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| **Main Topic:** Research Concepts**Learning Objectives/Outcomes:** |
| **Topic 1:** Validity & Reliability | **Topic 2:** Placebos | **Topic 3:** Blind & Double-Blind Trials | **Topic 4:** Randomization |
| **Ideas****What is validity?****What is reliability?****How do we determine if a method is reliable?****Why is this target an example of good reliability but poor validity?** | **Ideas****What is a placebo?****Do people know if they are getting a placebo?****What is the placebo effect?****Is the placebo effect a result of physical or psychological changes in patients’ health?** | **Ideas****What is a blind trial?****What is a double-blind trial?****What is the purpose of blind trials?****Why are double-blind trials sometimes needed?****What is bias?** | **Ideas** **What is randomization?****What groups might a patient be randomly assigned to?****Why is a randomized clinical trial ended as soon as one treatment is proven to be more effective?** |
| **Key Vocabulary****Validity:** **Reliability:**  | **Key Vocabulary** **Placebo:****Placebo Effect:**  | **Key Vocabulary****Blind Trial:** **Double-Blind Trial:** **Bias:** | **Key Vocabulary****Randomization:**  |
| **Pictures**    | **Pictures**  | **Pictures**  | **Pictures**  |