Predicted Impacts: Cybersecurity

Ransomware and other hacking attacks will increasingly aim to exploit small medical practices, as hackers recognize the challenges to maintaining system security inherent to these practices.

The number of cyberattacks on medical practices will continue to rise, but massive breaches will become less frequent, as large health care organizations and payers devote increasing resources to cybersecurity.

The increasing use of cloud storage among health care organizations will lead to a new set of security challenges, particularly related to the training of staff to use safe practices when storing and sharing files in the cloud.

The value of electronic health information on black markets will drive increasing attempts to illegally obtain such information from health organizations.