ResearchACTS

Collect patient-reported data
Create customized patient summaries
Enable facilitated research in PBRNs
Research ACTS

- Why something new?
- What does it do?
- How does it work?
- What’s next?
Existing software (2011) was insufficient to:

- Integrate into clinic work flow;
- Manage complex user roles and data access;
- Help providers use information at the point-of-care;
- Manage informed consent; and
- Handle both research and clinical data.
We needed a tool that:

- Was accessible from anywhere and easy to use;
- Maintained privacy and confidentiality of data;
- Ensured that only information that was needed and allowed was accessible; and
- Could be adapted for any study, serving as an essential part of our PBRN infrastructure.
Created a web-based tool
Accessible via any internet-connected device
Enabled work with multiple partners, any EMR in a variety of settings, community and primary care
ResearchACTS Demo

http://youtu.be/ZpmdDvJuT-o
ResearchACTS

- Data Security/Privacy/Confidentiality
  - Consents
    - View/Accept/Email PDF
    - Tailored by study/site combination
    - Allows for multi-site studies with more than one IRB
  - User Types
    - Provider
    - Staff
    - Practice facilitator
    - Study coordinator
    - Administrator
Study Customization
- Eligibility Survey
- Sample/Participant creation
- Study Icon
- Multiple consents
- Participant/Provider surveys
- Customized patient summaries
- Geocoded resources tailored to individual patient
- Survey scoring
- Coded “thank you” screens
- Study notifications
Survey Scoring and Colored Coded Screens
Health Resources

- Geocoded—by participant’s zip code
- Resources Matching – and/or logic to match resources based on survey responses
Network-Level Reports

- Survey Data Export
- Study & Participant:
  - Count of consented participants per study
  - Total number of consented participants in software
  - Total number of studies
- Participant by Site by Study
- Site, Study & Provider
- External Survey Upload
- Deleted Participant – count of deleted participants per site
- Resource Matches – list of resources matches by site by survey
Testimonials

- “It was concise for providers and gave a means to distribute additional resource information for the patients. It seemed teenager-friendly...”
  —Physician Community Health Center, Orlando FL

- “…Makes the materials that we try to inform patients with three dimensional instead of flat.”
  —Pediatrician and Researcher, University of Florida

- “...The resource information was very useful especially with the option of printing or emailing to the patient. All in all it was a good experience.”
  —Tumarkin and Banks, Gainesville FL

- “User friendly, direct data entry streamlined the data capture as well as the consent process.”
  —Assistant Director Florida Hospital Family Medicine Residency, Orlando FL
Next steps?

- Currently only for University of Florida researchers and our project partners
- Designed for screening – interest in integrating other clinical interventions (like using motivational interviewing techniques) and longitudinal data collection
- Begin to interface with EMRs
- Create a downloadable version for wider distribution
- Prioritization will be difficult

For more information email Katie Eddleton: keddleton@ufl.edu
## Acknowledgments

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