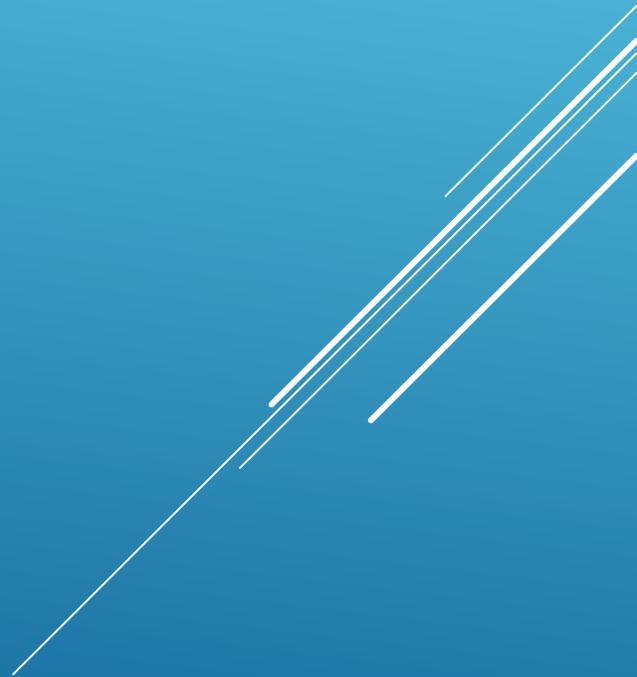


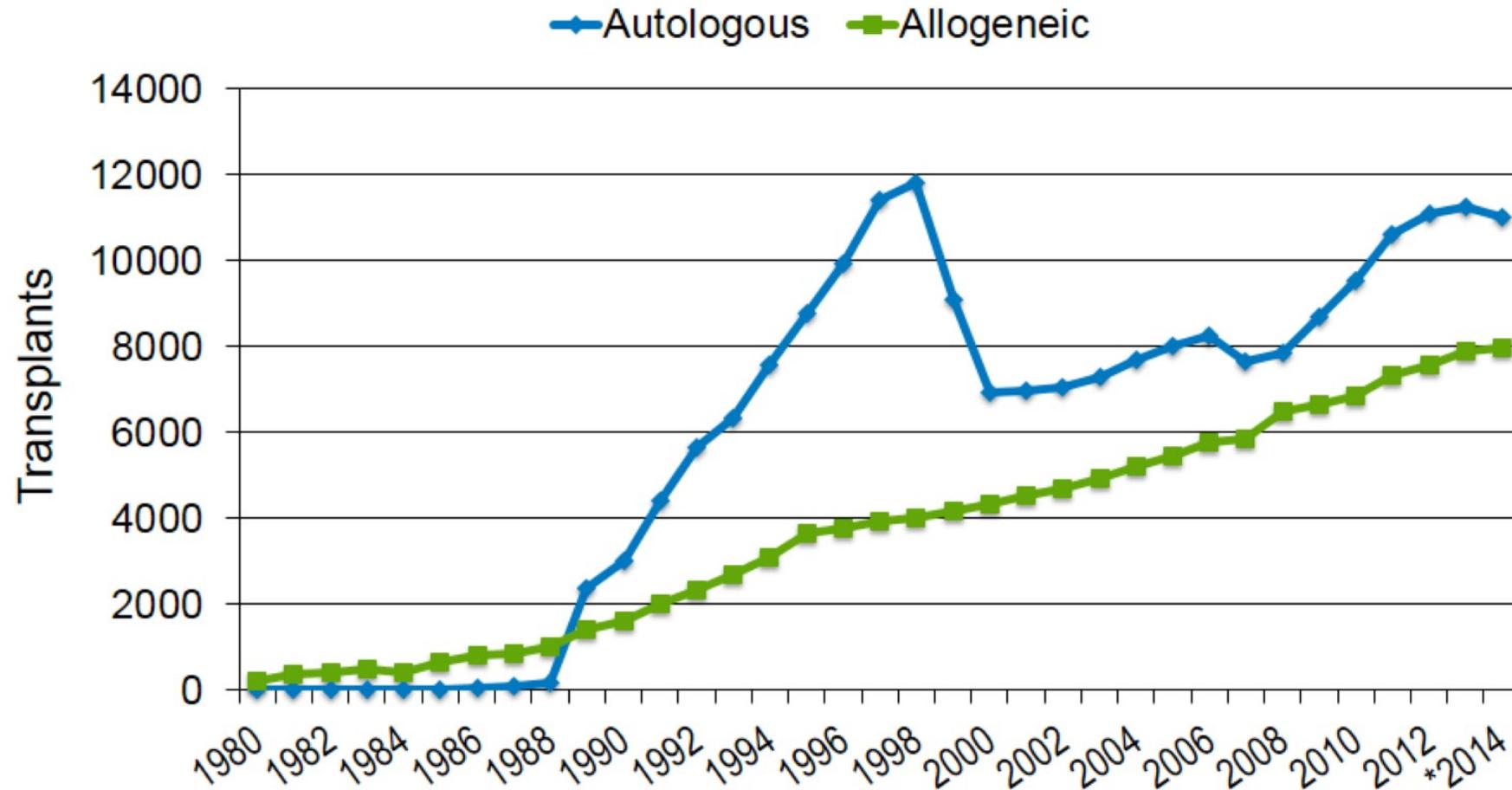
DIFFERENCES IN UTILIZATION OF AUTOLOGOUS STEM CELL TRANSPLANT BY ETHNICITY

DO WE NEED TO FOCUS ON THIS AS
A BARRIER TO TRANSPLANT?

