



# Technological Solutions to Foster Communication in Multisite, Longitudinal Studies

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## Objectives

1. To discuss challenges and obstacles to implementation of a successful multisite study.
2. To explain the benefits of recording web-based discussions for others to use in a synchronous or asynchronous manner.
3. To create a web-based site to house study information, timelines, updates, tasks, and documents in an organized place.

## Background

- Need more rigorous multisite studies to drive nursing and healthcare (Mariani and Doolen, 2016).
- Studies with more than one site **engaged** in research involving human subjects as defined by the Office for Human Research Protections, 2008.
  - Questions:
    - Is it research?
    - Is it human subjects research?
    - Is more than one site engaged in research involving human subjects?
- Improvement process-following and adhering to research. Starts the evidence-based trajectory that is the foundation of standard of care.
- Translational approach to enhanced patient care/Striving for safety and better outcomes for our patients
- Quality research has long term outcomes and implications

## Challenges and Obstacles

- Communication between sites
- Coordination of study duties
- Timing with onboarding multiple sites
- Sustainability/Changes
  - Study personnel
  - Protocol addendums/Alterations-New IRB needed
- Consistent study personnel training across study sites

## Tools We Employed



Email



Google Hangout



Skype



WhatsApp

## Purpose of Tools

- Provided a training forum
- Provided a sense of connectedness; both synchronous and asynchronous
- Provided a sense of community
- Provided an archival source of information
- Provided timely information for sharing

## Future Directions and Prospective Tools to Use



Explore Current Literature



Assist with Data Analysis



Connect with like-minded scientists



Assist with Writing, Publishing and Dissemination

## References

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