

Compiled by Michael Edwards, PhD, Northeast Telehealth Resource Center, **March 30, 2020**

Explore the complete NETRC Resource Library at <https://netrc.org/resources.php>

For customized help in planning telehealth strategies, contact your regional Telehealth Resource Center:
<https://www.telehealthresourcecenter.org>

Introduction to telehealth for COVID-19 epidemic

- Augenstein J. Opportunities to expand telehealth use amid the coronavirus pandemic. Health Affairs Blog, March 16, 2020 [htm](#)
- Brodwin E, Ross C. Surge in patients overwhelms telehealth services amid coronavirus pandemic. STAT, March 17, 2020 [htm](#)
- Brooks D. COVID-19 makes telemedicine more valuable; hub at Dartmouth-Hitchcock is ramping up. *Concord Monitor*, March 21, 2020 [Link](#)
- Crawford C. Inside look at using telemedicine during COVID-19 pandemic. American Academy of Family Physicians, March 23, 2020 [htm](#)
- Gavidia M. Telehealth during COVID-19: How hospitals, healthcare providers are optimizing virtual care. Amer. J. Managed Care In-Focus Blog, March 13, 2020 [htm](#)
- Greenhalgh T, Wherton J, Shaw S, Morrison C. Video consultations for COVID-19. *BMJ* 368:m998, 2020 [htm](#)
- National Consortium of Telehealth Resource Centers. Telehealth and COVID-19. NCTRC Webinar, March 19, 2020 [Slides](#); [Recording](#)
- Ohannessian R. Telemedicine: Potential applications in epidemic situations. *Eur. Res. Telemed.* 4(3): 95–98, 2015 [htm](#)
- Redford G. As COVID-19 races through communities, hospitals ramp up telehealth to protect patients and providers. American Association of Medical Colleges, March 23, 2020 [htm](#)
- Reeves JJ, Hollandsworth HM, Torriani FJ, et al. Rapid response to COVID-19: health informatics support for outbreak management in an academic health system. *J. Amer. Med. Inform. Assoc.* [epub ahead of print], March 2020 [pdf](#)
- Roth M. 4 ways you haven't thought about using telehealth during the COVID-19 pandemic. HealthLeaders Media, March 24, 2020 [htm](#)
- Schwamm LH. Can telehealth help flatten the curve of COVID-19? Harvard Health Blog, March 24, 2020 [htm](#)
- Siwicki B. Telemedicine during COVID-19: Benefits, limitations, burdens, adaptation. Healthcare IT News, March 19, 2020 [htm](#)
- Smith AC, Thomas E, Snoswell CL, et al. Telehealth for global emergencies: Implications for coronavirus disease 2019 (COVID-19). *J. Telemed. Telecare* [epub ahead of print], March 2020 [htm](#)
- Somers M. 4 urgent problems hospitals can solve right now with telemedicine. MIT Sloan School of Management, March 25, 2020 [htm](#)
- Sound Physicians, Inc. How telehealth aids skilled nursing facilities during, beyond COVID-19. mHealth Intelligence, March 30, 2020 [htm](#)
- Wiklund E. Coronavirus scare gives telehealth an opening to redefine healthcare. mHealth Intelligence, March 05, 2020 [htm](#)

Epidemiology

- Burke RM, Midgley CM, Dratch A, et al. Active monitoring of persons exposed to patients with confirmed COVID-19 — United States, January–February 2020. *MMWR Morb. Mortal. Weekly Rep.* [epub before print], March 2020 [pdf](#)
- CDC COVID-19 Response Team. Severe outcomes among patients with coronavirus disease 2019 (COVID-19) — United States, February 12–March 16, 2020. *MMWR Morb. Mortal Wkly Rep.*, March 18, 2020 [htm](#)
- Centers for Disease Control and Prevention. Coronavirus Disease 2019 (COVID-19): resources for health departments. CDC webpage [htm](#)

Ferguson NM, Laydon D, Nedjati-Gilani G, et al. Impact of non-pharmaceutical interventions (NPIs) to reduce COVID-19 mortality and healthcare demand. Imperial College COVID-19 Response Team, March 16, 2020 [pdf](#)

Hellewell J, Abbott S, Gimma A, et al. Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. *Lancet Global Health* [epub ahead of print], February 28, 2020 [htm](#)