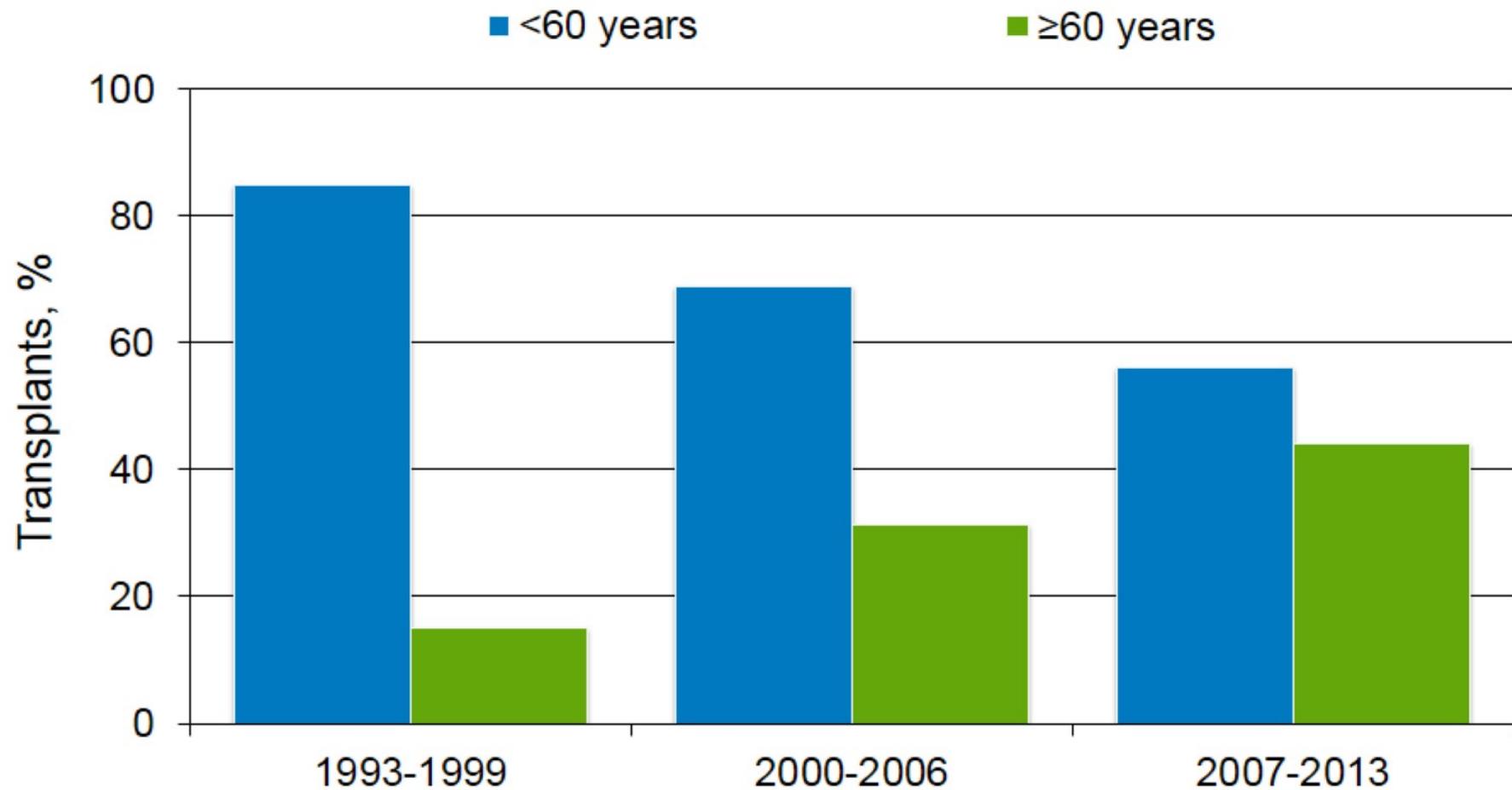
PRIMARY FOCUS ON BARRIERS TO
TRANSPLANT HAS BEEN ON ALLOGENEIC
TRANSPLANT



