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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** | |