Kampf G, Todt D, Pfaender S, Steinmann E. Persistence of coronaviruses on inanimate surfaces and its inactivation with biocidal agents. *J. Hosp. Infect.* [epub ahead of print], February 6, 2020 [htm](#)

McMichael TM, Clark S, Pogosjans S, et al. COVID-19 in a long-term care facility — King County, Washington, February 27–March 9, 2020. *MMWR Morb. Mortal Wkly Rep.*, March 18, 2020 [htm](#)

McIntosh K. Coronavirus disease 2019 (COVID-19). UpToDate, March 2020 [htm](#)

Ping Y, Jiang Z, Zhengdong Z, et al. A familial cluster of infection associated with the 2019 novel coronavirus indicating potential person-to-person transmission during the incubation period. *J. Infect. Dis.* [epub ahead of print], February 18, 2020 [htm](#)

World Health Organization. Coronavirus disease 2019 (COVID-19): situation reports. WHO, 2020 [htm](#)

Wu Z, McGoogan JM. Characteristics of and important lessons from the coronavirus disease 2019 (COVID-19) outbreak in China: Summary of a report of 72 314 cases from the Chinese Center for Disease Control and Prevention. *JAMA.* [epub ahead of print], February 24, 2020 [htm](#)

Relevant health care planning and treatment guidelines

Adhikari BB, Koonin LM, Mugambi ML, et al. Estimating weekly call volume to a national nurse telephone triage line in an influenza pandemic. *Health Security* 16(5): 334-340, 2018 [htm](#)

Ajao A, Nystrom SV, Koonin LM, et al. Assessing the capacity of the US health care system to use additional mechanical ventilators during a large-scale public health emergency. *Disaster Med. Public Health Prep.* 9(6):634-641, 2015 [htm](#)

Bureau of Primary Healthcare. Novel coronavirus (COVID-19) frequently asked questions. U.S. Dept. of Health and Human Services, Health Center Program website [htm](#)

Cascella M, Rajnik M, Cuomo A, Dulebohn SC, Di Napoli R. Features, evaluation and treatment of coronavirus (COVID-19). *StatPearls*, 2020 (continuously updated) [htm](#)

Center for Disaster Medicine. SARS-CoV-2 (COVID-19) Toolkit. Massachusetts General Hospital, February 2020 [pdf](#)

Centers for Disease Control and Prevention. Information for healthcare professionals. CDC website [htm](#)

Centers for Disease Control and Prevention. Resources for clinics and healthcare facilities. CDC website [htm](#)

Centers for Disease Control and Prevention. Steps healthcare facilities can take now to prepare for Coronavirus Disease 2019 (COVID-19). CDC website [htm](#)

Centers for Disease Control and Prevention. Interim infection prevention and control recommendations for patients with suspected or confirmed Coronavirus Disease 2019 (COVID-19) in healthcare settings. CDC, March [htm](#)

Chanansetty V, Blankson M, Bycenski N., Flinter M. COVID-19 FQHC emergency preparedness planning: Is your health center ready?--Webinar. Weitzman Institute, March 4, 2020 [htm](#)

Knebel A, Phillips SJ (eds.). Home health care during an influenza pandemic: issues and resources. Agency for Healthcare Research and Quality, Pub. 08-0018, August 2008 [pdf](#)

Rodriguez-Morales AJ, Cardona-Ospina JA, Gutiérrez-Ocampo E, et al. Clinical, laboratory and imaging features of COVID-19: A systematic review and meta-analysis. *Travel Med. Infect. Dis.* [epub ahead of print], March 2020 [pdf](#)

Meltzer MI, Patel A, Ajao A, Nystrom SV, Koonin LM. Estimates of the demand for mechanical ventilation in the United States during an influenza pandemic. *Clin. Infect. Dis.* 60 (Suppl 1):S52-57, 2015 [htm](#)

National Association of Community Health Centers. Novel coronavirus (COVID-19) information and resources for community health centers. NACHC website [htm](#)

Patel A, Jernigan DB; 2019-nCoV CDC Response Team. Initial public health response and interim clinical guidance for the 2019 novel coronavirus outbreak—United States, December 31, 2019–February 4, 2020. *MMWR Morb. Mortal. Weekly Rep* 69:140–146, 2020 [htm](#)

Scala R. Challenges on non-invasive ventilation to treat acute respiratory failure in the elderly. *BMC Pulm. Med.* 16: 150, 2016 [htm](#)