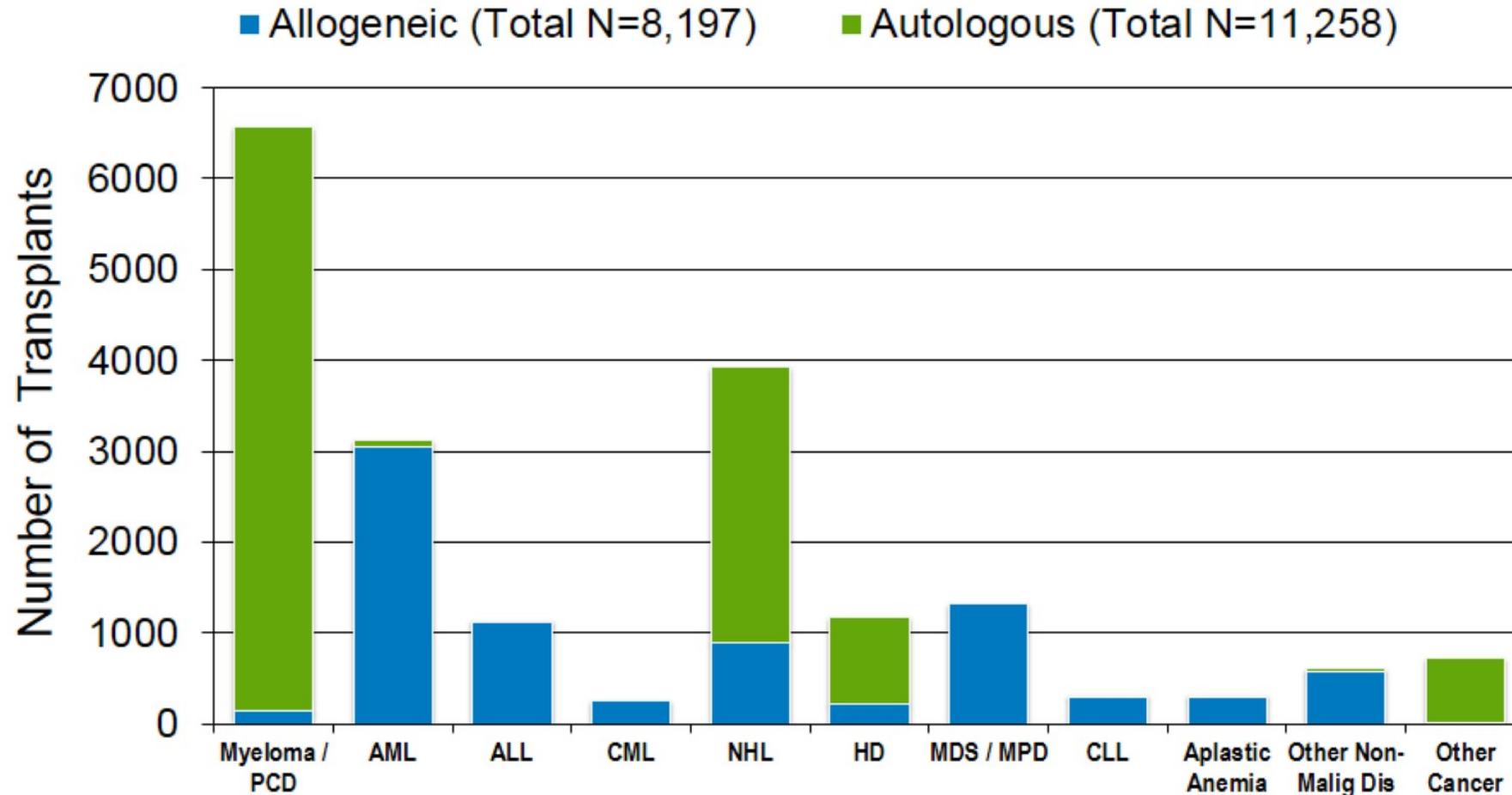
Annual Number of Transplant Recipients in the US by Transplant Type



