

Chapter 2 Homework

1. Two scientists want to know if a certain drug is effective against high blood pressure. The first scientist wants to give the drug to 1,000 people with high blood pressure and see how many experience lower blood pressure levels. The second wants to give the drug to 500 people with high blood pressure and not give the drug to another 500 people with high blood pressure and see how many people in both groups experience lower blood pressure.
 - a. What is the better way to test this drug?
 - b. Why is it better to test the drug this way?

2. Find a news report describing a new health technology published in the last year.
 - a. Based on this article, summarize which steps in the technology assessment process have been carried out for this technology.
 - b. Given this, do you believe that the news report provides a balanced discussion of the potential promise and the potential limitations of this technology?

3. Dr. Maurice Hilleman died recently. A quote from his obituary stated, "I think it can be said without hyperbole that he was a scientist who saved more lives than any other modern scientist."
 - a. What was Dr. Hilleman's contribution to medical science?
 - b. How many lives per year are saved as a result of his work?
 - c. Discuss Dr. Hilleman's work as an example of translational research.

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