History and Status of Quality Measurement in SCT

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CIBMTR – 30 years of registry-based outcome analysis
FACT – 20 Years of Voluntary Peer-Reviewed Accreditation

Focus on Structural and Process Measures
Clinical and Laboratory

2005 - Stem Cell Therapeutic Outcomes Database (SCTOD)

• Young Transplant Act
• Comprehensive Center-Specific Allotransplant Outcomes
• Risk –Adjusted Data compared to National Model
### Bone Marrow and Cord Blood Donation and Transplantation

**Expanding access to life-saving bone marrow and umbilical cord blood transplants**

#### Transplant Resources
- Understanding Transplantation as a Treatment Option
- Planning for a Transplant (GIFT)
- Searching for a Marrow Donor or Cord Blood Unit
- Patient Support Resources for Transplantation
- Physician Resources for Transplantation

#### Research, Data, and Outcomes
- Transplant Outcomes and Data
- Registry Data
- Cord Blood Units for Research
- Citation Guidelines

#### Donor Information
- The Need for More Marrow Donors
- Joining the Registry
- Donating Marrow

#### Cord Blood Information

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### National Marrow Donor Program (NMDP)

Marrow transplant patients are at the heart of our mission.

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### People are asking...
- **What is a bone marrow transplant?**
- **What are age requirements for a marrow donor?**
- **Are there risks to bone marrow donation?**
- **What is peripheral blood stem cell (PBSC) donation?**
- **Are there risks to donating PBSC?**
- **How do donors provide umbilical cord blood?**
- **What can I expect during or after a marrow or umbilical cord transplantation?**
- **Can patients meet or communicate with their marrow donor?**
What Have We Done?

- Registry – developed outcome targets (CIBMTR)
- Process and structural center accreditation (FACT)
- Center-specific allotransplant quality outcome data (SCTOD)
- Donor quality and availability (NMDP)

Unique in oncology

What Do We Hope to Do?

- Comprehensive autotransplant outcomes (in process)
- Patient reported quality metrics (planning)
- Center-specific outcome improvement strategies
- Electronic structured data sharing strategies
Pitfalls

• Loss of voluntary initiative in QA/QI
• Lose focus on outcomes vs. process quality
• Excessive focus on “one size fits all” quality initiatives
• Failure to emphasize patient-reported quality metrics
• Failure to emphasize collaboration with government and other insurers.