Advancing Research using App Based Innovations

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Objectives

• Conceptualize ways to improve research using technology

• Evaluate apps that can be used in research implementation
BARRIERS

- Sample size
- IRB
- Recruitment
- Cost
- Multiple sites
- Data
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3185 reported taking a medication
6989 reported having a disease
48,968 users provided consent

898 contributed data for 5 days
9500 chose to share data
48,000 app downloads

2,317 users filled out multiple surveys
7,593 people completed consent
50,000 app downloads

177 reported seizure triggers
598 participated
1484 seizures tracked

SUCCESSES

• Large enrollment numbers
• Large scale data
• Correlation of results with existing studies
• Ease of use for consent and data gathering

CHALLENGES

• Drop off in engagement over time
• Self report could be a validity threat
• Study follow up variance
• Physical activity measurement inaccuracies
Potential options

• Communication with participants
• Interaction via social media sites
• Utilization of learning platforms
• Access to study resources
Surveys

Survey Monkey

RedCap

Google forms

Survey Gizmo
Digital Content

Multitouch Books
iTunesU Or LMS
iMovie
Podcast
Face to Face Interventions
Web based interventions

Teen Dating Violence

Let's get started! Click Day 1 to begin.

Ideally you will visit one day’s messages daily, but feel free to work ahead or visit other topics once you complete your daily message.

Teen Dating Violence: Day 3

Dating violence can be physical, emotional, or sexual abuse between two people in a dating relationship.

CLICK TO LEARN MORE
Questions
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References

- All apps available through the Google Play, Android and Apple App Store


