MARO MONTHLY

with Northwell Health's Crisis Management Team

HELLO!

Welcome to another month of Northwell Health Crisis Management Team's newsletter, where you can share, learn about, and explore emergency management topics! Each month we will highlight different topics in emergency preparedness and emergency management, as well as healthcare administration. We encourage you to review our upcoming course offerings and other relevant information!

As always, we look forward to sharing our resources, hearing your suggestions, and getting to know *you* at our trainings.

The October 2023 newsletter will be centered around *Cybersecurity Awareness* in honor of Cyber Security Month!

Scan Here to Register for our courses!

OUR MISSION

To lead the health system and community in an efficient and effective way before, during, and after emergency situations.

OUR VISION

Northwell's Crisis Management Incident Response Team is committed to providing the surrounding community with a high-quality learning environment, training resources, and promoting an environment of collaboration with our training partners.

"Cybersecurity needs to be part of the fabric of every company and every industry."

– Charles Scarf
CEO & President, Wells Fargo

Cyber Security Considerations: *Technology is everywhere, but how do we protect the Nation's Critical Infrastructure?*

Technology has become an integrated component of society– from everyday computer usage to our national security. The wide net that technology casts has resulted in an increase in cyber-attacks. Cyber-attacks are malicious attempts to access or damage a computer system and can result in loss of money, theft, personal information, and damage to your reputation and safety. It has become of critical importance that individuals, cooperations, healthcare systems and government entities have an awareness of the cyber threat landscape and means to protect against attacks. This is especially important on a national level as the government relies on cyber networks to provide national security, public safety, and economic stability. Health care organizations have also been targeted in recent cyber-attacks posing threats to patient safety. Cybersecurity initiatives and measures should be put in place to protect individuals and organizations.

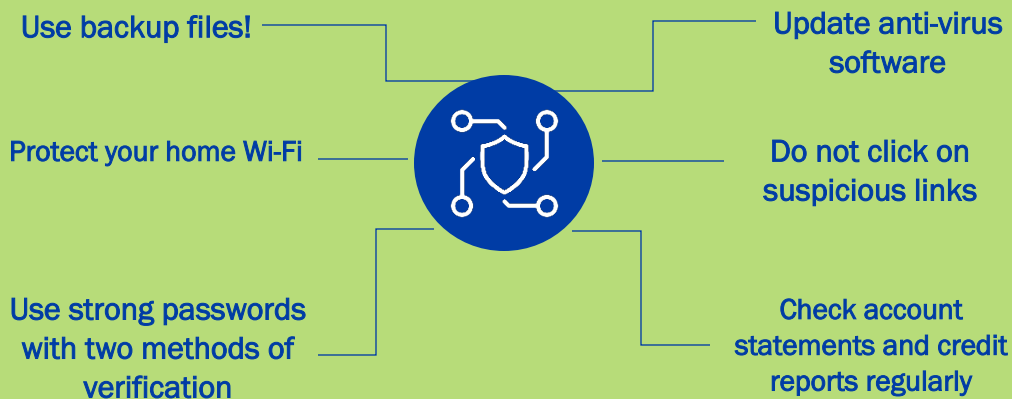Source: FEMA

Personal Cyber Attack Preparedness

What is a cyber-attack?

Cyber attacks are defined as malicious attempts to access or damage computer systems that can lead to:

- Loss of money
- Loss of property
- Theft of personal information
- Safety risks

Recommended Protection Tactics

Use backup files!

Protect your home Wi-Fi

Use strong passwords with two methods of verification

Update anti-virus software

Do not click on suspicious links

Check account statements and credit reports regularly

Source: (FEMA, 2023)

Northwell Health Cyber Security Webinar

As cyber security continues to become a growing threat it is important to consider its impact within the healthcare space. Many health systems rely heavily on Electronic Health Record s (EHRs) and electronic prescribing software to "smart" infusion pumps and remote patient monitoring devices. The vast use of electronic software within the healthcare space creates suitability for ransom ware and other malware attacks. In response to t his, the Northwell Health Crisis Management Team has created and begun teaching the Cyber Security Response In Health Care: Emergency Management's Role". The course places an emphasis on the current cyber threat landscape, emergency management's role in cyber threats, frameworks for cyber incident planning, and the importance of creating a technology incident response team. Crisis Management holds this course several times a quarter. Our next session will be held via MS TEAMs on Tuesday, March 19, 2024, please click here to register!