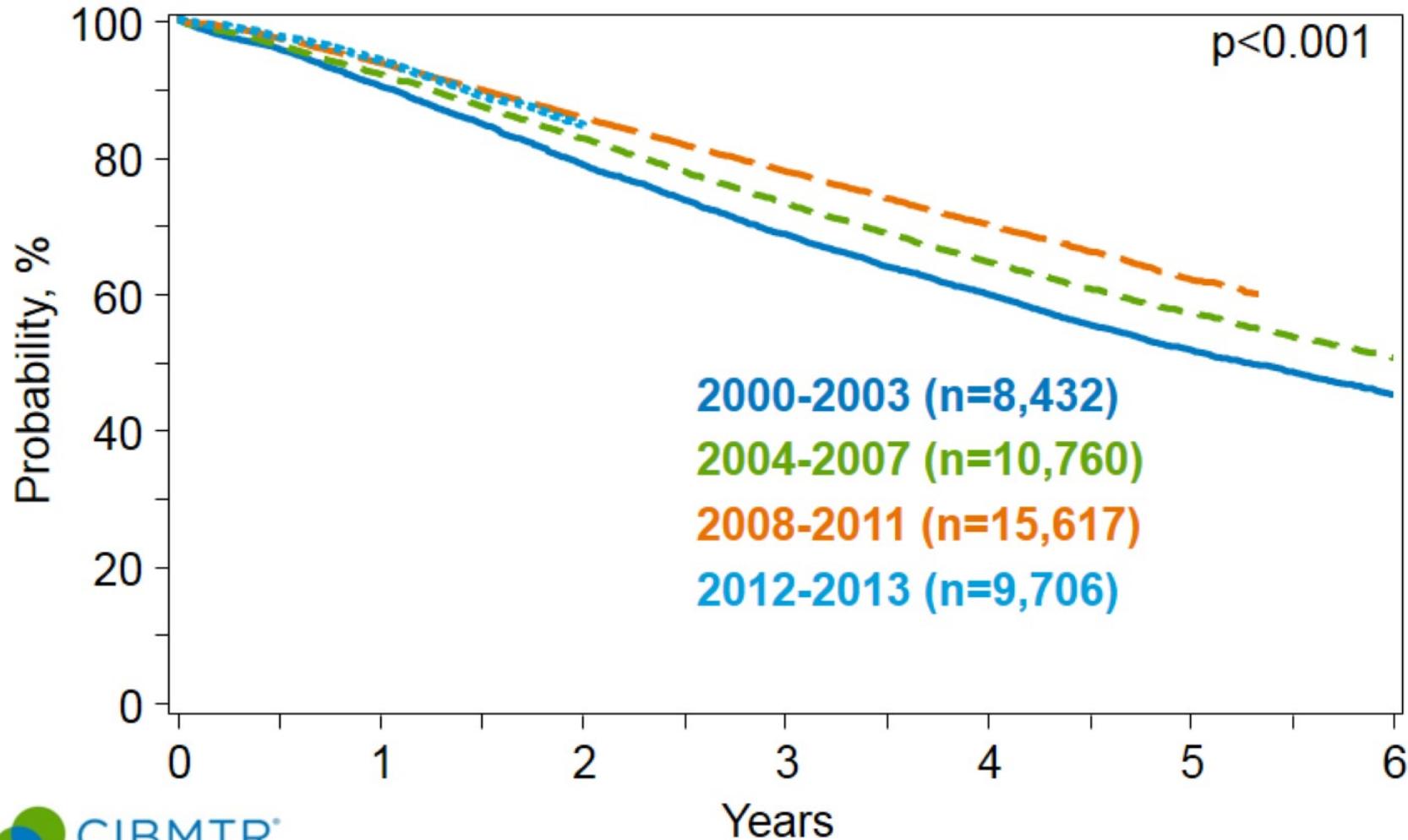
Trends in Autologous Transplants by Recipient Age*



Indications for Hematopoietic Stem Cell Transplants in the US, 2013



Survival after Autologous Transplants for Multiple Myeloma, 2000-2013



ODDS RATIO CAUCASIANS VS. BLACK

P VALUE

All Diseases

| | | |
|------------------------|------|--------|
| All Transplants | 1.4 | <.0001 |
| Autologous Transplants | 1.24 | <.0001 |

NHL

| | | |
|------------------------|------|--------|
| Autologous Transplants | 2.03 | <.0001 |
|------------------------|------|--------|

MM

| | | |
|------------------------|------|--------|
| Autologous Transplants | 1.72 | <.0001 |
|------------------------|------|--------|

Race And Outcomes Of Autologous Hematopoietic Cell Transplantation For Multiple Myeloma

Parameswaran N. Hari, Navneet S. Majhail, Mei-Jie Zhang, Anna Hassebroek, Fareeha Siddiqui, Karen Ballen, Asad Bashey, Jenny Bird, Cesar O. Freytes, John Gibson, Gregaory Hale, Leona Holmberg, Ram Kamble, Robert A. Kyle, Hillard M. Lazarus, Charles F. LeMaistre, Fausto Loberiza, Angelo Maiolino, Philip L. McCarthy, Gustavo Milone, Nancy Omondi, Donna E. Reece, Matthew Seftel, Michael Trigg, David Vesole, Brendan Weiss, Peter Wiernik, Stephanie J. Lee, J. Douglas Rizzo, Paulette Mehta

Biology of Blood and Marrow Transplantation
Volume 16, Issue 3, Pages 395-402 (March 2010)
DOI: 10.1016/j.bbmt.2009.11.007



FIGURE 1.

