

Medical AR/VR Evolution Scenarios

2027 Horizon

By this point, Apple (and competitors like Meta, Microsoft, and smaller AR medical firms) will likely have released updated headsets or glasses. Improvements in comfort, resolution, and AI integration should expand medical adoption.

Surgery

- Surgeons use lighter, higher-resolution Vision Pro-style headsets in *select high-value procedures* (neurosurgery, orthopedics, cardiovascular).
- AR overlays show 3D reconstructions of CT/MRI in near real-time with better alignment to anatomy.
- Remote collaboration is practical: senior surgeons can guide junior surgeons across the globe with first-person view streaming.
- FDA-cleared AR platforms (like Medivis) gain traction in teaching hospitals.

Radiology & Imaging

- Radiologists begin using AR viewers for 3D scans — faster comprehension of complex cases.
- Tumor board meetings use AR glasses so multiple clinicians can “stand inside” imaging data together.
- AI-enhanced segmentation overlays help quickly identify anomalies.

Rehabilitation & Therapy

- Vision Pro-derived smart glasses become widely used in stroke rehab and physical therapy, offering gamified exercises with real-time correction.
- Pain management and exposure therapy expand into AR — less reliance on bulky VR headsets.