Artificial intelligence (AI) is advancing multiple facets of human life, including orthopaedic healthcare.

**APPLICATIONS**
- Remote post-operative patient monitoring
- Optimization of implants and devices
- Diagnosis using imaging and gait analysis
- Assessing post-operative outcomes and overall costs of procedures

**FEATURES**
- Analyzes complex patient data (big data), thus delivering comprehensive conclusions
- Helps medical practitioners synthesize meaningful diagnoses

**LIMITATIONS**
- Reliance on quality of input data, in terms of volume, organization, and quality of information
- Relevance of used data when it is inputted by non-experts
- Potential for bias

Despite limitations, AI offers unprecedented advances in orthopaedic healthcare, which benefit both patients and surgeons.