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Telehealth and Innovations in Technology

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“Telehealth” in the “Digital Health” Ecosystem

Technology Functions in Health Care



Telehealth represents the interactive, electronic exchange of information for the purpose of diagnosis, intervention, or ongoing care management between a patient and/or health care providers situated remotely.

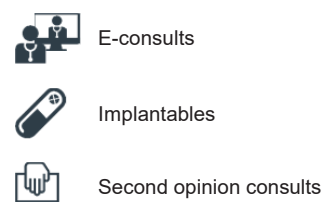
Patient-to-Provider



Telehealth Modalities

Real-time virtual visits
Remote patient monitoring
Asynchronous store-and-forward

Provider-to-Provider



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New Advances in Tech Propel Interest in Telehealth

Notable Telehealth FDA Clearances



KardiaBand

Medical device accessory that uses Apple Watch to capture an EKG, enabling detection of atrial fibrillation



Cochlear Nucleus Implant System

Remote programming capabilities for cochlear hearing implants



Abilify MyCite

Ingestible "smart pill" with digital sensors designed to monitor medication adherence

Tech Giants Targeting Telehealth



Telehealth Regulatory Issues List

- **Professional Conduct**
 - Physician Licensure
 - State Medical Board Regulations
 - Informed Consent
 - Physician-Patient Relationship
 - Prescribing (States, Ryan Haight Act)
- **Technology**
 - FDA – Medical Devices
 - FCC – Wireless Spectrum
 - FTC – Advertising
- **Data Privacy and Security**
 - OCR
 - HIPAA/HITECH
 - Cloud
 - FTC – Breach Notification Rule
 - ONC – Standard Development & Coordination
 - State Privacy and Security Laws
- **Compliance**
 - Reimbursement
 - Stark
 - Anti-Kickback
 - State kickback laws

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