## Bibliography - Cybersecurity & Your Medical Practice

Note: We blinks change over time. If the link no longer works, web-search by title.

## **Quick Links to Key Resources**

- American Medical Association. Checklist: Protecting office computers in medical practices against cyberattacks. <u>https://www.ama-assn.org/system/files/2020-04/computer-security-checklist.pdf</u>. April 2020.
- Cybersecurity and Infrastructure Security Agency.
  - o Insider threat mitigation. <u>https://www.cisa.gov/insider-threat-mitigation</u>.
  - StopRansomware.gov The US government's one-stop location to stop ransomware. <u>https://us-cert.cisa.gov/ncas/current-activity/2021/07/15/new-stopransomwaregov-website-us-governments-one-stop-location</u>.
  - Resources. <u>https://www.cisa.gov/cisa-cybersecurity-resources</u>.
- Federal Bureau of Investigation. Ransomware fact sheet. https://www.ic3.gov/Content/PDF/Ransomware\_Fact\_Sheet.pdf.
- Federal Trade Commission. Cyber insurance. Cybersecurity for Small Business. <u>https://www.ftc.gov/tips-advice/business-center/small-businesses/cybersecurity/cyber-insurance</u>.
- HIPAA Journal. Healthcare data breaches predicted to cost industry \$4 billion in 2020. Healthcare Cybersecurity. <u>https://www.hipaajournal.com/healthcare-data-breaches-predicted-to-cost-industry-4-billion-in-2020/</u>.
- LAMMICO. Updated! cybersecurity and social engineering round-up from the OCR, CDC, FBI and CISA. News & Insights. <u>https://www.lammico.com/article/cybersecurity-social-engineering</u>.
- Office of the National Coordinator for Health Information Technology. Your mobile device and health information privacy and security. Health IT.gov. <u>https://www.healthit.gov/topic/privacy-security-and-hipaa/your-mobile-device-and-health-information-privacy-and-security</u>.
- Poza D. NIST password guidelines and best practices for 2020. Auth0. <u>https://auth0.com/blog/dont-pass-on-the-new-nist-password-guidelines/</u>.

## References

- Alder S. 2020 saw major increase in healthcare hacking incidents and insider breaches. HIPAA Journal. <u>https://www.hipaajournal.com/2020-saw-major-increase-in-healthcare-hacking-incidentsand-insider-breaches/</u>. March 16, 2021.
- American Medical Association.
  - Working from home during COVID-19 pandemic: what physicians need to know. <u>https://www.ama-assn.org/system/files/2020-04/cybersecurity-work-from-home-covid-19.pdf</u>. December 18, 2020.
  - How to improve your cybersecurity practices. Cybersecurity resources. <u>https://www.ama-assn.org/sites/ama-assn.org/files/corp/media-</u> browser/public/government/advocacy/cybersecurity-improvements.pdf. December 2017.
  - Checklist: Protecting office computers in medical practices against cyberattacks. Cybersecurity resources. <u>https://www.ama-assn.org/system/files/2020-04/computer-security-checklist.pdf</u>. April 2020.
  - Patient safety: the importance of cybersecurity in health care. Cybersecurity resources. <u>https://www.ama-assn.org/system/files/2018-10/cybersecurity-health-care-infographic.pdf</u>. February 2018.
- Boyens J, Paulsen C, Bartol N, et al. Key practices in cyber supply chain risk management: observations from industry. NIST Cybersecurity and Privacy Program. <u>https://csrc.nist.gov/publications/detail/nistir/8276/final</u>. February 2021.

- Chapple M. 5 ways to defend your medical practice against ransomware. HealthTech Security. <u>https://healthtechmagazine.net/article/2020/05/5-ways-defend-your-medical-practice-against-ransomware</u>. May 11, 2020.
- Couvillion E. Prairieville pediatrics clinic working with FBI, notifying patients after computer attack. The Advocate.

https://www.theadvocate.com/baton\_rouge/news/communities/ascension/article\_b6194b7a-eba2-11e9-a388-5b6eedc7c596.html. October 10, 2019.

