Transfusion Reaction Discussion Questions:

1. **What is the difference between an acute reaction and a delayed reaction?**

2. **What is the purpose of a clerical check?**

3. **What is the purpose of a hemolysis check?**

4. **What information do the post-transfusion and pre-transfusion DATs give us?**

5. **Which transfusion reactions are considered to be acute?**

6. **Which transfusion reactions are considered to be delayed?**

7. **What is the mechanism for acute hemolytic transfusion reactions?**

8. **What are the symptoms of an acute hemolytic transfusion reaction?**

9. **What are the expected lab findings of an acute hemolytic transfusion reaction?**

10. **What are ways that acute hemolytic transfusion reactions can be prevented?**

11. **What are some causes of a non-immune acute hemolytic transfusion reaction?**

12. **What blood products are most often associated with transfusion associated sepsis (TAS)?**

13. **What are the symptoms of TAS?**

14. **What are the lab findings for TAS?**

15. **How can TAS be prevented?**

16. **What is the mechanism for the occurrence of febrile non-hemolytic transfusion reactions (FNHTR)?**

17. **What are the symptoms of FNHTR?**

18. **How can FNHTRs be prevented?**

19. **What are the mild allergic reaction symptoms?**

20. **What are the severe allergic reaction symptoms?**

21. **What treatments are used for the different levels of allergic transfusion reactions?**

22. **What is the mechanism for transfusion-related acute lung injury (TRALI)?**

23. **What are they symptoms of TRALI?**

24. **What tests are used to diagnose TRALI?**

25. **How can TRALI reactions be better prevented?**

26. **What is the mechanism of Transfusion-Associated Circulatory Overload (TACO)?**

27. **What patients are more at risk for TACO?**

28. **What are the symptoms of TACO?**

29. **What tests are used to diagnose TACO?**

30. **How can you prevent TACO?**

31. **What is the mechanism of delayed hemolytic/serologic transfusion reaction (DHTR)?**

32. **Which antibodies commonly cause DHTR?**

33. **What are the symptoms of DHTR?**

34. **What lab results do you expect to see with DHTR?**

35. **What is the mechanism of transfusion-associated graft-versus-host disease (TA-GVHD)?**

36. **What patients are more at risk for TA-GVHD?**

37. **What are the symptoms for TA-GVHD?**

38. **What are the lab findings expected for TA-GVHD?**

39. **How can TA-GVHD be prevented?**

**40. What is the mechanism for post-transfusion purpura?**

**41. What are the symptoms of post-transfusion purpura?**

**42. Who is at the greatest risk for iron overload?**

**43. What are the symptoms of iron overload?**