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STRIDE
Strengthening Translational Research In Diverse Enrollment

University of Massachusetts Medical School
UMASS

UAB SCHOOL OF MEDICINE
Knowledge that will change your world

VANDERBILT UNIVERSITY
MEDICAL CENTER

The Goal of STRIDE

To improve recruitment of under-represented racial and ethnic minority group members in biomedical research by creating culturally and literacy relevant tools and interventions

STRIDE Specific Aims

Aim 1

Develop with community input

Aim 2

Evaluate in collaboration with ongoing research studies

Aim 3

Disseminate throughout the CTSA program and beyond

STRIDE Intervention Approach

- **Comprehensive, multi-level approach**
- **Aims to provide research teams with the training and tools for a culturally and literacy appropriate informed consent process**

STRIDE is a Three CTSA Collaboration

University of Massachusetts Medical School

- **Simulation**: training research assistants to conduct **culturally appropriate** informed consent
- **Storytelling**: participant stories to **increase understanding of** the research process

Vanderbilt University Medical Center

- **eConsent** that integrates tools to increase **relevance and comprehension**
- **Community Engagement Studios** to provide feedback on intervention components.

UAB School of Medicine

- Intervention **pilot testing**
- **Integrating components** (storytelling, simulation, eConsent) **into existing protocols**

STRIDE Intervention - Community Input on All Components

Community Investigators

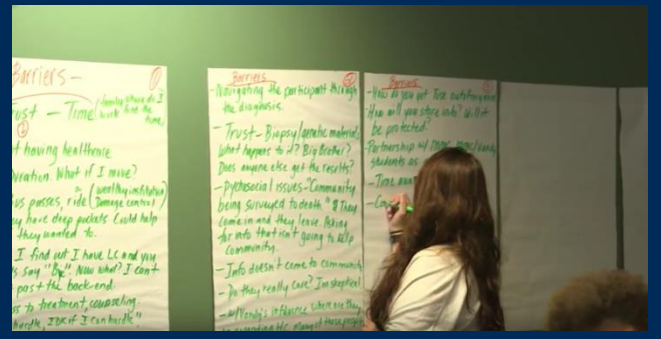
Fred Jenoure
UMMS

Jackie Simms
VUMC

Daniel Cruz
VUMC

Tiffany Alexander
UAB

Community Engagement Studios



Collaboration with Community Campus Partnerships for Health (CCPH)

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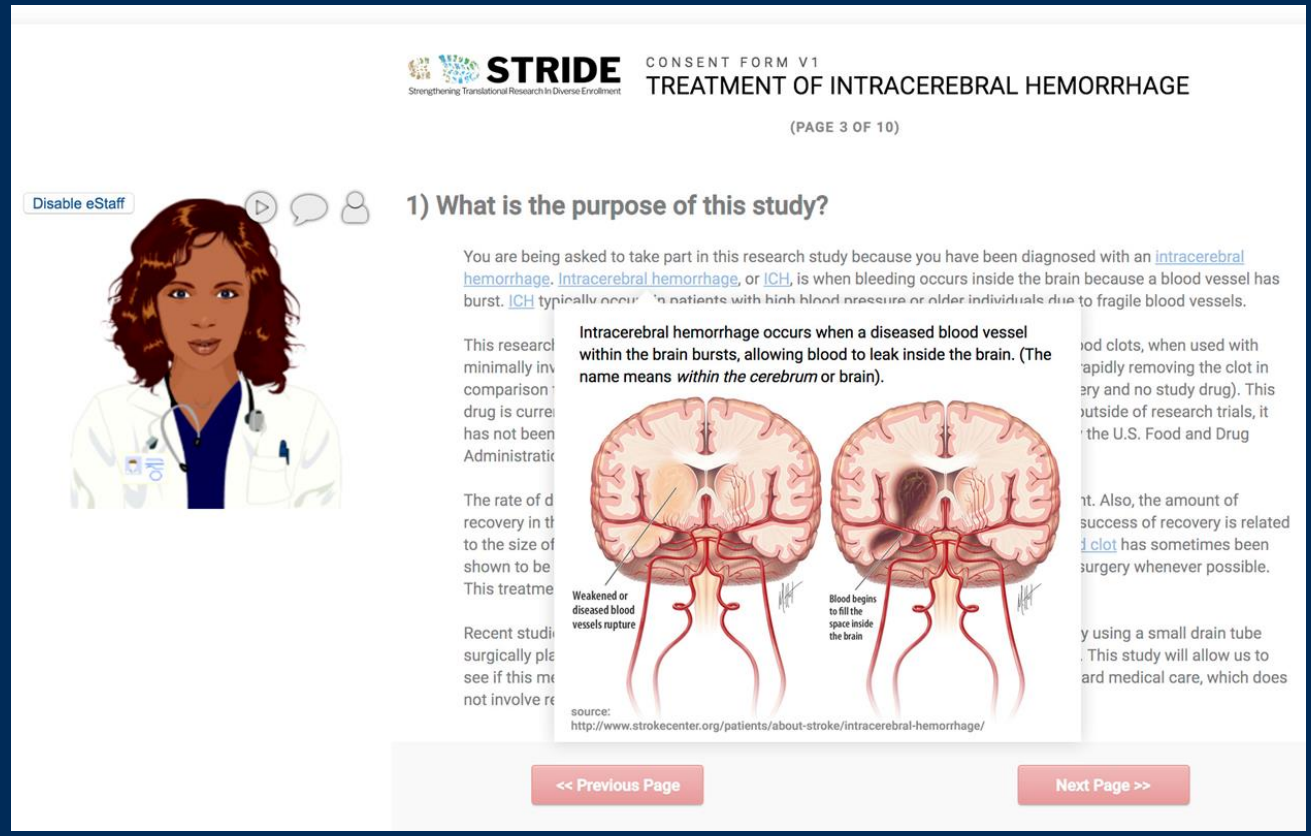
eConsent
Research Assistant Training
Storytelling

