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Domain Track: Biomedical Engineering

What does quality mean?

Machines

* Accuracy: 1mm difference can make the difference between saving a life or losing it

Prosthetics and implant devices

* Reliability: needs to do the same time every time

Security

* Hackers can gain access to patient heart monitors
* <http://www.theregister.co.uk/2008/03/12/heart_monitor_hacking/>

Other important factors

* Easy to keep up to date, fast and efficient

Software developers must follow Part 11 of the FDA’s Title 21 and the rest of the is up to the developer