



The Case of the Cyanide Cocktail

continued....

The police have been identifying and investigating potential suspects in the possible murder of Dr. Fischer. Your preliminary results have been very helpful. As a result of your report, the detectives have narrowed the suspect list to three people. They are:

Dr. Susan Bettleman

Dr. Bettleman is a colleague of Dr. Fischer's. They have worked together in the same obstetrics/gynecology practice for the past eight years. Dr. Bettleman has been very envious of Dr. Fischer's success and recognition. Other colleagues report that she often felt overshadowed by Dr. Fischer and resented his success. She does not have an alibi for the time of alleged murder. Now that Dr. Fischer is dead, the entire practice belongs to her. Dr. Bettleman does not have any pets.

Mrs. Maureen Gillian

Mrs. Gillian is a patient of Dr. Fischer's. She had an appointment with Dr. Fischer on the day of the alleged murder, and the office receptionist reported that when she left from her appointment she seemed very upset. Mrs. Gillian will not reveal to the police why she was upset. She claims that she was with her husband at the time of the murder, but her husband's version of the story is slightly different from hers. The police suspect that she and/or her husband might be lying. Mrs. Gillian owns a black and tan German Shepherd.

Miss Jennifer Dansen

Miss Dansen is the girlfriend of Dr. Fischer's nephew, Claude Fischer – his only living relative, heir to his estate, and beneficiary of his life insurance policy. Miss Dansen claims that she was at a movie around the time of the alleged murder, but no one can confirm her story. Ms. Dansen does not own any pets, but her boyfriend Claude owns a grey and white cat.

The police have gathered the following from each suspect:

- 1.) Samples of their hair and the hair of their pets, if applicable.

- 2.) Samples of their lipstick and lip prints.
- 3.) Blood.

You will be asked to analyze these samples and compare them to the evidence collected from the scene. The samples from the three suspects and the evidence sample have been labeled A-D. You will not be allowed to know which suspects the letters correspond to until after you have made your conclusions.