STRIDE Intervention eConsent- *What is It?*

- Contains all of traditional elements of paper consent PLUS
  - Videos for commonly consented procedures (e.g., LP, MRI, CT),
  - Avatars
  - Hover-over definitions with audio pronunciations
- Deployable in REDCap – scalable and shareable
- Part 11 compliant
- Example video: https://www.youtube.com/watch?v=3hldK0aD99k&feature=youtu.be



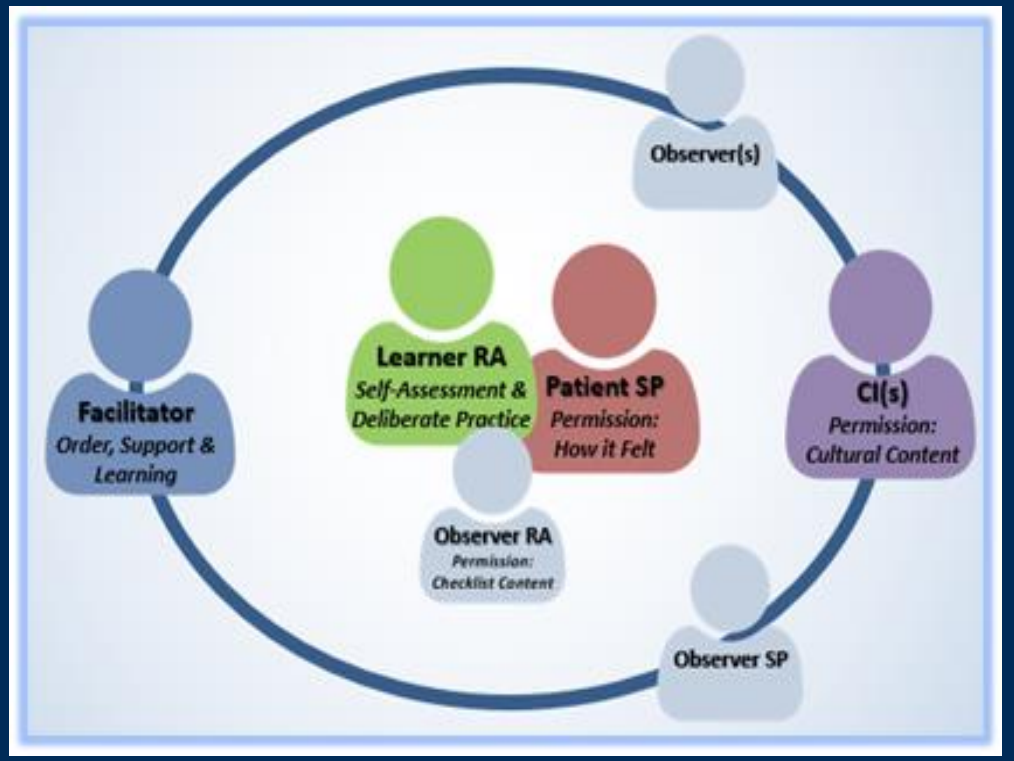

eConsent
Research Assistant Training
Storytelling

Core content of STRIDE Sim includes

- STRIDE 101: rationale for this work, econsent and storytelling components
- Understanding and utilizing simulation and deliberate practice methodology
- Applied implicit bias and cultural humility exercises
- Standardized patient cases interactions with deliberate practice, fishbowl debriefing
