



## TRALI risk-reduction What does it mean to me ?

Hospital Forum  
September 16, 2016  
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### AABB Standard 5.4.1.2

- AABB Standard
  - Plasma, **Apheresis Platelets**, and Whole Blood for allogeneic transfusion shall be from males, females who have not been pregnant, or females who have been tested since their most recent pregnancy and results interpreted as negative for HLA antibodies
  - Must be implemented by October 1, 2016
  - Carter BloodCare implementing September 23, 2016



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### Apheresis Platelet Donors

- **Apheresis Platelet Donors**
  - 86% Rh Positive
  - 14% Rh Negative
    - Rh donors are in high demand for RED CELL collections
  - ~ 65% Male and 35% Female
    - 53% of the Female Donors have been pregnant
      - 30% have tested positive for anti-HLA antibodies



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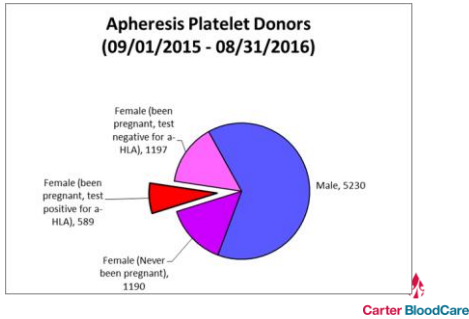
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## Apheresis Platelet Donors




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## Apheresis Platelet Requests

- **Is TYPE Specific Required?**
  - Platelets carry small amounts of A and B antigens and do NOT carry Rh antigens
  - Apheresis Platelets contain an insignificant amount of red cells posing MINIMAL risk of Rh sensitization
  - Select population who need ABO specific platelets




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## Apheresis Platelet Requests

- **Is Rh Negative Required?**
  - Select population may require Rh negative
  - Anti-D immune globulin may be considered when Rh positive platelets are transfused




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## Transfusion Service Action Items

- Review apheresis platelet transfusion policy
- Update to reflect general population usage
  - Any ABO group platelet
  - Rh positive rather than Rh negative
- ABO and Rh specific orders will be reviewed



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