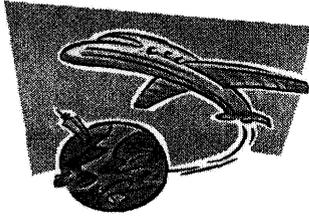


Dr. Sullivan
June 1, 2000

NATIONAL BLOOD DATA
RESOURCE CENTER



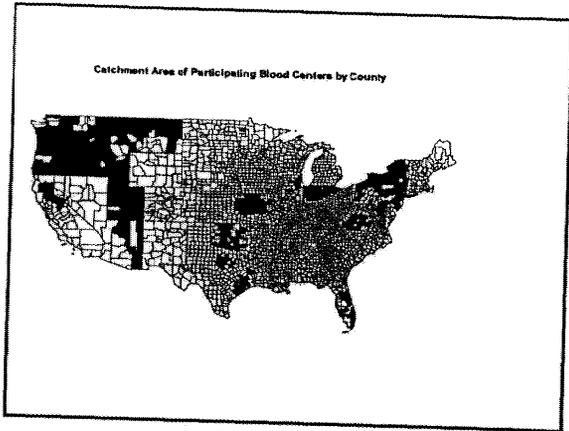
Deferral of Blood Donors with a
History of Travel to or Residence
in the United Kingdom (UK)



Collection of Monthly Data
from Blood Center Sample

- Sample size = 26
- 34% of US blood center collections
- Representative of US centers >25,000 annual whole blood collections
- Data submitted monthly
- October 1999 thru April 2000





Characterization of Blood Center Sample

First time donor percent
(N=15)

Mean = 24.1
Median = 19.7
Range = 6 - 55
Standard deviation = 13.3

N
RB
CD

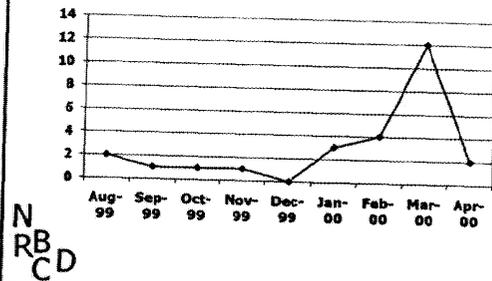
Characterization of Blood Center Sample

Donation interval for
repeat donors (N=7)

Mean = 175.9 days
Median = 180 days
Range = 127 - 215
Standard deviation = 37.1

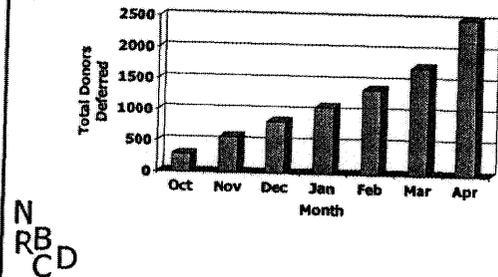
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Implementation Date of UK Deferral at Participating Blood Centers (N=26)



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CD

Cumulative Deferrals Oct '99 through Apr '00



N
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Deferred Donors Blood Center Sample

- Total center-months of deferral = 57
- Total donors deferred = 2,500
- WB collection total = 746,433
- Overall deferral percentage = 0.33
- Center deferral range = 0.04 – 0.95%

N
RB
CD

**Deferred Donors
Donation Type**

Total Donors Deferred	Whole Blood Donors	Apheresis Donors	Unspecified Donors
2,500	1,290	57	1,153

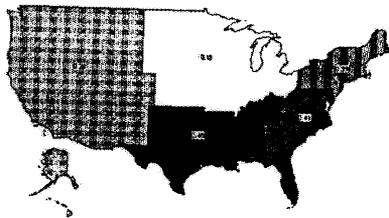
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**Deferred Donors
First Time versus Repeat**

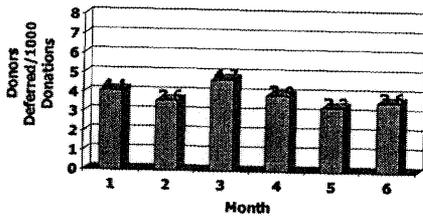
Total WB Donors Deferred	First Time Donors	Repeat Donors	Unspecified Donors
1,290	425	865	1,153

N
RB
CD

UK Deferral Rate by Geographic Area



Deferral Rate by Month Following Implementation



N
RB
CD

Components Lost

57 apheresis donors x 12 x 6 = 4,104
 865 repeat WB donors x 2 x 1.8 = 3,114
 425 first time donors x 1 x 1.8 = 765
 1,153 unspecified x 1 x 1.8 = 2,075
 10,058

N
RB
CD

Limitations of the Data

- No assessment of self-deferrals
- Incomplete data for apheresis donors
- Incomplete data for repeat donors
- Sample may not be representative of US blood centers with respect to this donor characteristic

N
RB
CD

Conclusions

- A total of 2,500 donors were deferred at 26 US blood centers between Oct -Apr
- Repeat donors account for two-thirds of WB donors deferred
- The discrepancy between expected and actual on-site deferrals may indicate substantial self-deferral rates

N
RB
CD

Acknowledgements

- | | |
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| ■ Jay Menitove | ■ Steve Erjavec |
| ■ Al Gjersvig | ■ Niki Norris |
| | ■ Jaqueline Kocz |

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