- Feedback, evaluation and commitment to change

Participant Feedback was highly positive

- “Excellent, supportive learning environment. Simulation was very helpful…feedbacks were informative.”
- “Look forward to using these tools throughout my career. Thank you.”
- “I learned that I say I don’t assume anything, but I have to admit that often I do.”

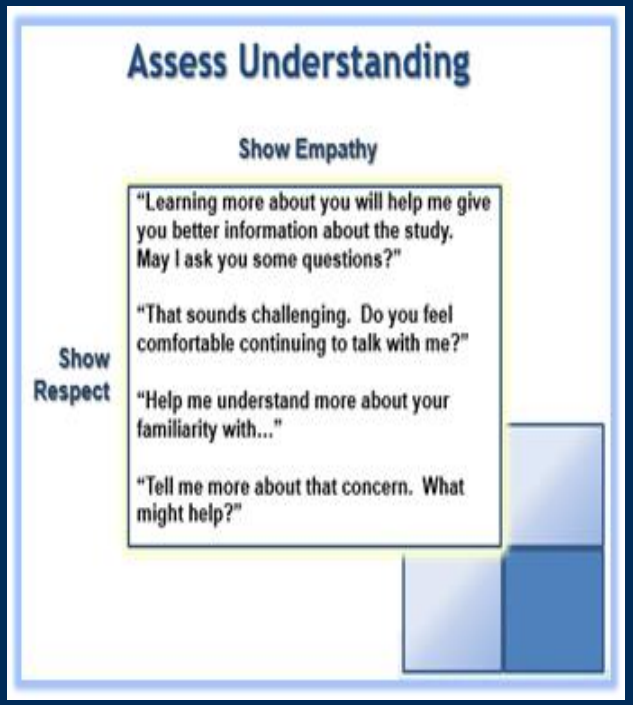


Research Assistants recognized the value of culturally appropriate informed consent

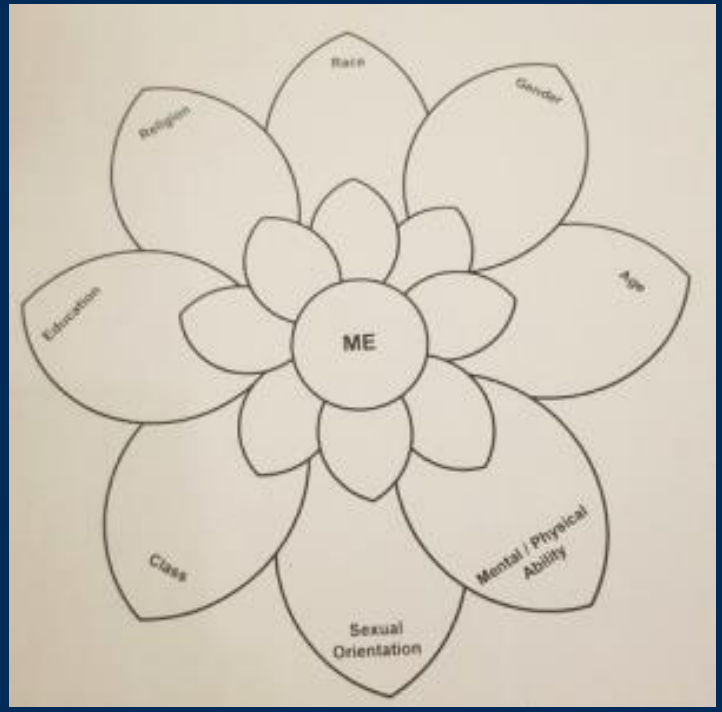
- “allows the researcher to effectively communicate with the patient by showing respect, assessing understanding and establishing a rapport.”
- “is necessary in healthcare. If we are not intentional, then we are not doing our jobs.”

