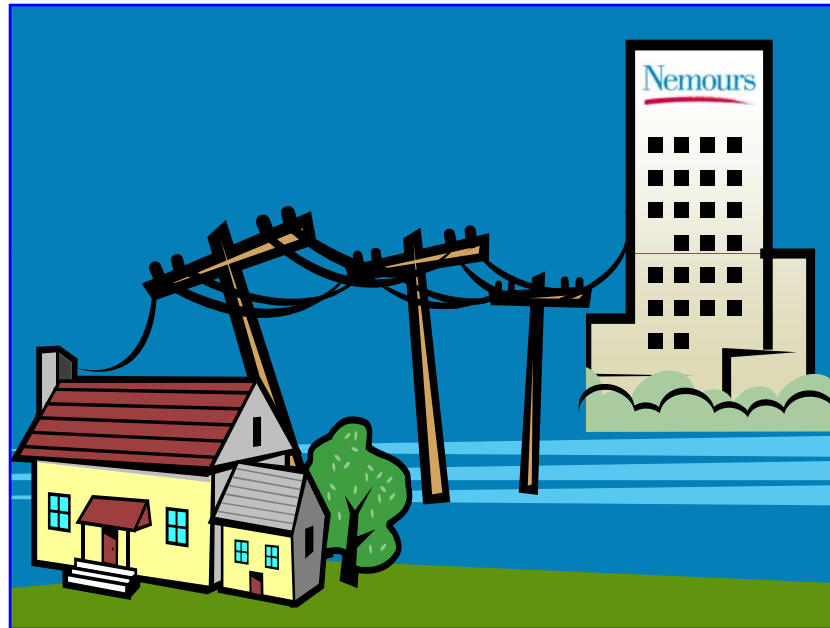


# Lessons from a Remote Monitoring At-Home Program



Susan Foster Yeager  
Nemours Children's Clinic  
Remote Monitoring Program Manager

Disclosure Information Research  
Support/Consultant/Speaker

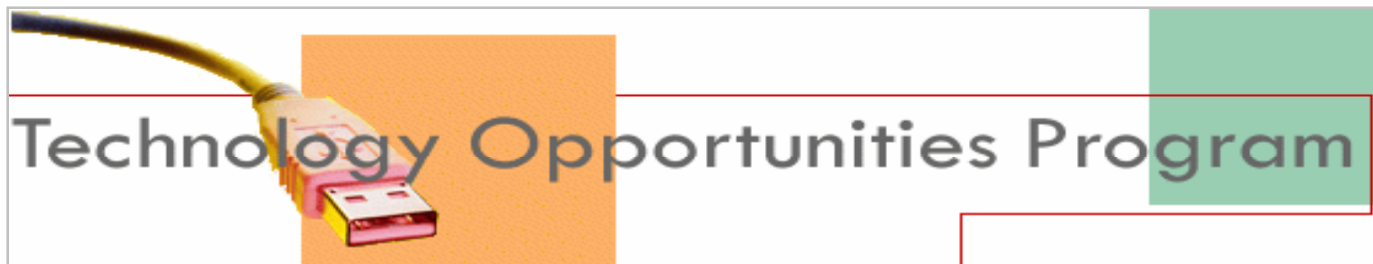
No Relevant Financial Relationships Exist

# Objectives

- Share lessons learned regarding the implementation of an at-home telemedicine service
- Share formal TOP grant evaluation outcomes
- Discuss next steps using what we've learned

# Remote Home Monitoring using Broadband over Power Lines

This pilot was made possible in part by a grant from the Technology Opportunities Program, National Telecommunications and Information Administration, and U.S. Department of Commerce.

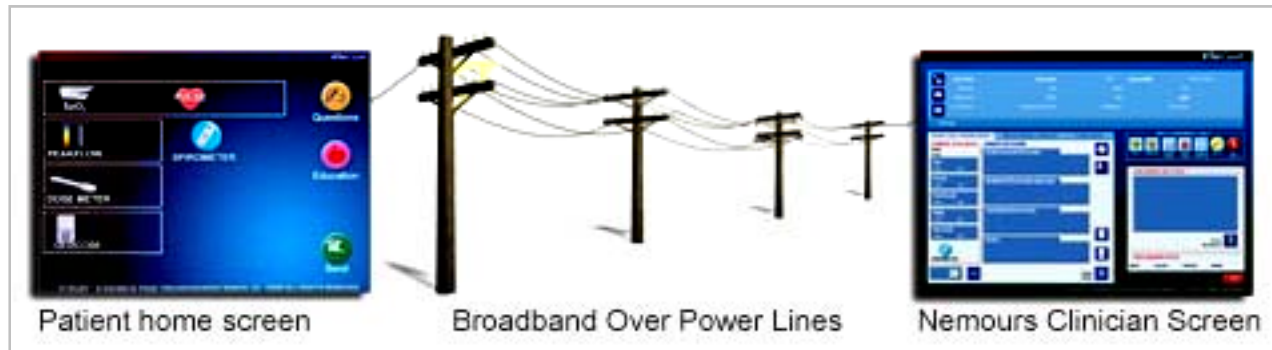


# Lessons Learned

- Patient Outreach
- Technology/Equipment
- Clinicians/Providers
- Clinical Outcomes
- Sustainability/Reimbursement



