The Wearable Will See You Now

The use of medical wearable technology will be a hallmark of the hospital of the future.

But advancements in care delivery invite new risks, including privacy and network concerns and professional liability exposures.

70% of healthcare organizations will have invested in consumer-facing mobile, wearable, remote health and virtual care technology by 2018.

Sources:
- Cost of a Breach: A Business Case for Proactive Privacy Analytics, Protenus
- Security Trends in the Healthcare Industry, MarketResearch
- IoT Deployments in Healthcare to Reach $117 Billion by 2020, Says New Mind Commerce Report, Comsol
- Accuracy of Wrist-Worn Heart Rate Monitors, JAMA Cardiology

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Help Protect Your Organization

Risk management for wearable technology in the healthcare workplace:

- Provide regular employee trainings on wearable-related data management
- Install and regularly update anti-virus and anti-malware solutions
- Provide written protocols for safe wearable device usage to distribute to patients
- Do not base patient care solely on wearables-driven data

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Patient Privacy

Provides will increasingly access wearable-driven patient data to facilitate care. This increases the risk of PHI breaches, which may not be HIPAA compliant.

Cyber Breach

Reviewing wirelessly transmitted wearables-driven patient data on an unauthorized computer could expose a provider’s entire network to malware.

Bodily Injury

Small and subtle injuries incurred by a wearable device expose patients to the possibility of burns from prolonged usage and electrical shock from excessive leakage currents.

Technology Error

The potential for software glitches means providers could make care decisions based on incorrect patient data.

The healthcare IoT market segment will reach $117 billion by 2020, a goldmine for hackers.

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