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Catching Killers: Blood Spatter

1. Describe how the body in the desert was found.
2. How did the police determine the victim’s identify? Give both ways.
3. Who was the body determined to be?
4. What was the cause of death of the victim?
5. How did police know there was a secondary crime scene?
6. Why was Margaret Rudin the main suspect for Ron’s murder?
7. What was found (or not) in Ron’s study?
8. What was found in the Master Bedroom?
9. How much thicker is blood than water?
10. List the main components of blood:
    1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. What did Karl Landsteiner discover?
12. What year was bloodstain pattern analysis first used?
13. What TV show and movie were inspired by this event?
14. Describe Dr. Sam Sheppard’s sequence of events for the murder.
15. What two things made police suspicious of Dr. Sam Sheppard
16. What was the verdict of his trial? What was the sentence?
17. Who was Paul Kirk, and why was he brought into the case?
18. Describe Passive Stains.
19. Describe Transfer Stains.
20. What are the three categories of Spatter?
    1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. How did Kirk figure out where Marilyn’s killer must have stood?
22. While trying to recreate the crime, what was Kirk able to determine about the killer?
23. How do crime scene analysts determine if a substance is blood or not?
24. How does Luminol work?
25. What kind of blood spatter was found at the Rudin crime scene? What did this indicate?
26. What was the twist in the Rudin crime that complicated the evidence?
27. What caused the large blood stain at the Sheppard crime scene?
28. Describe agglutination.
29. What blood type was the large blood stain? Why is this important?
30. What blood type is Sam Sheppard?
31. What did Paul Kirk conclude?
32. How long was Sam Sheppard in jail for after the blood evidence?
33. What does the shape of a blood drop tell you?
34. How do investigators figure out where the blood originated from?
35. How was Perkins able to determine which blood spatter was from which event?
36. What happened when police went to arrest Margaret Rudin?
37. Why was Sam Sheppard’s conviction overturned?
38. What was the verdict of the second trial?
39. Who later confessed to the murder of Marilyn Sheppard?
40. Where was Margaret Rudin finally apprehended?
41. Why do police believe Margaret had an accomplice?
42. What sentence does Margaret receive?
43. Describe the forensic camera that is being developed to find blood.