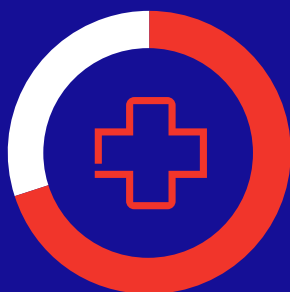


The Wearable Will See You Now

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



70%

of healthcare organizations

will have invested in consumer-facing mobile, wearable, remote health and virtual care technology by 2018

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



Patient Privacy

Providers will increasingly access wearables-driven patient data on their personal mobile devices, which may not be HIPAA compliant



The average HIPAA settlement fine is \$1.1 million



Cyber Breach

Reviewing wirelessly transmitted wearables-driven patient data on a network-linked computer could expose a provider's entire network to malware



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



Bodily Injury

Metals and synthetic fabrics used in wearable devices expose patients to the possibility of burns from prolonged usage and electrical shocks stemming from excessive leakage currents



The operating temperature of a wearable device must remain below 43 °C



Technology Error

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



Wrist-worn heart rate monitors measure incorrectly 10% to 20% of the time

Help Protect Your Organization

Risk management for wearable technology in the healthcare workplace:



Provide regular employee trainings on wearables-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

For more information, visit: www.chubb.com/us/chubbhealthcaresolutions

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Protenus, Security Trends in the Healthcare Industry,
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Consol: Accuracy of Wrist-Worn Heart Rate Monitors, JAMA Cardiology

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