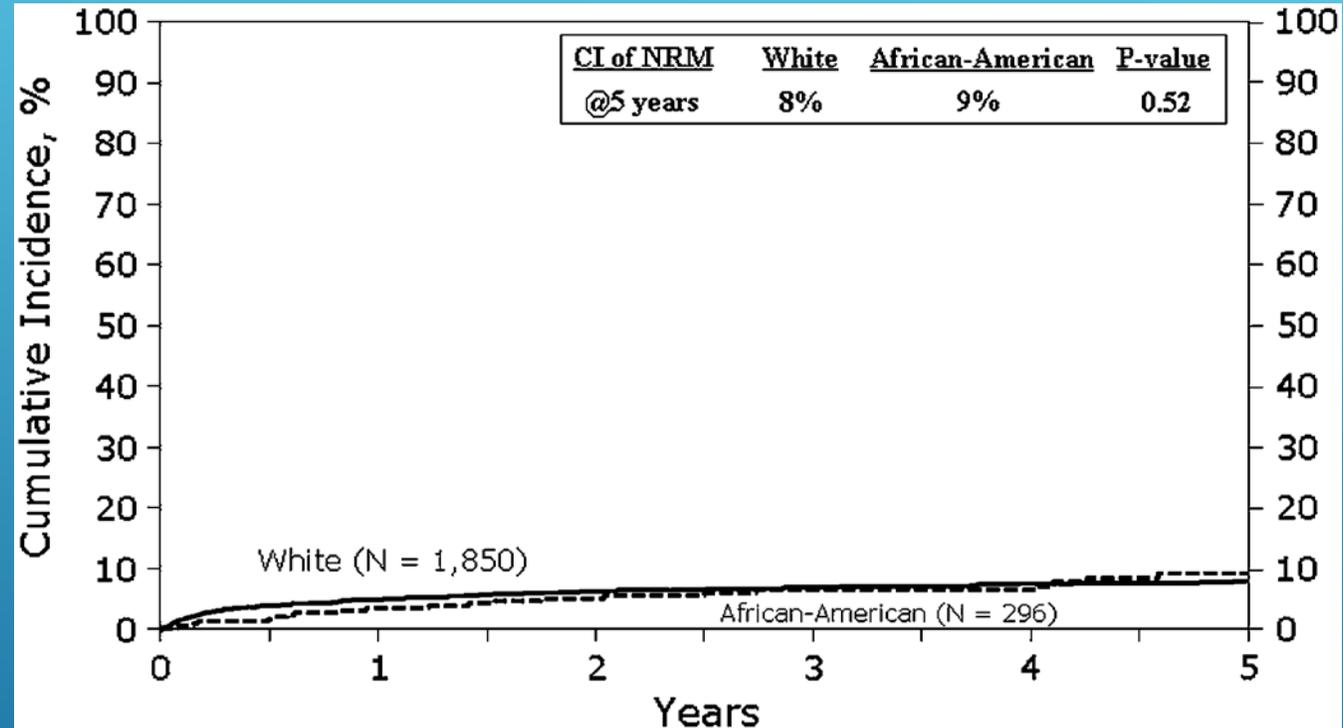


FIGURE 2.

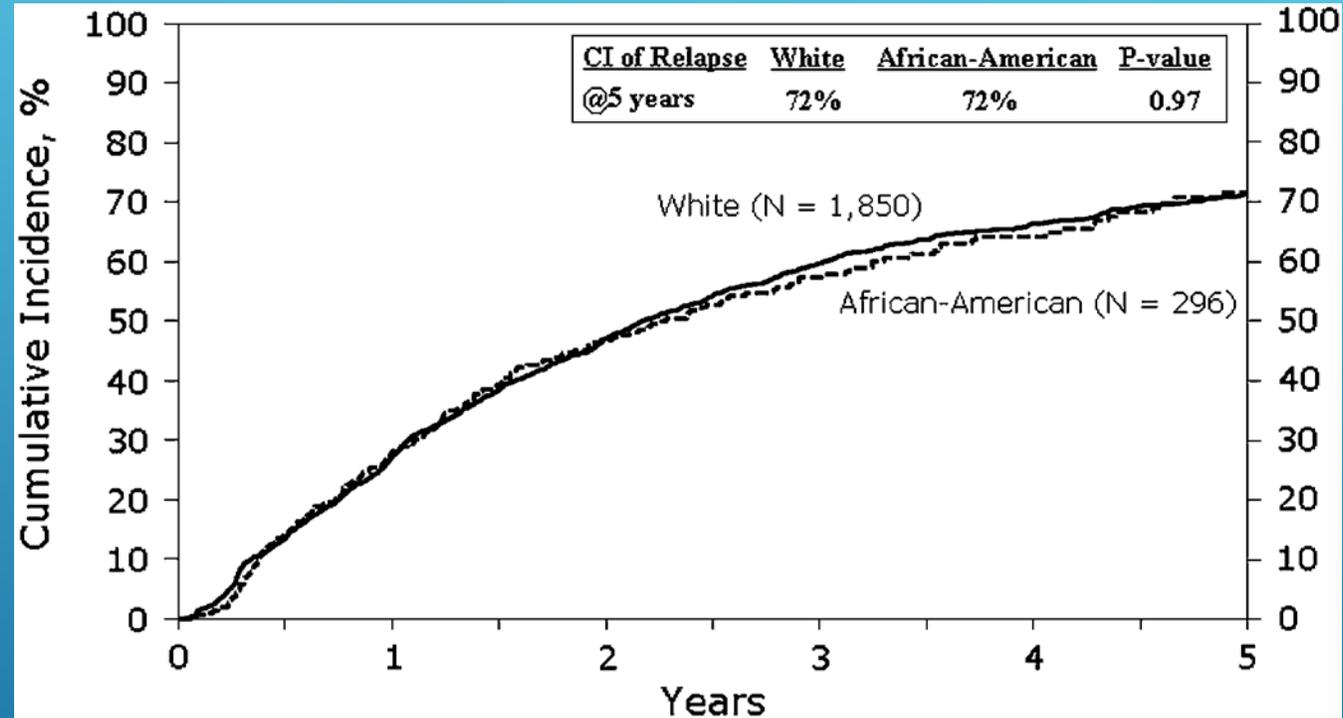


FIGURE 3.

