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| **Topic:** Research Concepts |
| **Learning Objective/Outcome:**  |
| **Keywords/Questions** | **Notes** |
| **Define validity.****Define reliability.****How can it be determined that a method is reliable?****What is a placebo?****Do people know when they are receiving a placebo?****Explain the placebo effect.****Why might the placebo effect cause the results of a clinical trial to be not valid?****What is a blind trial?****Why may a blind trial help to decrease the influence of the placebo effect on the results?****How is a double-blind trial different from a blind trial?****What are the benefits of having researchers blinded along with the patients?****Define bias.****What is randomization?****What sorts of groups may clinical trial patients be sorted into?****Why should randomization be used in clinical trials?****Why are clinical trials that use randomization ended as soon as one treatment is proven to be more effective?** |  |
| **Summary**  |