
The Magic of Ceramics -- Study Guide, Chapter 8

1. What were two early medical uses of ceramics?
2. What requirements must be met for the repair or replacement of a body part with a material such as a ceramic?
3. What is a bioceramic?
4. When were ceramics first used to replace teeth?
5. What material was used?
6. What are some materials that have been used for hip replacements?
7. Explain how ceramics have greatly improved bone restoration.
8. In what ways are ceramics involved in eye repairs?

9. Identify some important uses of ceramics in making medical diagnoses.

10. Why are ceramics important for the CAT scan?

11. Describe the impact that the endoscope has had on medicine.

12. Explain how ceramics are used in the treatment of liver cancer.

13. What are some uses of ultrasonics in medicine?