Technical Resources, Assistance Center, and Information Exchange. Topic Collection: Coronaviruses (e.g., SARS, MERS and COVID-19). U.S. Dept. of Health and Human Services TRACIE website [htm](#)

World Health Organization. Clinical management of severe acute respiratory infection when novel coronavirus (nCoV) infection is suspected. WHO, March 13, 2020 [htm](#)

World Health Organization. Hospital preparedness for epidemics. WHO, 2014 [pdf](#)

Zaza S, Koonin LM, Ajao A, et al. A conceptual framework for allocation of federally stockpiled ventilators during large-scale public health emergencies. *Health Secur.* 14(1):1-6, 2016 [htm](#)

Relevant telehealth guidelines and policy resources

--coronavirus epidemic related

American Academy of Family Physicians. Using telehealth to care for patients during the COVID-19 pandemic. AAFP website, 2020 [htm](#)

American Medical Association. AMA quick guide to telemedicine in practice. AMA, March 2020 [htm](#)

American Medical Association. Special coding advice during COVID-19 public health emergency. AMA, March 2020 [pdf](#)

American Psychiatric Association. Telepsychiatry and COVID-19. APA, March 2020 [htm](#)

Centers for Medicare & Medicaid Services. General Provider Telehealth and Telemedicine Toolkit. CMS, DHHS, March 17, 2020 [pdf](#)

Centers for Medicare & Medicaid Services. ESRD Provider Telehealth and Telemedicine Tool Kit. CMS, DHHS, March 17, 2020 [pdf](#)

Centers for Medicare & Medicaid Services. Long-Term Care Nursing Homes Telehealth and Telemedicine Tool Kit. CMS, DHHS, March 27, 2020 [pdf](#)

Drug Enforcement Administration. Telemedicine—COVID-19 information page. DEA, Dept. of Justice, 2020 [htm](#)

Federation of State Medical Boards. States waiving licensure requirements/renewals in response to COVID-19. FSMB, March 19, 2020 [htm](#)

Hooper, Lundy & Bookman, LLC. COVID-19 resources—Regulatory developments. HLB website [htm](#)

Mid-Atlantic Telehealth Resource Center. MATRC Telehealth Resources for COVID-19. MATRC website, 2020 [htm](#)

National Consortium of Telehealth Resource Centers. COVID-19 Telehealth Toolkit. NCTRC, March 18, 2020 [pdf](#)

Nixon Law Group, LLC. Responding to COVID-19: Resources for telehealth and remote patient monitoring. Nixon Law Group website, March 2020 [htm](#)

Northwest Regional Telehealth Resource Center. Quick start guide to telehealth during the current public health emergency. NRTRC, March 2020 [pdf](#)

Office for Civil Rights. HIPAA privacy and Novel Coronavirus. U.S. Department of Health and Human Services, February 2020 [pdf](#); FAQs [pdf](#)

Office for Civil Rights. Notification of enforcement discretion for telehealth remote communications during the COVID-19 nationwide public health emergency. U.S. Department of Health and Human Services, March 23, 2020 [htm](#)

Richardson J, Ingoglia C. Best practices for telehealth during COVID-19 public health emergency. National Council for Behavioral Health, March 23, 2020 [pdf](#)

Rivera J, Zerbonia R, Hodges TE. 6 coronavirus (COVID-19) considerations for telehealth providers. HIT Consultant, March 13, 2020 [htm](#)

Sikka N. How to start doing telemedicine now (in the COVID-19 crisis). Medscape Business of Medicine, March 25, 2020 [htm](#)

Torous J, Jän Myrick K, Rauseo-Ricupero N, Firth J. Digital mental health and COVID-19: Using technology today to accelerate the curve on access and quality tomorrow. *JMIR Ment. Health* 7(3):e18848, 2020 [htm](#)

Wright JH, Caudill R. Remote treatment delivery in response to the COVID-19 pandemic. *Psychother. Psychosom.* [epub ahead of print], March 2020 [htm](#)

Zhou X, Snoswell CL, Harding LE, et al. The role of telehealth in reducing the mental health burden from COVID-19. *Telemed. e-Health* [epub ahead of print], March 2020 [htm](#)

--reimbursement changes with epidemic

American College of Physicians. COVID-19 telehealth coding and billing practice management tips. ACP website, March 2020 [htm](#)

America's Health Insurance Plans. Health insurance providers respond to coronavirus (COVID-19). AHIP, March 6, 2020 [htm](#)