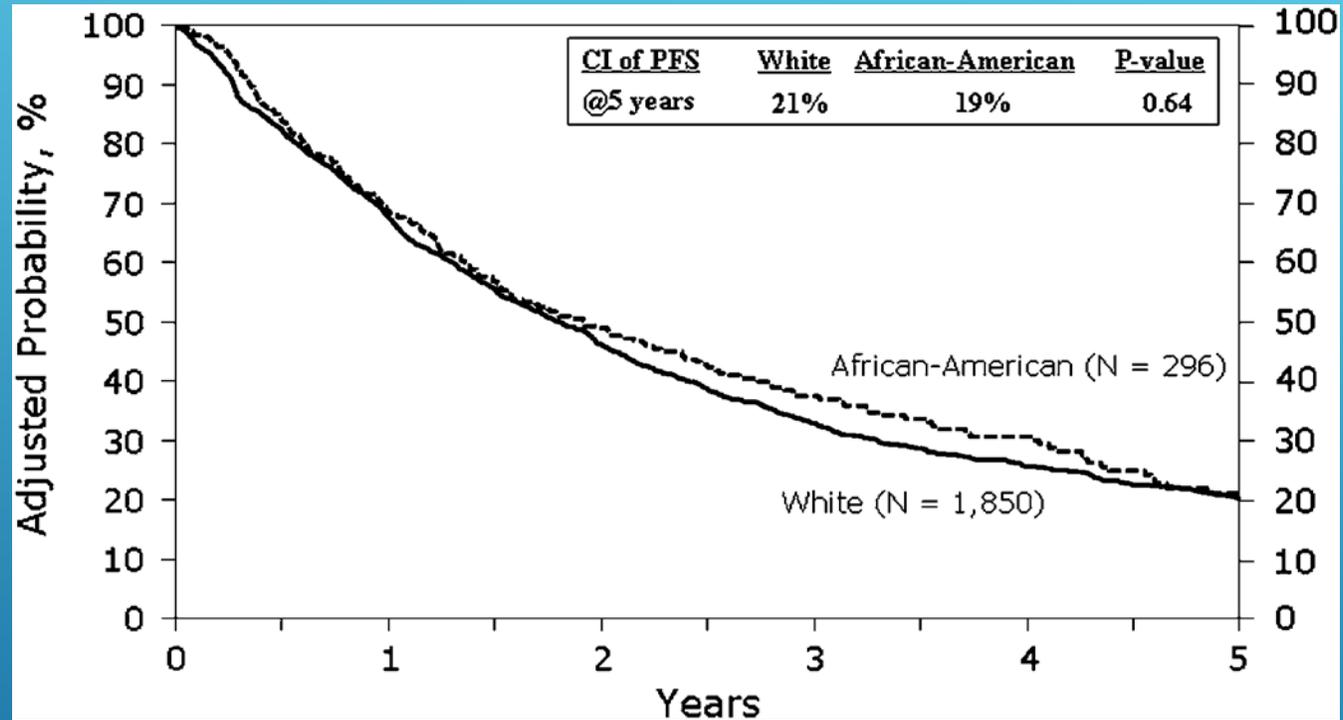
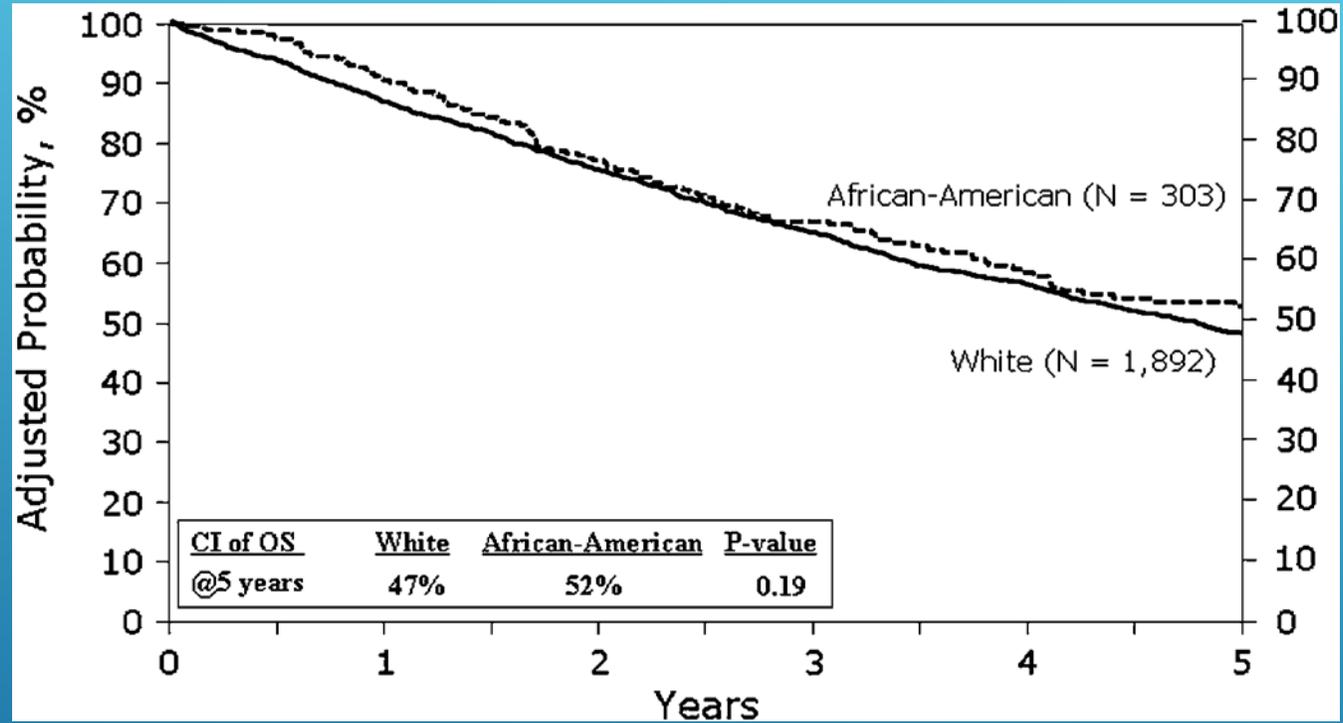


