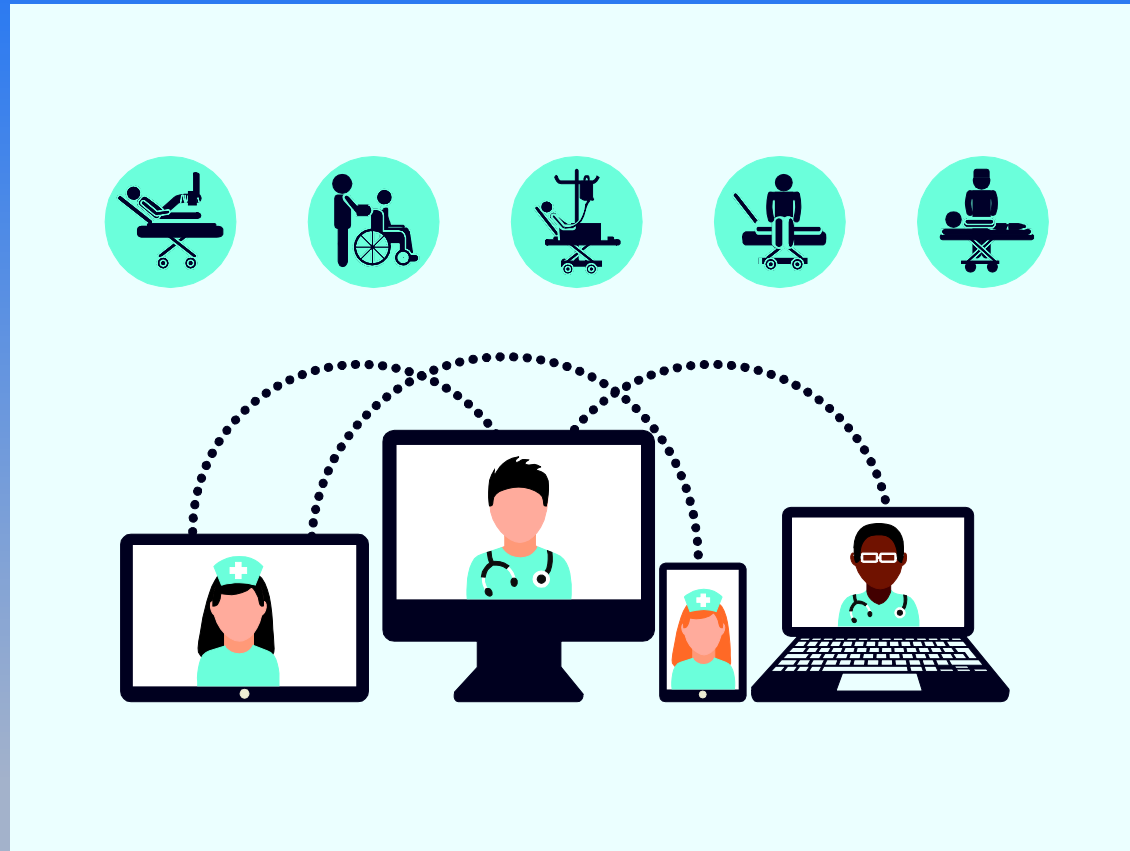


Telegenetics Session Overview



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MIT

Session Overview



Introductory Overview of telehealth



The Nuts & Bolts of Telehealth Policy



Telehealth Technology & Telepresenting

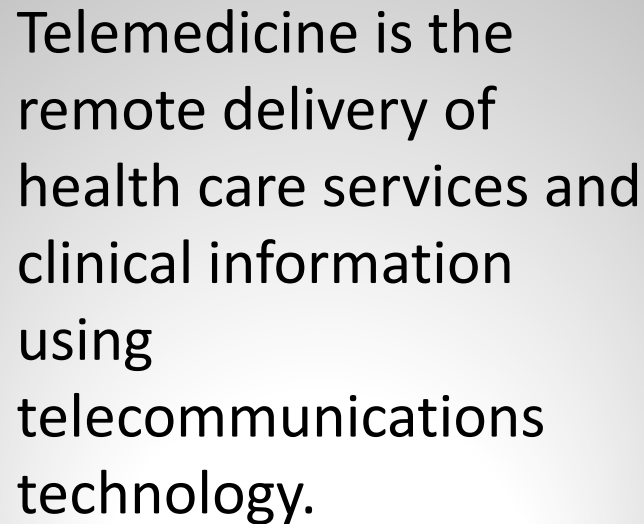


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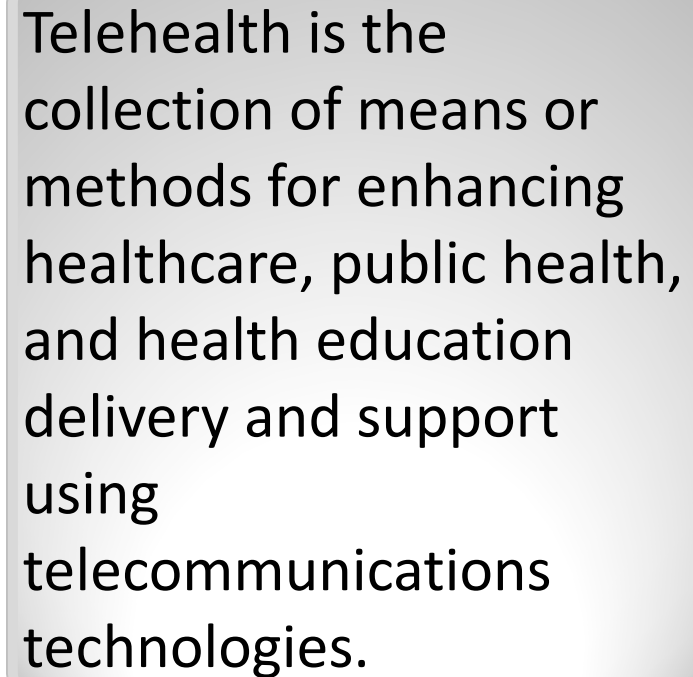
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Telemedicine vs Telehealth



Telemedicine is the remote delivery of health care services and clinical information using telecommunications technology.



Telehealth is the collection of means or methods for enhancing healthcare, public health, and health education delivery and support using telecommunications technologies.