American Occupational Therapy Association. OT and telehealth in the age of COVID-19. AOTA, March 2020 [htm](#)

Center for Connected Health Policy. Telehealth coverage policies in the time of COVID-19 to date. CCHP, 2020 [pdf](#)

Center for Consumer Information and Insurance Oversight. FAQs on availability and usage of telehealth services through private health insurance coverage in response to Coronavirus Disease 2019 (COVID-19). Centers for Medicare & Medicaid Services, DHHS, March 24, 2020 [pdf](#)

Center for Connected Health Policy. COVID-19 related state actions. CCHP website, 2020 [htm](#)

Centers for Medicare & Medicaid Services. Medicare telemedicine health care provider fact sheet. CMS, DHHS, March 17, 2020 [htm](#)

Centers for Medicare & Medicaid Services. Medicare telehealth frequently asked questions. CMS, DHHS, March 17, 2020 [pdf](#)

Centers for Medicare & Medicaid Services. Medicare & coronavirus—Telehealth & related services. CMS, DHHS website, 2020 [htm](#)

Centers for Medicare and Medicaid Services. Coverage and payment related to COVID-19: Medicare. CMS, DHHS, March 5, 2020 [pdf](#)

Moore K. Coronavirus (COVID-19): new telehealth rules and procedure codes for testing. *Family Practice Medicine Blog*, March 10, 2020 [htm](#)

--relevant general telehealth policy resources

Becker CD, Dandy K, Gaujean M, Fusaro M, Scurlock C. Legal perspectives on telemedicine Part 2: telemedicine in the intensive care unit and medicolegal risk. *Perm. J.* 23: 18-294, 2019 [htm](#)

Center for Connected Health Policy. Billing for telehealth encounters: an introductory guide on fee-for-service. CCHP, January 2020 [pdf](#)

Center for Connected Health Policy. CMS Medicare telehealth information resource compilation. CCHP, December 2019 [pdf](#)

Center for Connected Health Policy. State telehealth laws and Medicaid program policies: a comprehensive scan of the 50 states and District of Columbia. CCHP, Fall 2019 [htm](#)

Lachtman NM, Acosta JN, Levine SJ. 50-state survey of telehealth commercial payer statutes. Foley & Lardner LLC, December 2019 [pdf](#)

Lackman NM, Wein EH. Medicare remote patient monitoring: CMS finalizes new code and general supervision. *Health Care Law Today*, November 5, 2019 [htm](#)

Lackman NM. Telehealth compliance checklist. Foley & Lardner, LLP, 2015 [pdf](#)

Lazur B, Bennett A, King V. The evolving policy landscape of telehealth services delivered in the home and other nonclinical settings. *Milbank Memorial Fund Issue Brief*, August 2019 [pdf](#)

Sunshine G, Thompson K, Menon AN, et al. An assessment of state laws providing gubernatorial authority to remove legal barriers to emergency response. *Health Secur.* 17(2):156-161, 2019 [pdf](#)

Young JD, Abdel-Massih R, Herchline T, et al. Infectious Diseases Society of America position statement on telehealth and telemedicine as applied to the practice of infectious diseases. *Clin. Infect. Dis.* 68(9):1437-1443, 2019 [htm](#)

--general telehealth guidelines

Abujarad F, Alfano S, Bright TJ, et al. Building an informed consent tool starting with the patient: the patient-centered virtual multimedia interactive informed consent (VIC). *AMIA Ann. Symp. Proc.* 2017:374-383, 2018 [htm](#)

AIDossary S, Armfield NR, Smith AC, Martin-Khan MG. A needs-based planning framework for telemedicine services: a practical guide. Centre of Research Excellence in Telehealth, National Health and Medical Research Council; University of Queensland, Australia 2019 [htm](#)

American Medical Association. Digital Health Implementation Playbook. AMA, 2020 [htm](#) (requires a free registration)

American Telemedicine Association. Practice guidelines for live, on demand primary and urgent care. ATA, Dec. 2014 [pdf](#)

American Telemedicine Association. Let there be light: a quick guide to telemedicine Lighting. ATA, 2017 [pdf](#)

Bradshaw N. Telemedicine checklist. Arizona Telemedicine Program, February 2020 [htm](#)

California Telehealth Resource Center. The CTRC telehealth program developer kit: A roadmap for successful telehealth program development. National Consortium of Telehealth Resource Centers Website, 2014 [htm](#)

