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Rapid Prototyping Technology and Its Application in Bone Tissue Engineering

Key words: Rapid prototyping, Bone tissue engineering, Scaffolds



Summary



This review focused on the research progress of application of Rapid Prototyping (RP) technology in bone tissue engineering.

- Basic principles of different RP technologies
- Advantages and disadvantages of different RP technologies
- Application status and trends of RP technologies in bone tissue engineering





Innovation points



- **Introduction** the basic knowledge of RP technology, including principle, process and characteristics
- **Summary** of the most updated research progress about RP technology and its application in bone tissue engineering
- **Emphasis** of the characteristics of different RP technologies and their application status and trends



technology unique objects
manufacturing three-dimensional
future making replicating flexible solid virtual
3D printing
process engineering modeling
machine build assembly layers