



1. What is randomization? Explain different techniques of randomization with examples.
2. What is a protocol in clinical research? Describe elements of protocol.
3. Describe levels of blinding employed in clinical research.
4. What are the differences between observational and experimental studies in medical research? Clarify with examples.
5. Write a short note on 'Z' test.
6. What is cross over design? Explain its merits and demerits.
7. What is a placebo control in clinical trials? What are the conditions where use of a placebo is not unethical?
8. What is hypothesis testing? Describe Null and Alternate hypothesis.
9. Write a note on Materiovigilance.
10. Explain the importance of BELMONT Report.

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