TOPIC 1. COVID-19 RESEARCH

Studies during and after the pandemic

Clinical Studies during and after the pandemic

Session Objective:

❖ Discuss ways to connect with individuals (future study participants and patients) during and after the COVID pandemic.

Traditionally…

❖ Research investigators approached the public about their studies through in-person contact.

❖ During the Covid-19 pandemic, other options have been considered given lockdowns, physical distancing, and other protections against the spread of the virus.

New ways

- ❖ Social Media
  - ▪ Facebook, WhatsApp, texting
- ❖ Remote video conferencing tools
  - ▪ Skype, Zoom, GoToMeeting, Teams
- ❖ Telemedicine and Virtual Visits
- ❖ Access to Electronic Health Records directly by patients
- ❖ Mobile applications/surveys
  - ▪ Research electronic data capture (REDCap), Qualtrics

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Telemedicine

❖ Delivery of clinical care. It is the practice of medicine using technology to deliver care at a distance.

❖ "Telecommunications Technologies" could be Smartphones, wearable devices, the Internet, and video conferencing, streaming media, and landlines and wireless communications

❖ Services provided can be between a clinician and a patient and their family, between multiple clinicians, or even between two medical devices.

How is a virtual clinical visit different?

How to interact with patients--navigation

- ❖ Prepare them for the visit –what information do you need?

- ❖ Utilize your waiting room thoughtfully

- ❖ Know where your camera is and look at it

- ❖ Dress and groom appropriately

- ❖ Gather consent as necessary

- ❖ If they have a choice, let them know

- ❖ Help them give you information in real-time

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Electronic Health Records:
Patient Portals

* ❖ Telehealth continues to grow in scope, along with improved quality assurance of its services.

* ❖ Uses

* ❖ Examples

* ❖ Logins and Patient Interface

* ❖ Monitoring

* ❖ HIPPA, Security

* ❖ Role of CHWs/P as Navigators

Mobile applications/surveys Research electronic data capture

- ❖ Research data collection tools used in clinical and PCOR studies at a distance, online forms.

- ❖ Used for surveys and questionnaires.

- ❖ Platforms examples include:

  - ▪ Research Electronic Data Capture (REDCap)
  - ▪ Qualtrics

What do CHWs/P contribute to research in this new era?

- ❖ **CHWs hold unique position** as a bridge between researchers, clinics and the communities they study.

- ❖ CHWs can bring the end users' perspectives to academic investigators and bridge digital gap.

- ❖ Successful programs often integrate **feedback from communities affected** to solve challenges that arise during implementation of programs.

Patient Resources

- ❖ Free courses/info sessions on digital literacy (how to create an email, free email services, download applications on smartphones, using iPads/tablets.

- ❖ Better communication access: Large font, use captioning software/functions, synchronize with listening enhancement devices.

CHWs/P as Patients and Patient Advocates in Advisory Groups

Your opinion or experiences in these new ways…

❖ Discuss your impressions on the positives and limitations.

❖ **How CHWs/P can help in development of new science, clinical studies and research interventions in times of Covid-19 and beyond.**