FIGURE 4.



Disparities in Utilization of Autologous Hematopoietic Cell Transplantation for Treatment of Multiple Myeloma

Luciano J. Costa, Jia-Xing Huang, Parameswaran N. Hari

Biology of Blood and Marrow Transplantation
Volume 21, Issue 4, Pages 701-706 (April 2015)
DOI: 10.1016/j.bbmt.2014.12.024



FIGURE 1.

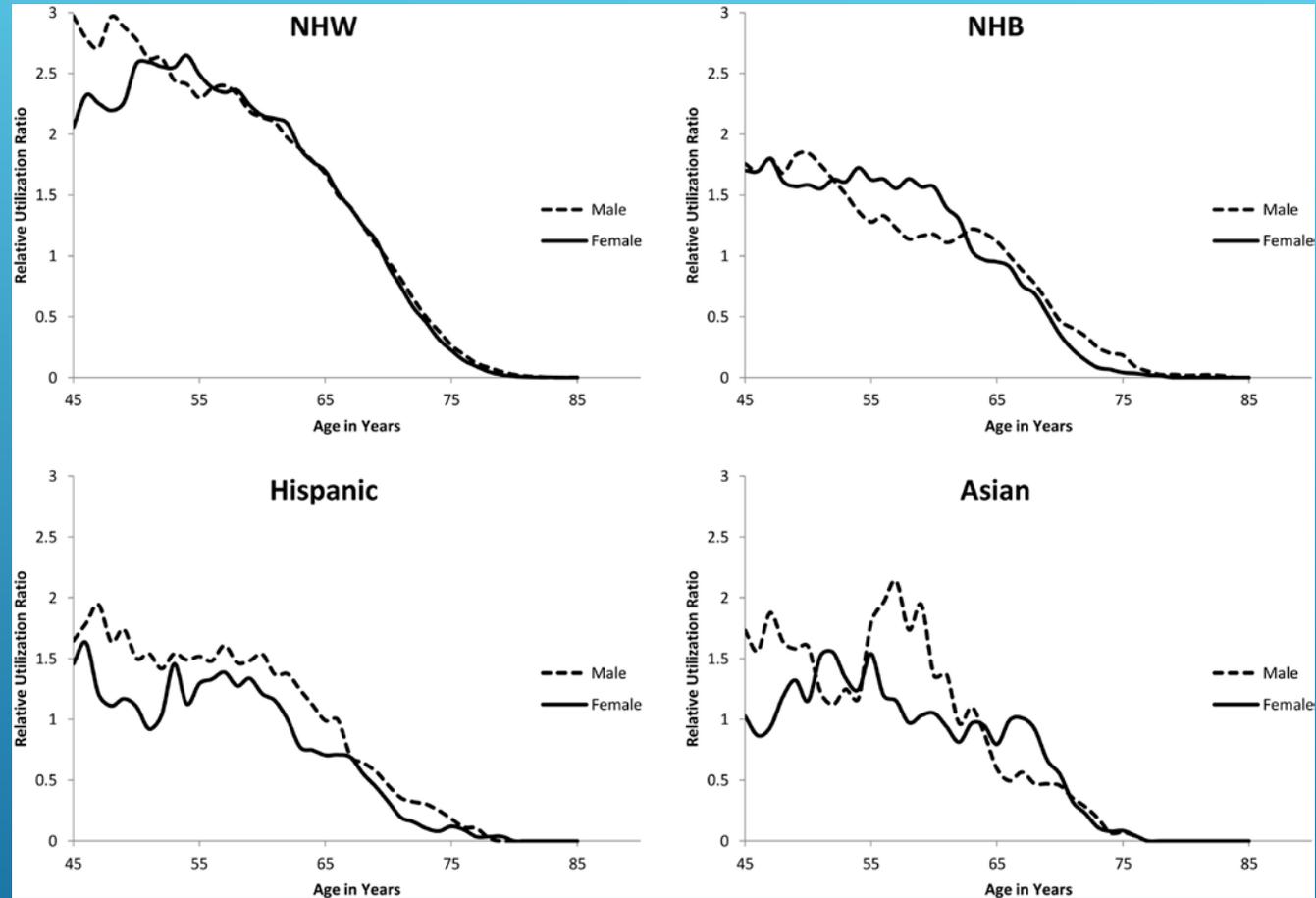
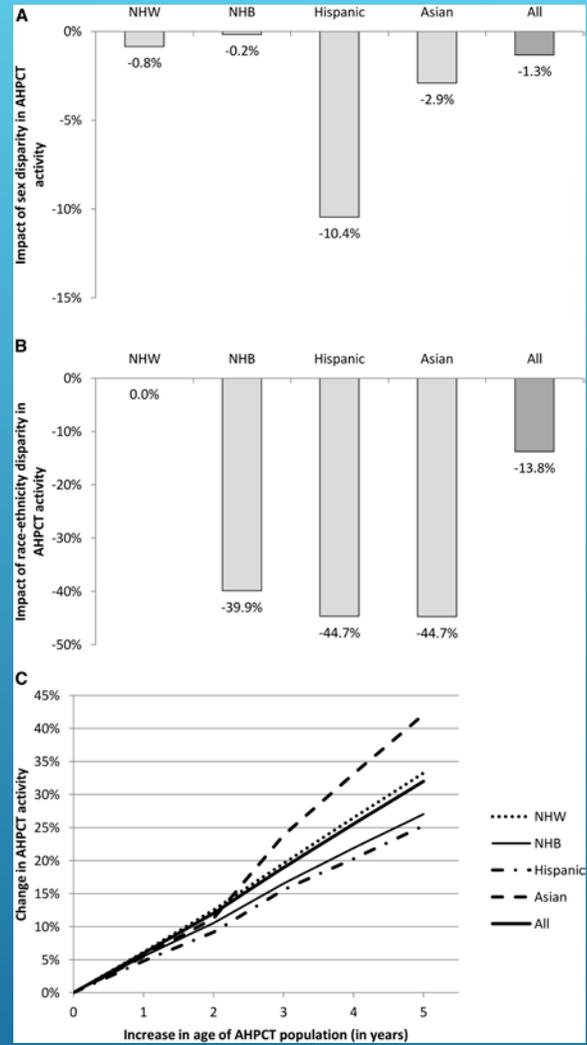