Chambers D, Cantrell AJ, Johnson M, et al. Digital and online symptom checkers and health assessment/triage services for urgent health problems: systematic review. *BMJ Open* 9(8):e027743, 2019 [htm](#)

Downes MJ, Mervin MC, Byrnes JM, Scuffham PA. Telephone consultations for general practice: a systematic review. *Syst. Rev.* 6(1):128, 2017 [htm](#)

Driessen J, Bonhomme A, Chang W, et al. Nursing home provider perceptions of telemedicine for reducing potentially avoidable hospitalizations. *J. Amer. Med. Dir. Assoc.* 17(6): 519-524, 2016 [htm](#)

Edirippulige S, Armfield NR, Greenup P, Bryett A. Telehealth coordinators in hospital based telehealth services: Who are they and what do they do? *J. Telemed. Telecare* 22(8):447-452, 2016 [htm](#)

Luxton DD. Telehealth implementation guidebook. Washington State Department of Social and Health Services, 2017 [pdf](#)

Lyford S, Agha Z, et al. A practical guide to telehealth: Implementing telehealth in post-acute and long-term care settings (PALTC). West Health, March 2018 [htm](#)

Rheuban KS. Adopting telemedicine in practice. American Medical Association, 2015 [htm](#)

Rocha L, Maley S, Scott D, Louder D. Introducing the Rural Telehealth Toolkit—Webinar. Rural Health Information Hub, June 5, 2019 [htm](#) [Transcript](#) [Powerpoint](#)

Rural Health Information Hub. Rural Telehealth Toolkit. RHIH, , May 2019 [htm](#)

Rushton S, Boggan JC, Lewinski AA, et al. Effectiveness of remote triage: a systematic review. Department of Veterans Affairs, July 2019 [htm](#)

--online training

California Telehealth Resource Center. Telehealth coordinator online training modules. CTRC, 2019 [htm](#); Training video collection [htm](#)

National Consortium of Telehealth Resource Centers: Webinar compilation, 2011-2020 [htm](#)

National Telehealth Technology Assessment Resource Center. Media resources: Videos and Webinar presentations [htm](#)

Old Dominion University School of Nursing and South Central Telehealth Resource Center. Telehealth Etiquette Series [htm](#)

Telebehavioral Health Institute. Individual courses [htm](#); Telehealth Clinical Best Practices for COVID-19 [htm](#)

TelehealthVillage, Inc. Foundations of Telehealth—online course, 2019 [htm](#)

Reviews and model programs in telehealth for infectious disease

Abdel-Massih RC, Mellors JW. Telemedicine and infectious diseases practice: A leap forward or a step back? *Open Forum Infect. Dis.* 6(5):ofz196, 2019 [htm](#)

Burnham JP, Fritz SA, Yaeger LH, Colditz GA. Telemedicine infectious diseases consultations and clinical outcomes: a systematic review. *Open Forum Infect. Dis.* 6(12):ofz517, 2019 [htm](#)

Eron L. Telemedicine: The future of outpatient therapy? *Clin. Infect. Dis.* 51(S2):S224–S230, 2010 [htm](#)

Koonin LM, Hanfling D. Broadening access to medical care during a severe influenza pandemic: the CDC nurse triage line project. *Biosecur. Bioterror.* 11(1):75-80, 2013 [PubMed](#)

Palacholla RS, Kvedar JC. Telemedicine for infectious disease care-how do we measure the true value? *Ann. Transl. Med.* 7(Suppl 6):S178, 2019 [htm](#)

Parmar P, Mackie D, Varghese S, Cooper C. Use of telemedicine technologies in the management of infectious diseases: a review. *Clin. Infect. Dis.* 60(7):1084-1094, 2015 [htm](#)

Pham C, Badowski ME. The role of telemedicine in infectious diseases. *EMJ Innov.* [epub ahead of print], November 2019 [pdf](#)

Models for home-based services

Agnisarman S, Narasimha S, Chalil Madathil K, et al. Toward a more usable home-based video telemedicine system: a heuristic evaluation of the clinician user interfaces of home-based video telemedicine systems. *JMIR Hum. Factors* 24;4(2):e11, 2017 [pdf](#)

Almathami HKY, Win KT, Vlahu-Gjorgievska E. Barriers and facilitators that influence telemedicine-based, real-time, online consultation at patients' homes: systematic literature review. *J. Med. Internet Res.* 22(2):e16407, 2020 [htm](#)