Research Assistant reported building important engagement skills

- “techniques to effectively engage & build rapport w/ patients in a research setting.”
- “It's always helpful to be more mindful of our own biases and this workshop helped remind us that when we feel a bias, when that signal fires in our brain, to stop and think about what/where that is coming from.”
- “The need to assess not just understanding but also feelings/emotions in informed consent.”



“Please find a way to spread this work far and wide.”



Materials available

- Training agenda with related slide sets
- Facilitation guides
- Checklists
- Evaluation tools
- Trigger videos
- Worksheets
- Training guides

Redesigned training for broader dissemination

- 2-phase training that utilizes video, SP and existing materials for annual training
  - First year and onboarding (4 hour); annual refresh; train the trainer for subset of participants
  - Supports individualization to partner needs
  - Relies on fewer face-to-face and designated faculty experiences
  - Allows train the trainer modeling
- Faculty agnostic and scalable
- Video used more broadly in didactics, limited standardized patient interactions

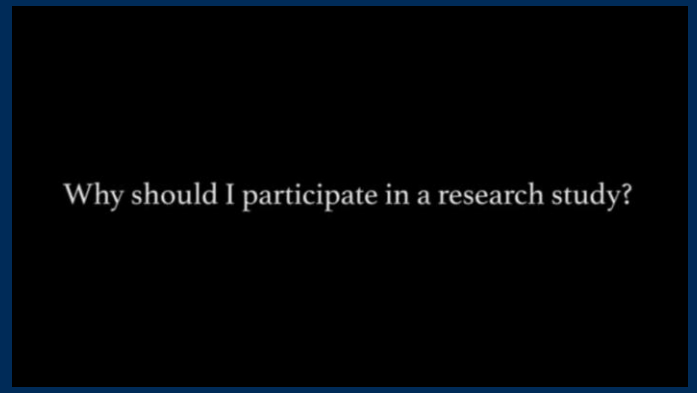

eConsent
Research Assistant Training
Storytelling

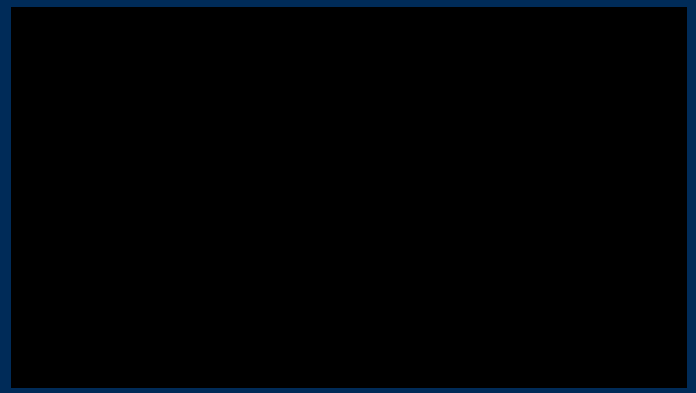
STRIDE Intervention - Storytelling

- Storytelling can be a useful training tool for research teams looking to expand diversity in their projects
- Including the voices of real participants in clinical trials to increase awareness in your research team
- Narratives can include direct experiences with research and approaches to overcoming barriers
- When used as an ancillary to eConsent, narratives can:
  - Introduce potential participants to goals of research
  - Clarify what research is during the informed consent process

STRIDE Intervention Storytelling

- **Explore a sample of storytelling videos:**





STRIDE Summary

- Three CTSA collaboration - focused on critical gap in clinical research
- Utilization of community investigators during all study phases
- Innovations
  - Consent including e-consent and storytelling
  - Research assistant training using simulation
  - Quasi-experimental design to test multi-modal intervention in practice
- Planned dissemination of tested materials across sites in CTSA network and beyond

Potential to improve informed consent process and enhance under-represented minority participation in research

STRIDE TEAM

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- Tiffany Alexander-Community Investigator
- Jeanne Merchant-Project Coordinator
- Carrie Oliver-IRB

CCPH

- Al Richmond, MSW-Consultant

UMASS

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