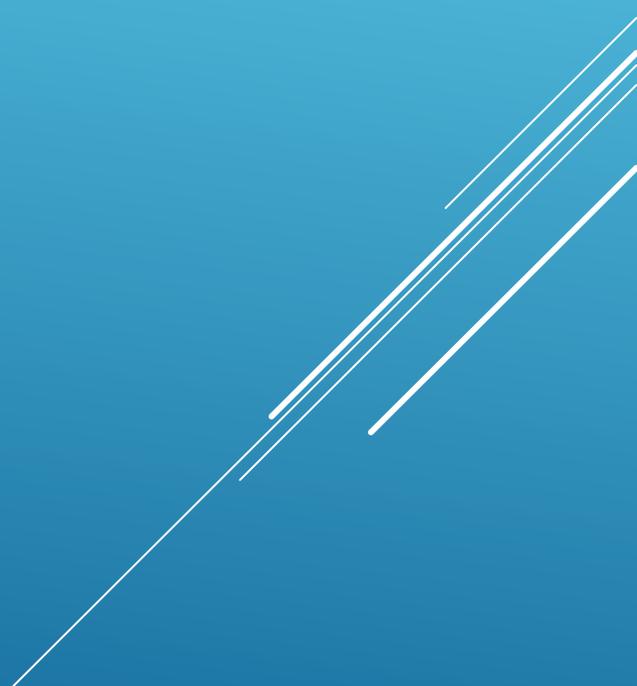


FIGURE 2.



- ▶ Data does not capture all transplant activity
- ▶ Data does not capture reasons for apparent differences in activity

LIMITATIONS



- ▶ Subcommittee of this group to consider developing consensus guidelines to study and try to understand if this is a problem
- ▶ Work with other interest groups CIBMTR/ASBMT/ASH

NEXT STEPS