Bhatt AB, Freeman AM, Mullen B. Telehealth: rapid implementation for your cardiology clinic. *Cardiology Magazine*, March 13, 2020 [htm](#)

Fletcher TL, Hogan JB, Keegan F, et al. Recent advances in delivering mental health treatment via video to home. *Curr Psychiatry Rep.* 20(8):56, 2018 [htm](#)

Gardner MR, Jenkins SM, O'Neil DA, Wood DL, Spurrier BR, Pruthi S. Perceptions of video-based appointments from the patient's home: A patient survey. *Telemed. eHealth* 21(4): 281-285, 2015 [htm](#)

Levine DM, Ouchi K, Blanchfield B, et al. Hospital-level care at home for acutely ill adults: a pilot randomized controlled trial. *J. Gen. Intern. Med.* 33(5):729-736, 2018 [htm](#)

Mid-Atlantic Telehealth Resource Center. Remote Patient Monitoring Toolkit. MATRC, September 2019 [htm](#) [pdf](#)

Narasimha S, Agnisarman S, Madathil KC, et al. An investigation of the usability issues of home-based video telemedicine systems with geriatric patients. *Proc. Human Factors Ergonomics Soc.* 60(1): 1804-1808, 2016 [pdf](#)

National Consortium of Telehealth Resource Centers. Virtual healthcare: What should I know?--Infographic. NCTRC, July 2019 [pdf](#)

Paul DP. An innovation in healthcare delivery: hospital at home. *J. Manage. Pol. Pract.* 14(6): 73-91, 2013 [pdf](#)

Roth D, Zekovic-Roth S, Yasutake M, Richardson M. Telehealth @ Home: A guidebook for people who will receive home-based telehealth services. Mind & Body Works, Inc., 2016 [pdf](#)

Slaboda JC, Wardlow L, Wade AM, Abrashkin K. A practical guide to expanding home-based primary care with telehealth. West Health Institute, La Jolla, CA. December 2019 [htm](#) (requires a free registration)

Summerfelt WT, Sulo S, Robinson A, Chess D, Catanzano K. Scalable hospital at home with virtual physician visits: pilot study. *Amer. J. Managed Care* 21(10):675-684, 2015 [htm](#)

Taylor A, Morris G, Pech J, Rechter S, Carati C, Kidd MR. Home telehealth video conferencing: perceptions and performance. *JMIR mHealth uHealth.* 3(3):e90, 2015 [pdf](#)

Direct to consumer services

Halpren-Ruder D, Chang AM, Hollander JE, Shah A. Quality assurance in telehealth: adherence to evidence-based indicators. *Telemed. eHealth* 25(7):599-603, 2019 [htm](#)

Martinez KA, Rood M, Jhangiani N, et al. Patterns of use and correlates of patient satisfaction with a large nationwide direct to consumer telemedicine service. *J. Gen. Intern. Med.* 33(10):1768-1773. 2018 [htm](#)

Shi Z, Mehrotra A, Gidengil CA, et al. Quality of care for acute respiratory infections during direct-to-consumer telemedicine visits for adults. *Health Affairs* 37(12):2014-2023, 2018 [htm](#)

Uscher-Pines L, Fischer S, Tong I, et al. Virtual first responders: the role of direct-to-consumer telemedicine in caring for people impacted by natural disasters. *J. Gen. Intern. Med.* 33(8):1242-1244, 2018 [htm](#)

Uscher-Pines L, Mulcahy A, Cowling D, Hunter G, Burns R, Mehrotra A. Antibiotic prescribing for acute respiratory infections in direct-to-consumer telemedicine visits. *JAMA Intern. Med.* 175(7):1234-1235, 2015 [htm](#)

Uscher-Pines L, Mulcahy A, Cowling D, Hunter G, Burns R. Access and quality of care in direct-to-consumer telemedicine. *Telemed. eHealth* 22(4):282-287, 2016 [htm](#)

Welch BM, Harvey J, O'Connell NS, McElligott JT. Patient preferences for direct-to-consumer telemedicine services: a nationwide survey. *BMC Health Serv. Res.* 17(1):784, 2017 [htm](#)

Technology assessment and selection

American Telemedicine Association. Resource Center & Buyer's Guide [htm](#)

Angelucci A, Aliverti A. Telemonitoring systems for respiratory patients: technological aspects. *Pulmonology* 10: S2531, 2019 [htm](#)

