CIBMTR IT Update

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CRP/DM Meeting
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Objectives

- Review the current state of CIBMTR applications
- Update on recent accomplishments and future plans
- Update on new Data Sharing program
Agenda

• CIT Objectives and current state of applications

• Review 2014’s focus on data sharing
  – Site visit discovery at 15 centers

• Releases in July, November

• AGNIS updates

• 2015 Enhancements
Purpose of CIBMTR IT

• Facilitate…
  – CIBMTR Mission
  – Data to Knowledge Continuum
  – Strategy
  – Analysis
  – Collaboration

• Create & maintain leading edge technology solutions
  – Increase ease of data entry, usability and user experience
  – Promote data quality throughout the life cycle
  – Provide your data back to you in ways you find value
Purpose of CIBMTR IT (cont.)

• Implement effective and efficient processes that ensure high-confidence execution
  – Portfolio, Program, Project Management
  – Quality Assurance
  – Performance
  – Productivity

• Deliver robust, high quality data
  – Ensure seamless flow of high quality data from source to all stakeholders
  – Provide reports with value to manage the application and our data stream & quality
  – Increase meaningful use of the data by the transplant community
CIT Data Collection Solutions

FormsNet
Recipient
Donor
Clinical Trials
Sample Tracking
Auditing/ Monitoring
AGNIS

Metadata Analysis: Data about data discipline that is threaded throughout the solutions
Current state: CIT Data Sharing Solutions

CIBMTR Research Data Lifecycle (RDLC)

FormsNet
AGNIS

Research Database
Reports
Requests
Research Programs
Data Back to Centers (DBtC)

Data Information & Knowledge Deliverables from CIBMTR RDB
CIBMTR Site Visit Summary
2014 Site Visit Focus

• Data Sharing
  – New program

• Goals are to improve...
  – Data consolidation
  – Turn around time
  – Access and delivery

• Assessment is first step
  – Understanding data needs of centers
  – How you use the data and when
  – Opportunities for improving data access and delivery
  – Assessment Goal is to develop a roadmap for the future
Site Visit Agenda

Discovery sessions with center staff:

– Data Sharing needs
  • How well current Data Sharing mechanisms are working- AGNIS, DBtC, public reports
  • Gathering data sharing needs

– Data management Services
  • Data collection, Data Sharing
  • Communication
2014 Site Visits

- Children's Healthcare of Atlanta at Egleston
- Emory University Hospital
- Dana Farber Cancer Institute - Adults
- M.D. Anderson Cancer Center
- Mayo Clinic Rochester
- Memorial Sloan Kettering Cancer Center - Adults
- Memorial Sloan Kettering Cancer Center - Peds
- Mount Sinai Medical Center

- New York Presbyterian Hospital at Cornell
- Ohio State Medical Center, James Cancer Center
- Tulane University Medical Center
- UCSF Medical Center - Peds
- University Hospitals Case Medical Center
- University of Pittsburgh Medical Center - Cancer Center
- University of Illinois Medical Center at Chicago
- University of Chicago Hospitals
Desired Needs & Capabilities

• Make more data available
  – Enter once, use often: increase scope of forms data
  – Data & information to support performance, administrative & scientific needs

• Make data more accessible
  – On-demand, self-service access to desired data and information

• Provide fresher data
  – More near frequent updates

• Make available data more useful
  – Calculations for frequently needed data
  – Normalized data sets
  – More data formats
  – Predefined or canned reports
Desired Needs & Capabilities (cont.)

• Provide features & functionality to interact with data
  – Support filtering and sorting before download
  – Create own ad hoc queries & reports

• Provide more analysis and training services
  – Increase capacity for more statistical analysis
  – Training on how to use CIBMTR data and information products
Data Sharing – Next Steps

• Team is beginning to form
• Work and timeline is being planned
• We will provide an update on progress at the next Tandem meeting – we anticipate having exciting things to share with you..
Summer and Fall releases

Center participation helped to determine the scope of the Summer/ Fall releases
2014 FormsNet Accomplishments

- Functionality enhancements quarterly in 2014
- Began quarterly releases in 2014 - July, November, February, May
- Communication enhancements per Tandem feedback
- Study support for RCI-BMT and clinical trials
- Additional Audit/ Monitoring functionality
- Implementation of FormsNet3 Donor module
Accomplishments (cont.)

• Data Back to Centers (DBtC) updated with Forms Revision changes
• Rebranded Website (CIBMTR.org) with new look and feel
• Deployed Patient 1-Year Survival Probability Calculator
January 2015 Survey results

- Survey of principal data managers
- Asked to rank overall satisfaction from 1-10
- 90.3% rated the application from 6-10 for satisfaction
- 9.6% rated the application from 1-5 for satisfaction
- Overall rank of 7.5
- Improvement from last year
- Next steps - evaluate the detailed results.
Additional assistance available

- When centers have experienced performance issues, we have employed web-exs involving members of our tech team, center representative, and a CIBMTR CRC.
- Success has been achieved in resolving issues
- See your CRC if you have an issue you would like addressed in this manner.
AGNIS
AGNIS (A Growable Network Information System) Overview

• AGNIS is a method to submit, edit and retrieve forms electronically.
• It enables centers to avoid entering data more than once.
• Same form (data) may be accessed via FormsNet or AGNIS
AGNIS – 2014 Accomplishments

• AGNIS development and testing complete for all supported Forms Revision Phase 1 forms (2400, 2000, 2004, 2005, 2006, 2018, 2118)

• EBMT-CIBMTR and CIBMTR-Eurocord AGNIS connections – EBMT has submitted >23,000 forms for initial transplants and is beginning to send follow-up forms for those transplants (for 50 centers)

• Other users submitting or retrieving data through AGNIS:
  – 5 centers making direct submissions
  – 1 registry (supporting 50 centers)
  – 4 vendors active with production clients (supporting over 40 centers)

• Additional users developing or testing AGNIS submission or retrieval:
  – 3 centers and 4 vendors currently active with others in discussion or planning stages.
2015 Enhancements

• Updates to FormsNet3 Recipient
• Study support for RCI-BMT and clinical trials
• Additional Auditing/ Monitoring functionality
• Implementation of Flexible CRID and RITN (Details in Hot topics)
IT Communication forums today

• Training / communication team
  - Monthly newsletters & eblast emails
    • Items related to FormsNet releases occasionally included
• Your CRC liaison
• Landing page/login page within FormsNet 3
• Fnquestions@nmdp.org email
Questions?