Innovation and Invention: Its Impact on Health Care

Biomedical engineering is the field of health care responsible for developing and evaluating medical devices. The origin of many medical devices date back through the centuries. There is always the need for constant improvement to ensure the effectiveness and efficiency of medical devices.

In what ways have medical devices influenced health care?

**ESSENTIAL QUESTIONS A**
What is the relationship between biomedical engineering and health care?

**ESSENTIAL QUESTIONS B**
What can we learn from the evolution of medical technology?

**ESSENTIAL QUESTIONS C**
What strategies can be used in the development of a medical device?

**VOcabulary A**
- Biomedical engineering
- Obsidian
- Prosthetic
- Amputate
- Trephine

**VOcabulary B**
- Stethoscope
- X-ray
- Thermometer
- Hypodermic syringe

**VOcabulary C**
- Five-step process
- Design

**ADDITIONAL INFORMATION/MATERIAL(TEXT/FILM/RESOURCES**
- Textbook: Health Care Science Technology
- Various video clips
- HOSA competitive event guidelines