



Managing Cybersecurity Risk

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Introduction

- ▶ A digital transformation in healthcare
- ▶ Importance of cybersecurity in healthcare
- ▶ Creating a resilient culture and infrastructure



The Cybersecurity Landscape

- ▶ Current cybersecurity threats: Ransomware, Phishing, Insider Threats
- ▶ Increasing frequency and sophistication of attacks
- ▶ Increased scrutiny by regulators and OCR



A white computer keyboard and a black stethoscope are shown on a white surface. The keyboard is in the upper left, and the stethoscope is in the lower left. The background is a dark blue and green geometric pattern.

Cybersecurity Challenges for Rural Hospitals

- ▶ Limited resources and expertise
- ▶ Dependence on outdated systems
- ▶ Remote-only support/service options

Case Study: 60 Bed Regional Hospital



Regional Healthcare Facility took a ransomware attack, backups worked!



Immediate impact: 72 Hour Diversion Period during restoration efforts



Long-term impact: Chaos for weeks

The Cost of Not Knowing



Financial impact: Ransom payments, system recovery costs



Operational impact: Disruption of services, loss of patient trust



Healthcare impact: Diversion



Best Practices for Managing Cybersecurity Risk

- ▶ Regular risk assessments
- ▶ Employee training and awareness
- ▶ Incident response planning
- ▶ Continuous Monitoring

Implementing a Cybersecurity Framework



Steps to implement a cybersecurity framework



Importance of continuous monitoring and improvement



Examples of cybersecurity frameworks being implemented in hospitals

Role of Executives in Cybersecurity

Leadership:
Setting the tone
for cybersecurity
culture

Management:
Executive access
to cybersecurity
expertise

Accountability:
Allocating
resources for
cybersecurity risk
management

Conclusion



Cybersecurity doesn't have a finish line



You don't have to be first, but you can't be last!



Who's going to lead the effort?

Questions & Answers

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