

A BRIEF HISTORY OF

TELEHEALTH AND
TELEMEDICINE

500 BCE

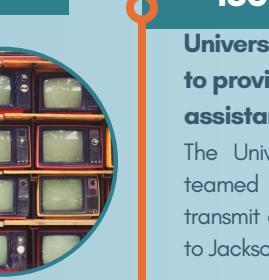
Historical recordings show the Greeks and Romans used fires and light signals to send messages about the spread of plagues

1948

The first radiological images are sent via telephone

The telephone was shown to not only be useful for connecting households across the country, but also allowed doctors to use this new technology to send radiological images to other specialists, which helped to speed up data transfer.

1960s



1967

University and local fire services partner to provide emergency medical assistance.

The University of Miami School of Medicine teamed up with the local fire department to transmit electrocardiographic rhythms over radio to Jackson Memorial Hospital in rescue situations.

1924

Radio News Magazine depicts the future of healthcare

Radio began to change the way communication is done and Radio News Magazine depicted the idea of a doctor attending to a patient via video call long before televisions were common and video communication was possible.



1959

University of Nebraska transmits neurological examinations with telehealth

This was the first recorded use of the telephone by healthcare workers to send medical documents back and forth with each other across the country.

1961

NASA becomes a major pioneer in moving forward the research and development of telehealth in the 60s and 70s

THE FATHERS OF TELEMEDICINE

1983

The Internet is Born:
Computer networks establish a universal communication standard

1993

Dr. Rashid Bashshur

Received a PhD from and was a professor at the University of Michigan until 2016. Organized the first two conferences on Telemedicine and published the conferences in 1975. He was also a co-founder of the Telemedicine Journal in 1994 and served two years as president of the American Telemedicine Association at the turn of the century. He has received numerous awards and honors recognizing his work and served as senior editor on three telemedicine reports sent to congress.



2009

American Recovery and Reinvestment Act promotes and leads to greater connection online across medical technologies

Following the recession in 2008, the government aimed to stimulate growth and economic stability with the American Recovery and Reinvestment Act. This act allocated an exuberant amount of funds into healthcare with the bill directing over \$25 billion for advancements in digital healthcare and technology for improving health. Telehealth faced the challenge of inter-technology communication between health systems and providers. The bill also helped to establish more universal and easier connectivity.

2016

2010

DHHS establishes The Office for the Advancement of Telehealth (OAT)

In

2006 OAT funded the National and Regional Telehealth Resource Center (TRCs) Program - tasked with providing technical assistance, training and resources to health systems, organizations, providers, academic institutes, policy makers and others to improve health access and outcomes via telehealth, the TRCs serve all 50 states, D.C., Pacific Basin, Puerto Rico and U.S. Virgin Islands.

2006

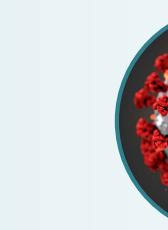
Centers for Medicare and Medicaid Services (CMS) determines what are meaningful uses of electronic health records

After the ARRA was passed, the CMS issued a ruling on what could be considered proper and meaningful ways to use electronic health records (EHR), or electronic medical records (EMR). The reasoning was to increase and maintain the privacy of patient records in the modern era of technology. Meaningfulness was defined as "the use of certified EHR technology in a meaningful manner, such as prescribing medication and improving the quality of care."

2023

The COVID-19 Federal Public Health Emergency Ends

On May 11th, 2023 the federal COVID-19 Public Health Emergency (PHE) ended, also bringing an end to some flexibilities allowing telehealth to be practiced with fewer restrictions. Other flexibilities extended beyond the end of the PHE to be reassessed in 2024 and 2025.



2020

Global outbreak:
COVID-19 spreading across borders leads to increased utilization of telehealth