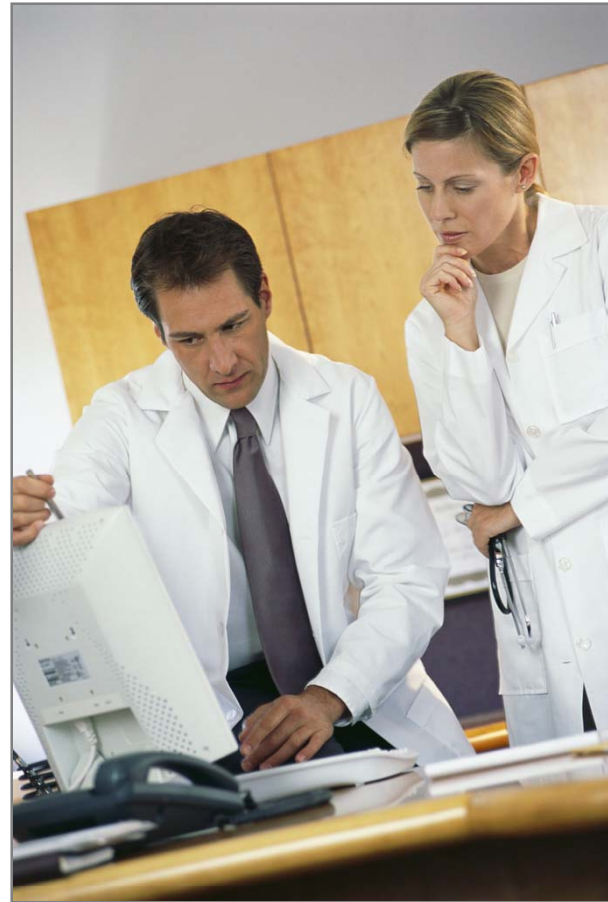
- Patient Outreach
  - “Recruiting”
  - Motivating
  - Availability

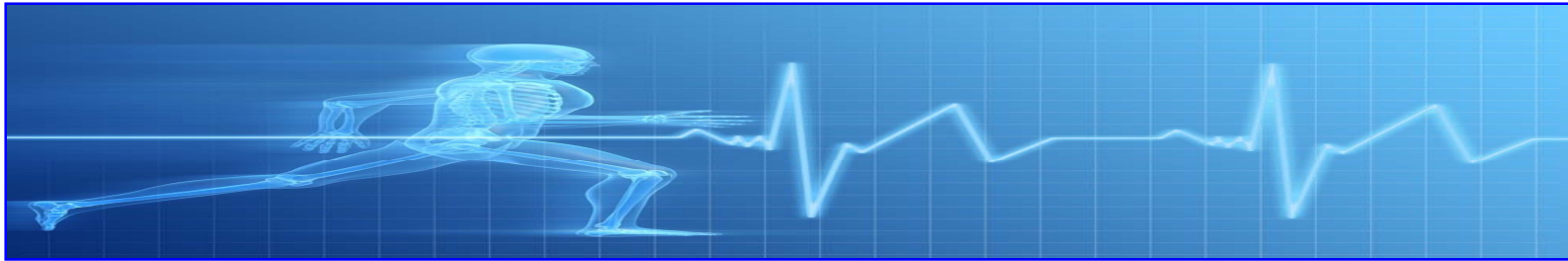


- Technology/Equipment
  - BPL
  - DSL/Cable/Wireless
  - Two-way Video Conferencing/Audio
  - Biomedical peripherals
  - Interfacing with Electronic Medical Records (EMR)

# Providers - Clinicians

- Tech-Savvy
- Training
- Communication





- Clinical Outcomes
  - ADHD
  - Asthma
  - Behavioral Counseling
  - CF
  - Epilepsy

# Sustainability/Reimbursement

- Cost of Technology
- Broadband Accessibility
- Coordination of Clinical Care Efforts
- Reimbursement Factors

# Evaluation Goal

- Describe the components of delivery of clinical services and costs.
- Document the usability of the systems from the provider's perspective.
- Document the opinion of patient's parents with the service.
- Disseminate project finding and conclusions to the project's funding agency and Nemours leadership.



# Next Time Around

- NICA
- Psychology/Psychiatry
- Obesity and Nutrition
- Reimbursement

# Neurologically Impaired

Florida Birth-Related Neurological Injury Compensation Association (NICA) is seeking opportunities to improve communication of clinical data between NICA patients, their non-Nemours caregivers, and Nemours clinical staff by offering E-Health visits to children.

*(Picture from Mt. Herman Exceptional Student Center – Duval County Public Schools – December 2006)*



# Q & A

