Use of Technology to Enhance Patient Engagement in Orthopaedic Healthcare Systems

Mobile health technology is used for enhancing patient engagement in orthopaedics.

Digital platforms can:
- Deliver guidance to patients
  - Instructional messages
  - Two-way communication
  - Technical videos for postoperative rehabilitation
- Collect data on patient-reported outcome measures

Review of digital technology in orthopaedic care:
- Literature survey
- Clinical trials of patient engagement technologies

Patient and physician outcomes:
- Patient and physician satisfaction
- Improved patient outcomes
- Cost savings
- Improved care for geographically limited areas

Limitations:
- Less medical regulation
- Unsuitable for complex rehabilitation
- Exclusion of people without access to smart and cellular technology
- Disengaged patients remain disconnected

Technology can be used for enhancing patient engagement and satisfaction; however, the practical value of the platforms should be assessed well before use.