- Cybersecurity and Infrastructure Security Agency (CISA).
  - o Insider threat mitigation. <u>https://www.cisa.gov/insider-threat-mitigation</u>. April 26, 2021.
  - Cyber essentials toolkit. <u>https://www.cisa.gov/publication/cyber-essentials-toolkits</u>. February 5, 2021.
- Decker EC, Chau J. Health industry cybersecurity practices: managing threats and protecting patients. Healthcare & Public Sector Coordinating Councils. <u>https://healthsectorcouncil.org/wpcontent/uploads/2018/12/HICP-Main-508.pdf</u>. December 18, 2020.
- Drees J. What 4 facilities did after ransomware attacks: Permanent closures, temporary service suspensions & more. Becker's Health IT.
   <a href="https://www.beckershospitalreview.com/cybersecurity/4-hospitals-that-closed-after-ransomware-attacks.html">https://www.beckershospitalreview.com/cybersecurity/4-hospitals-that-closed-after-ransomwareattacks.html</a>. October 9, 2020.
- Federal Bureau of Investigation. Ransomware fact sheet: what it is and what to do about it. National Cyber Investigative Joint Task Force (NCIJTF). https://www.ic3.gov/Content/PDF/Ransomware Fact Sheet.pdf. February 11, 2021.
- Franklin J, Howell G, Boecki K, et al. Mobile device security: corporate-owned personallyenabled. NIST. https://csrc.nist.gov/publications/detail/sp/1800-21/final. September 2020.
- Fruhlinger J, Martin JA. The password hall of shame (and 10 tips for better password security). CSO US. <u>https://www.csoonline.com/article/3526408/most-common-passwords.html</u>. April 15, 2021.
- Fruhlinger J, Martin JA. The password hall of shame (and 10 tips for better password security). CSO US. <u>https://www.csoonline.com/article/3526408/most-common-passwords.html</u>. April 15, 2021.
- HelpNetSecurity.
  - Healthcare organizations are sitting ducks for attacks and breaches. <u>https://www.helpnetsecurity.com/2020/11/16/healthcare-attacks-breaches/</u>. November 16, 2020.
  - Employees abandoning security when working remotely. <u>https://www.helpnetsecurity.com/2020/05/29/abandoning-security-when-working-remotely/</u>. May 29, 2020.
- HIPAA Journal.
  - 2020 healthcare data breach report: 25% increase in breaches in 2020. <u>https://www.hipaajournal.com/2020-healthcare-data-breach-report-us/</u>. January 19, 2021.
  - PHI of 26,600 individuals potentially copied in Colorado retina associates phishing attack. <u>https://www.hipaajournal.com/phi-of-26600-individuals-potentially-copied-in-colorado-retina-associates-phishing-attack/</u>. March 17, 2021.
  - Ransom paid to recover healthcare data stolen in cyberattack on online storage vendor. <u>https://www.hipaajournal.com/ransom-paid-to-recover-healthcare-data-stolen-in-cyberattack-on-online-storage-vendor/</u>. February 22, 2021.
  - Resources to help healthcare organizations improve resilience against insider threats. <u>https://www.hipaajournal.com/resources-to-help-healthcare-organizations-improve-resilience-against-insider-threats/</u>. September 8, 2020.
  - The HIPAA password requirements and the best way to comply with them. <u>https://www.hipaajournal.com/hipaa-password-requirements/</u>. March 9, 2021.
- Kaspersky. Social engineering definition. Security Definition.
  <a href="https://usa.kaspersky.com/resource-center/definitions/social-engineering">https://usa.kaspersky.com/resource-center/definitions/social-engineering</a>. 2019.

