Unit 2 - Week 1 Introduction to Biomaterials and Biocompatibility

Week 1 Assignment

Due on 2019-06-14, 23:59 IST.

1. Establishing biocompatibility of a medical device
   - In vitro test
   - Animal test
   - Clinical test

2. Tissue engineering
   - Bone
   - Tissue

3. Current perspectives on drug discovery and clinical trials
   - Preclinical testing
   - Clinical trials

4. Manufacturing of medical devices
   - Quality control
   - Risk assessment

5. The role of biocompatibility in medical devices
   - Biocompatibility testing
   - Regulatory requirements

6. The impact of biocompatibility on patient outcomes
   - Short-term benefits
   - Long-term outcomes

7. The future of biocompatibility
   - Emerging technologies
   - Future research

Text Format: Text-based assignment questions and answers.