Transplant Center Performance Analytics in Qlikview
IT Forum, BMT Tandem 2016
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AGENDA

- What is Transplant Center Specific Survival Analysis?
- Deploying Center Performance Analytics
- What can I expect from CPA in Qlikview?
- Demo: Center Performance Analytics using Qlikview
- Questions

What is Center Specific Survival Analysis?

- A data set …
  - A well characterized, high quality data set
  - Underlying data for the one year patient survival calculator on the CIBMTR portal, AND
- A report published annually since 2007
  - Performance rating for one year survival for US centers in C.W. Bill Young Cell Transplantation Program network
  - Intended for potential patients and their families…as well as transplant centers
- Scope of data includes transplant data
  - First allogeneic transplants
  - From both unrelated and related donors
  - Facilitated in the US
  - Over a moving, 3 year period

Using Center Specific Survival Analysis for performance management

- Transplant Centers use the report for…
  - Quality initiatives
  - Monitoring their own performance
- Centers have been asking for ways to use these data to better understand their performance, and QI analytics
- There is now a better tool for this:
  CENTER PERFORMANCE ANALYTICS - CPA

What can you expect in CPA?

- Selectable data dimensions include key variables for first allogeneic transplants facilitated in the U.S. in 2011, 2012 & 2013
- Data is organized in category-specific tabs
- Predefined filters enable limited comparative analysis based on center size, patient population (adult, pediatric, both), center performance, and region
- Visualization of your center’s data relative to other centers in data set for a selected dimensions
- Analyze your center’s own one-year survival rate
- Create your own query on data dimensions available in the data set
- Export filtered data in Excel file format
- Export your center's entire Center Specific data set
- Data refreshed annually

CPA Demo

GET TO THE DEMO ALREADY!!
How will I access CPA when it launches?

[Image of CPA portal]

https://portal.cibmtr.org/

Next Steps

- Go-live planned in April
- Collect, prioritize feedback
- Enhance, grow and refine the product

Team Recognition

- Doug Rizzo, MD, MS
- Steve Spellman, MBS
- Waleska Perez, MPH
- Patty Steinert, PhD, MBA
- Paul Gengler
- Kevin Willoughby
- Kent Shook

Questions

Appendix

Selectable Dimensions in CPA

<table>
<thead>
<tr>
<th>Patient</th>
<th>Disease</th>
<th>Transplant</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age Group</td>
<td>ALL Philadelphia chromosome</td>
<td>1/3</td>
<td>One year Survival Probability</td>
</tr>
<tr>
<td>Gender</td>
<td>T-cell lineage</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>HCT CI</td>
<td>Broad Disease</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>History of Malignancy</td>
<td>CCL PCL &amp; other chronic Leukemia stage</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>KPS Category Score</td>
<td>Disease stage</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>KPS Score</td>
<td>HIL Chemo sensitivity</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>Race</td>
<td>Minimal Between DX &amp; TX</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>Recipient CMV Status</td>
<td>NHL Chemo Sensitivity</td>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NHL subtype</td>
<td>1/3</td>
<td></td>
</tr>
</tbody>
</table>

Ad-hoc Query

- Single Cord Blood HLA Match
- TBI
- Year of Transplant