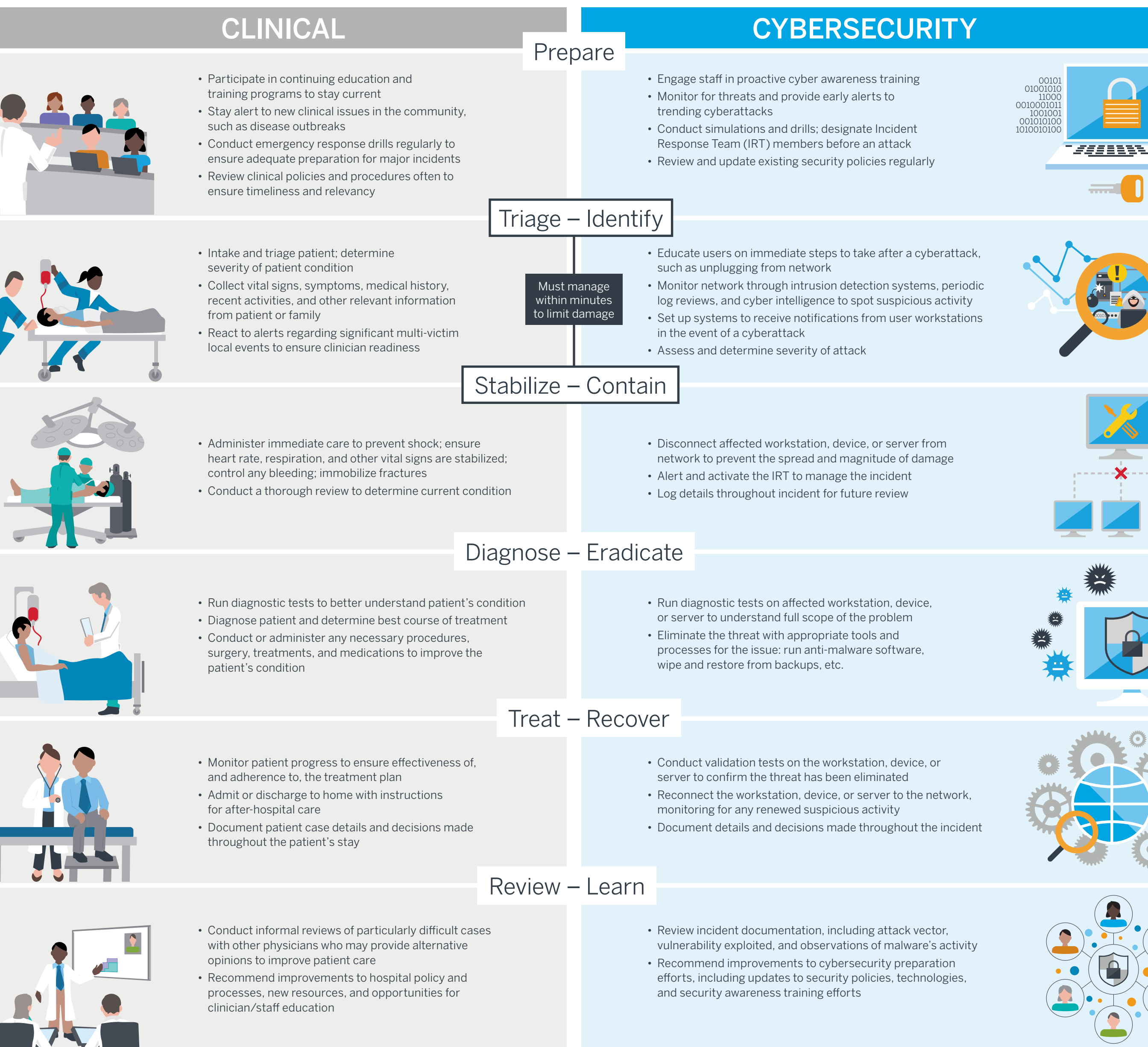


When a Breach Occurs, the Whole Hospital Is Our Patient

Health care organizations are under attack. Vicious threats like ransomware can significantly disrupt or even shut down clinical and business operations at a moment's notice. While the implications of cyberattacks are often unknown to health care leaders, clinicians, and staff, they are used to handling critical incidents in patient care. Luckily, the process for handling a cyber incident is nearly the same.

This graphic details how the steps in responding to a clinical crisis mirror one of the most widely used cyber response methods, the SANS Institute's PICERL approach: preparation, identification, containment, eradication, recovery, lessons learned. By relating information security tactics to patient care, everyone can get on the same page and work together.



Must manage within minutes to limit damage

How IT Staff Support a Healthy Cybersecurity Environment

- 1 Conduct security awareness training, provide regular updates on the latest phishing techniques, and encourage good cyber hygiene.
- 2 Ensure basic technical countermeasures are in place to defend against malicious emails and limit access to harmful websites.
- 3 Maintain and test backups regularly, keeping them disconnected from the network as some ransomware variants target and encrypt or destroy backups.
- 4 Review and adjust security policies regularly to ensure they address new and emerging threats and account for new technologies and systems within the organization.