012 May 17.