Arizona Telemedicine Program. Telemedicine & Telehealth Service Directory. University of Arizona. [htm](#)

Backonja U, Kneale L, Demiris G, Thompson HJ. Senior tech: the next generation: health informatics solutions for older adults living in the community. *J. Gerontol. Nurs.* 42(1):2-3, 2016 [pdf](#)

BestReviews. Buying guide for best spirometers. BestReviews website [htm](#)

Du Plessis E, Swart F, Maree D, et al. The utility of hand-held mobile spirometer technology in a resource-constrained setting. *South Afr. Med. J.* 109(4):219-222, 2019 [pdf](#)

eVisit, Inc. Definitive guide to purchasing a telemedicine platform. eVisit, October 2017 [htm](#) (requires a free registration)

Iafolla T. 15 questions to ask your telemedicine vendor. eVisit, Inc., 2019 [htm](#)

Kvedar J, Coye MJ, Everett W. Connected health: a review of technologies and strategies to improve patient care with telemedicine and telehealth. *Health Affairs* 33(2):194-199, 2014 [htm](#)

Lung J. 8 best pulse oximeters for respiratory therapists, doctors, and nurses. Respiratory Therapy Zone website [htm](#)

McDaniel NL, Novicoff W, Gunnell B, Cattell Gordon D. Comparison of a novel handheld telehealth device with stand-alone examination tools in a clinic setting. *Telemed. eHealth* 25(12):1225-1230, 2019 [htm](#)

MobilDrTech, Inc. Telemedicine stethoscopes: white paper. MobilDrTech, January 2019 [pdf](#)

National Telehealth Technology Assessment Resource Center. Telehealth Technology Assessment Toolkits. TTAC, [htm](#)

Northeast Telehealth Resource Center. Telehealth technologies and preparing to select a vendor. National Organization of State Offices of Rural Health, 2016 [pdf](#)

Roth D, Zekovic-Roth S, Yasutake M, Richardson M. Telehealth @ Home: A guidebook for people who will receive home-based telehealth services. Mind & Body Works, Inc., 2016 [pdf](#)

Slaboda JC, Wardlow L, Wade AM, Abrashkin K. A practical guide to expanding home-based primary care with telehealth. West Health Institute, La Jolla, CA. December 2019 [htm](#) (requires a free registration)

Telebehavioral Health Institute. Video teleconferencing companies claiming HIPAA "compliance," compatibility or offering "Business Associate" agreements, 2020 [htm](#)

Texas Medical Association. Telemedicine vendor evaluation tool. TMA, 2019 [pdf](#)

Texas Medical Association. Telemedicine vendor options. TMA, 2019 [pdf](#)

Wiklund E. Picking the right telehealth platform for a small or solo practice. mHealth Intelligence Featured Resource, April 2018 [htm](#)

Telehealth for critical care

Becker C, Frishman WH, Scurlock C. Telemedicine and tele-ICU: the evolution and differentiation of a new medical field. *Amer. J. Med.* 129(12):e333-e334, 2016 [pdf](#)

Davis TM, Barden C, Dean S, et al. American Telemedicine Association guidelines for teleICU operations. *Telemed. e-Health* 22(12): 971-980, 2016 [htm](#)

Kahn JM, Cicero BD, Wallace DJ, Iwashyna TJ. Adoption of ICU telemedicine in the United States. *Crit. Care Med.* 42(2):362-368, 2014 [htm](#)

Kahn JM, Le TQ, Barnato AE, Hravnak M, Kuza CC, Pike F, Angus DC. ICU telemedicine and critical care mortality: A national effectiveness study. *Med. Care* 54(3): 319-329, 2016 [htm](#)

Kalb T, Raikhelkar J, Meyer S, et al. A multicenter population-based effectiveness study of teleintensive care unit-directed ventilator rounds demonstrating improved adherence to a protective lung strategy, decreased ventilator duration, and decreased intensive care unit mortality. *J. Crit. Care* 29(4):691.e7-14, 2014 [htm](#)

Lilly CM, Mullen M. Critical care surge management: a role for ICU telemedicine and emergency department collaboration. *Crit. Care Med.* 47(9):1271-1273, 2019 [PubMed](#)

McCambridge M, Jones K, Paxton H, et al. Association of health information technology and teleintensivist coverage with decreased mortality and ventilator use in critically ill patients. *Arch. Intern. Med.* 170(7): 648-653, 2010 [htm](#)