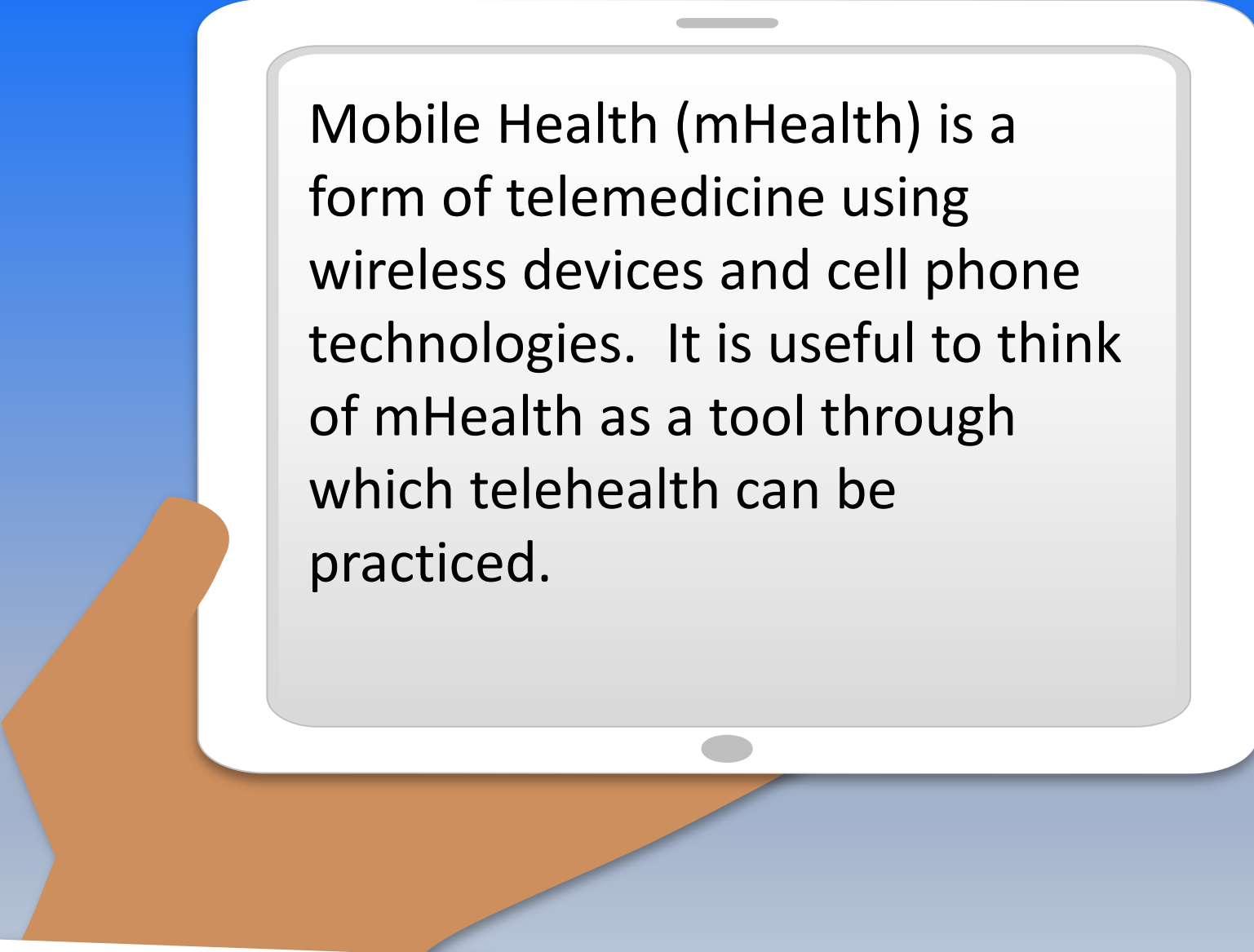
Telemedicine vs Telehealth

The American Telemedicine Association views **telemedicine** and **telehealth** to be interchangeable terms, encompassing a wide definition of remote healthcare, although telehealth may not always involve clinical care.

Telegenetics:

Our term for the provision of genetic services (consultation, evaluation, and/or genetic counseling) or education using telecommunications technologies.

mHealth

A stylized illustration of a hand holding a tablet. The hand is brown and positioned at the bottom left, with the thumb pointing towards the tablet. The tablet is white with a grey border and a grey home button at the bottom center. The screen of the tablet is light grey and contains black text. The background is a solid blue color.

Mobile Health (mHealth) is a form of telemedicine using wireless devices and cell phone technologies. It is useful to think of mHealth as a tool through which telehealth can be practiced.

Who is Using Telehealth?

According to the ATA:

- There are currently about 200 telemedicine networks with 3,500 service sites in the US.
- Over half of all U.S. hospitals now use some form of telemedicine.
- The Veterans Health Administration delivered over 700,000 telemedicine consults in 2017.
- July 2017 GAO report (2014 data) reported that Medicare (68,000 or 0.2%) patients received services via telehealth.

Common Terms Used

Originating Site

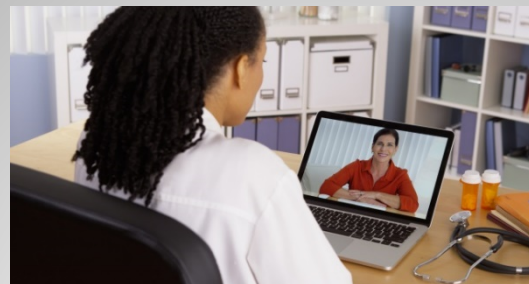
- This is where the patient is located.
- There may be originating site restrictions in some states if one is billing a third party payer.



