Autoimmune Hemolytic Anemias Discussion Questions:

1. **What is an autoimmune hemolytic anemia?**

2. **What are the frequencies of warm autoantibodies vs. cold autoantibodies?**

3. **What lab results would you expect to see for a patient with autoantibodies?**

4. **Does a positive DAT always result in hemolytic anemia?**

5. **Describe the difference between a compensated and uncompensated anemia.**

6. **List reasons why some individuals may be affected by autoantibodies and others are not.**

7. **What is the most common cold autoantibody specificity?**

8. **What is the biggest problem with benign cold autoantibodies?**

9. **In what individuals will an anti-IH most commonly be found?**

10. **What are the common presentations of Cold Hemagglutinin Disease (CHD)?**

11. **What are the common lab findings for Cold Hemagglutinin Disease?**

12. **What is secondary cold autoimmune hemolytic anemia?**

13. **What is the presentation of Paroxysmal Cold Hemoglobinuria (PCH)?**

14. **Describe the steps and results of the Donath Landsteiner Test.**

15. **Compare and contrast CHD to PCH.**

16. **What are diseases that are associated with warm autoimmune hemolytic anemia (WAIHA)?**

17. **What are symptoms of WAIHA?**

18. **What are the lab findings of WAIHA?**

19. **What is the strength of the DAT reactions correlated with?**

20. **How are corticosteroids used to treat WAIHA?**

21. **How will a splenectomy treat WAIHA?**

22. **How will immunosuppressive drugs treat WAIHA?**

23. **What is the first treatment considered for patients with symptomatic WAIHA?**

24. **What blood bank testing can autoantibodies interfere with?**

25. **How can cold autoantibodies interfere with a blood type and how can this be resolved?**

26. **How can autoantibodies interfere with antibody screens and what methods are used to resolve this?**

27. **Describe the process of an autoadsorption.**

28. **Describe the process of an alloadsorption and how this might differ from autoadsorptions.**

29. **How might cold autoantibodies interfere with compatibility testing (crossmatches) and how can this be resolved?**

30. **How can warm autoantibodies interfere with compatibility testing (crossmatches) and how can this be resolved?**

31. **How does the drug adsorption (hapten) mechanism for drug-induced immune hemolytic anemia work?**

32. **How does the drug-dependent or immune complex mechanism work?**

33. **How does the membrane modification mechanism work?**

34. **How does the autoantibody formation mechanism for drug-induced immune hemolytic anemia work?**

35. **Give examples of drugs that may cause each type of drug-induced hemolytic anemia mechanism.**

36. **Which drug-induced mechanisms are caused by IgG antibodies?**

37. **Which drug-induced mechanisms are caused by plasma proteins?**

38. **Which drug-induced mechanisms are caused by mainly IgM antibodies?**

39. **Describe how the DAT and eluate results will differ between each type of drug-induced hemolytic anemia mechanism.**