Interesting Fact:

"Cyber infrastructure includes electronic information, communication systems, and the information contained in those systems."

Source: National Infrastructure Protection Plan

Understanding Key Challenges in Healthcare Cybersecurity

In the realm of modern healthcare, the digital landscape has ushered in unprecedented advancements, yet it has also opened the door to significant cybersecurity challenges. The healthcare sector, with its vast reservoirs of sensitive patient data and interconnected medical devices, stands at the forefront of cyber threats. The American Hospital Association (AHA) emphasizes the crucial role of cybersecurity in protecting patient safety and privacy, shedding light on the pressing issues faced by healthcare organizations today ("Importance of Cybersecurity in Protecting Patient Safety," AHA).

One of the foremost challenges contributing to cybersecurity risks in healthcare stems from outdated systems and technologies. Many healthcare facilities still rely on legacy systems that lack essential security features and updates, making them susceptible to exploitation by cybercriminals. These vulnerabilities create pathways for unauthorized access to patient records and compromise the integrity of medical data. Addressing this challenge requires significant investments in updating and modernizing healthcare IT infrastructure to ensure robust protection against cyber threats ("Importance of Cybersecurity in Protecting Patient Safety," AHA).

Beyond technological challenges, human error and lack of cybersecurity awareness among healthcare professionals and staff members present significant threats. Phishing attacks, social engineering tactics, and unintentional data breaches often occur due to the lack of awareness about cybersecurity best practices. Training programs and workshops are essential to educate healthcare workers about the risks associated with cyber threats and to instill a culture of vigilance within healthcare organizations. By fostering a cybersecurity-conscious workforce, healthcare facilities can mitigate the impact of human-related vulnerabilities and enhance the overall resilience of their cybersecurity defenses (He et al., 2021)

Health System Highlights: Preparing for Cyber Attacks with Northwell Health

In 2022, Cybersecurity expert, Brian O'Neill, from the Northwell Health Crisis Management Team had the opportunity to partner with the American Hospital Association's Advancing Health Podcast. During this podcast, healthcare and cybersecurity professionals discussed the current cyber security landscape, how cyberattack can affect healthcare operations and patient safety, and ways in which health systems can prepare, respond to, and recovery from cyberattacks. To listen to the podcast please click the link below!

[Listen Here]

WAYS TO MITIGATE CYBERSECURITY RISKS IN HEALTHCARE

ENCRYPTING HEALTH DATA

UTILIZING MUTI-FACTOR AUTHENTICATION

MODERNIZING IT INFRASTRUCTURE

CYBERSECURITY AWARENESS AND TRAINING PROGRAMS

MARO Monthly
Emergency Management Podcast
Hosted by Brian O'Neill

Northwell Health

We encourage you to listen to our October 2023 podcast, hosted by Vice President of Business Continuity, Brian O'Neill. The October 2023 podcast focuses on cyber security preparedness and response. Mr. O'Neill is joined by Corey Martinez, Project Manager for Crisis Management Incident Response and Glenn Schaefering, Director for Crisis Management Incident Response. The three discuss the importance of Cyber Security integrations in the health care setting.

[LISTEN HERE](#)

UPCOMING COURSES

Course: Mass Casualty Incident Management Workshop

Date: 11/18/2023

Location: In Person - Register through the Crisis Management Website

Course: ICS 700 Webinar

Date: 11/20/2023

Location: Webinar- Register through Northwell Crisis Management Website

Course: eFINDs

Date: 12/07/2023

Location: In Person– Register through the Crisis Management Website

For the full list of upcoming courses visit the Crisis Management Website!

November 2023 MARO Monthly Topic:
Fire Safety & Thanksgiving Cooking Safety

Submit your questions about Fire and Thanksgiving Cooking Safety by scanning the QR code!

Northwell Health®

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