- Kaspersky. The state of cybersecurity in healthcare part two. Cyber Pulse. <u>https://media.kasperskydaily.com/wp-content/uploads/sites/85/2019/08/16121510/Kaspersky-Cyber-Pulse-Report-2019\_FINAL.pdf</u>. 2019.
- KnowBe4. What is phishing? Phishing.org. <u>https://www.phishing.org/what-is-phishing</u>. Accessed April 22, 2021.
- LAMMICO.
  - Fighting back against ransomware and protecting your practice. <u>https://www.lammico.com/article/TMHCC-ransomware</u>. October 21, 2020.
  - Cyberattacks on small and medium-sized practices are on the rise. News & Insights. <u>https://www.lammico.com/article/cyberattck-small-medium-practices</u>. March 24, 2021
  - Updated! cybersecurity and social engineering round-up from the OCR, CDC, FBI and CISA. News & Insights. <u>https://www.lammico.com/article/cybersecurity-social-</u> engineering. April 7, 2020
- Mitchell H. White House to business leaders: Take these 6 steps to protect yourself from ransomware. Becker's Health IT. <u>https://www.beckershospitalreview.com/cybersecurity/whitehouse-to-business-leaders-take-these-6-steps-to-protect-yourself-fromransomware.html?origin=BHRE&utm\_source=BHRE&utm\_medium=email&utm\_content=newslett er&oly\_enc\_id=5790G1318867G3J. June 4, 2021.</u>
- National Institute of Standards and Technology (NIST). Digital identity guidelines. NIST Special Publication 800-63 Revision 3. <u>https://pages.nist.gov/800-63-3/sp800-63-3.html</u>. Update March 2, 2020.
- ONC. Your Mobile Device and Health Information Privacy and Security. Health IT.gov. <u>https://www.healthit.gov/topic/privacy-security-and-hipaa/your-mobile-device-and-health-information-privacy-and-security</u>. April 30, 2020.
- Olsen R. Cybersecurity events: not if, but when. ASHRM Conference Part 1. <u>https://annual.ashrm.org/2019/education.cfm</u>. Presented October 14, 2019.
- Ponemon Institute. Cost of a data breach report 2020. IBM Security. <u>https://www.ibm.com/security/digital-assets/cost-data-breach-report/#/</u>. April 2020.
- Poza D. NIST password guidelines and best practices for 2020. Auth0.
  <a href="https://auth0.com/blog/dont-pass-on-the-new-nist-password-guidelines/">https://auth0.com/blog/dont-pass-on-the-new-nist-password-guidelines/</a>. January 22, 2021.
- Protenus. 2021 breach barometer: key takeaways. Protenus website.
  <u>https://blog.protenus.com/key-takeaways-from-the-2021-breach-barometer</u>. March 15, 2021.
- Sanders C. Factbox Five facts about ransomware attacks. One America News website. <u>https://www.oann.com/factbox-five-facts-about-ransomware-</u> <u>attacks/?utm\_source=rss&utm\_medium=rss&utm\_campaign=factbox-five-facts-about-</u> <u>ransomware-attacks</u>. May 11, 2021.
- Shey H, DeMartine A, Pesa K, et al. The state of data security and privacy, 2020. Forrester website. <u>https://www.forrester.com/report/The+State+Of+Data+Security+And+Privacy+2020/-/E-RES159695</u>. February 27, 2020.
- Snell E. Weak healthcare cybersecurity employee training affects it security. Health IT Security website. <u>https://healthitsecurity.com/news/weak-healthcare-cybersecurity-employee-training-affects-it-security</u>. March 6, 2018.
- Strazewski L. Cyber vulnerability grows along with COVID-19 pandemic stresses. AMA website. <a href="https://www.ama-assn.org/practice-management/sustainability/cyber-vulnerability-grows-along-covid-19-pandemic-stresses?&utm\_source=BulletinHealthCare&utm\_medium=email&utm\_term=120120&utm\_content=NON-MEMBER&utm\_campaign=article\_alert-morning\_rounds\_daily&utm\_uid=&utm\_effort.</a> November 30, 2020.
- Tokio Marine. Email fraud can cost you millions. Cyber Risk Guide 2020.
  <u>https://www.lammico.com/resources/files/TMHCC Cyber Risk Guide2020 re 081420 hyperlink</u>.
  <u>.pdf.</u> October 21, 2020.
- Tran J. No longer just "the IT guy's" problem: cyber safety is patient safety. LAMMICO website. <u>https://www.lammico.com/article/cyber-safety-patient-safety</u>. November 24, 2020.

 US Department of Health and Human Services Office for Civil Rights. HIPAA administrative simplification regulation text §164.402. Definitions. <u>https://www.hhs.gov/sites/default/files/hipaa-simplification-201303.pdf</u>. March 26, 2013.