Mackintosh N, Terblanche M, Maharaj R, et al. Telemedicine with clinical decision support for critical care: a systematic review. *Syst. Rev.* 5(1):176, 2016 [htm](#)

Pannu J, Sanghavi D, Sheley T, et al. Impact of telemedicine monitoring of community ICUs on interhospital transfers. *Crit. Care Med.* 45(8):1344-1351, 2017 [htm](#)

Pappas PA, Tirelli L, Shaffer J, Gettings S. Projecting critical care beyond the ICU: An analysis of tele-ICU support for rapid response teams. *Telemed. e-Health* 22(6): 529-533, 2016 [htm](#)

Subramanian S, Pamplin JC, Hravnak M, et al. Tele-critical care: an update from the Society of Critical Care Medicine Tele-ICU Committee. *Crit Care Med.* [epub ahead of print], December 2019 [htm](#)

Wilkes MS, Marcin JP, Ritter LA, Pruitt S. Organizational and teamwork factors of tele-intensive care units. *Amer. J. Crit. Care* 25(5):431-439, 2016 [htm](#)

Zawada ET Jr, Buus D, Kosiak D, Herr P, Heisler M. Update on the most rural American telemedicine program — the present and future. Chapt. 7 in R. Madhavan, S. Khalid (eds.), *Telemedicine*. InTech, 2013 [htm](#)

eConsulting

Blue Path Health. E-Consult Toolkit. BPH, 2019 [htm](#)

Davis A, Gilchrist V, Grumbach K, et al. Advancing the primary/specialty care interface through eConsults and enhanced referrals. *Annals Fam. Med.* 13(4):387-388, 2015 [htm](#)

Deldar K, Bahaadinbeigy K, Tara SM. Teleconsultation and clinical decision making: a systematic review. *Acta Inform. Med.* 24(4):286-292, 2016 [htm](#)

Emerson H, Brantley E, Schrag J. Increasing access to specialty care through collaboration: eReferral and eConsult—Issue Brief. The National Partnership for the Health Care Safety Net, June 2016 [pdf](#)

Haverhals LM, Sayre G, Helfrich CD, et al. E-consult implementation: lessons learned using consolidated framework for implementation research. *Amer. J. Managed Care* 21(12):e640-647, 2015 [htm](#)

Institute for High Quality Care. Checklist for eConsult implementation. Blue Shield of California Foundation, 2014 [pdf](#)

Lee MS, Ray KN, Mehrotra A, et al. Primary care practitioners' perceptions of electronic consult systems: a qualitative analysis. *JAMA Intern. Med.* 178(6):782-789, 2018 [htm](#)

McQuillen DP, Schmitt SK. Declare the past, diagnose the present, foretell the future: electronic consultations in infectious disease practice. *Clin. Infect. Dis.* 64(8):1126-1128, 2017 [htm](#)

Murthy R, Rose G, Liddy C, Afkham A, Keely E. eConsultations to infectious disease specialists: questions asked and impact on primary care providers' behavior. *Open Forum Infect. Dis.* 4(2):ofx030, 2017 [htm](#)

- Strymish J, Gupte G, Afable MK, et al. Electronic consultations (E-consults): advancing infectious disease care in a large Veterans Affairs healthcare system. *Clin. Infect. Dis.* 64(8):1123-1125, 2017 [htm](#)
- Tande AJ, Berbari EF, Ramar P, et al. Association of a remotely offered infectious diseases eConsult service with improved clinical outcomes. *Open Forum Infect. Dis.* 7(1):ofaa003, 2020 [htm](#)
- Tuot DS, Leeds K, Murphy EJ, Sarkar U, Lyles CR, Mekonnen T, Chen AH. Facilitators and barriers to implementing electronic referral and/or consultation systems: a qualitative study of 16 health organizations. *BMC Health Serv. Res.* 15(1):568, 2015 [htm](#)
- Vimalananda VG, Gupte G, Seraj SM, et al. Electronic consultations (e-consults) to improve access to specialty care: A systematic review and narrative synthesis. *J. Telemed. Telecare* 21(6): 323-330, 2015 [htm](#)

Northeast Telehealth Resource Center is a partnership of Medical Care Development Public Health with the University of Vermont Medical Center. Funded by Grant G22RH30352 from the Office for the Advancement of Telehealth, Health Resources and Services Administration, DHHS.