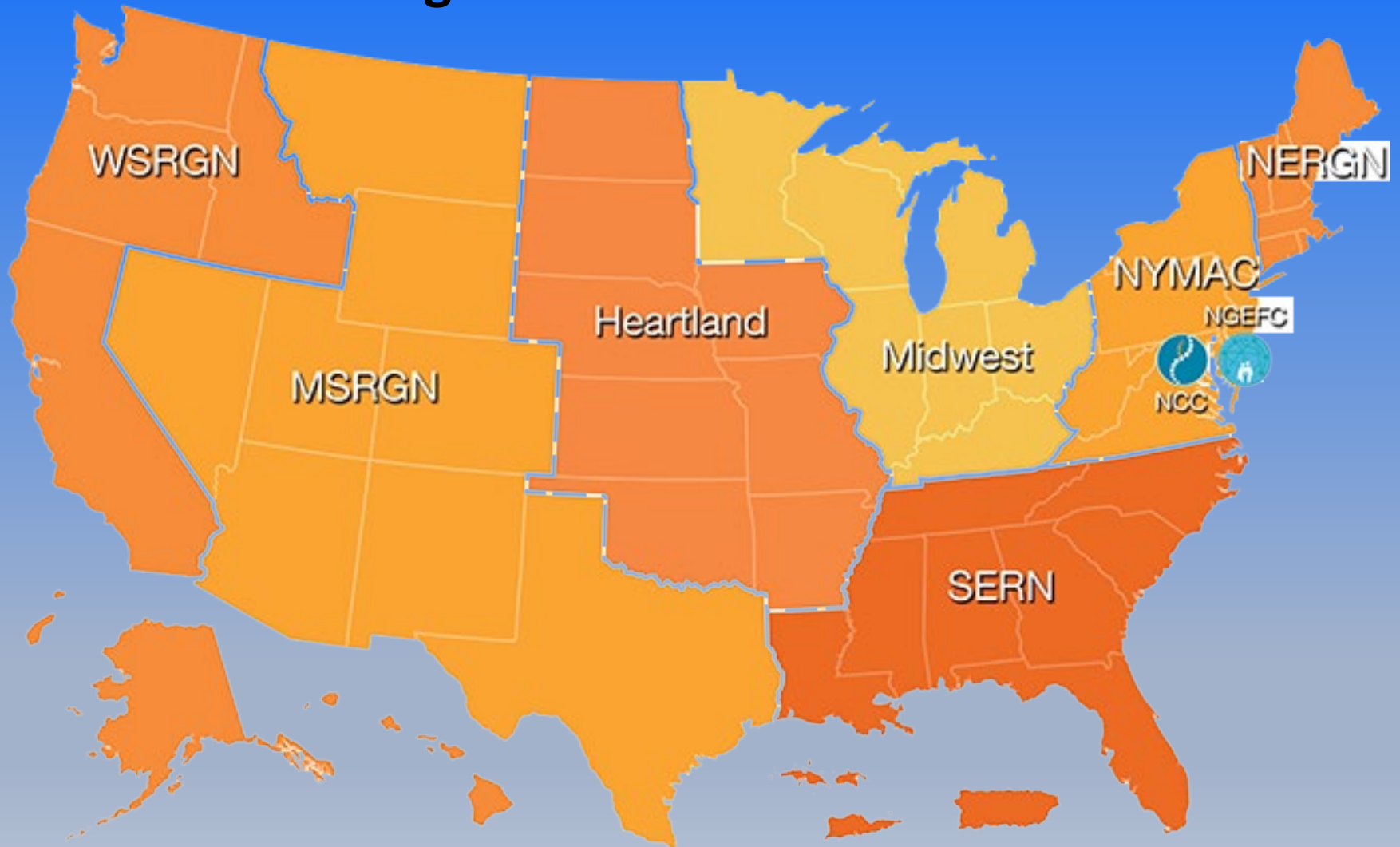
Common Terms Used

Remote (Distant) Site

- This is where the healthcare provider is located.
- There may be remote site restrictions in some states if one is billing a third party payer.



Regional Genetics Networks



Regional Genetics Networks: Telegenetics

HRSA Program Objectives:

- By May 2020, increase by 20 percent the percentage of clinical sites that use telehealth/telemedicine to provide genetic services.
- By May 2020, increase by 20 percent the number of medically underserved patients receiving genetic services through telemedicine visits.

Regional Genetics Networks: Telegenetics

HRSA Program Requirements:

- Provide technical assistance (TA) to primary care providers and other specialists on various health information technology, such as telehealth/telemedicine, mobile health (mhealth), etc., to improve practice efficiencies and to reach underserved populations.
- Facilitate telehealth/telemedicine outreach services within the region.

Regional Genetics Networks: Telegenetics

Performance Measures:

- Number of providers trained in an RGN-supported event that focuses on telehealth modalities for genetics.
- Number of RGN sites that use telehealth modalities.
- Number of patients for whom telehealth modalities for genetics were used.

Resources

American Telemedicine Association

<http://www.americantelemed.org/>

Telehealth Resource Centers

<http://www.telehealthresourcecenter.org/>

HRSA Office for the Advancement of Telehealth

<http://cchpca.org/office-advancement-telehealth-oat>

Center for Connected Telehealth Policy

<http://cchpca.org/national-telehealth-policy-resource-center>

National Telehealth Technology Assessment Resource Center

<http://www.telehealthtechnology.org/>