Digital Health

Traditional Tele-health consults
Remote care
Apps and Cell Phones
Individual and Population based care management

Payment Reform Will Force the Market Forward!

UAMS
Digital Health

Maximize healthcare resources
Provide increased opportunities to engage clinicians
Patients self-manage their care management

Delivers patient care outside of the hospital or doctor's office.
Our Vision

Eliminate health care disparities in Arkansas and abroad through digital health and healthcare innovations which embrace technology that improves the access to and the quality of clinical care, education, and research.
$102 Million Tel-Health Stimulus (2010)
Our state’s only academic medical center has access to thousands of miles of fiber optic cable through its broadband network, **UAMS e-Link** and partnership with the Arkansas Research and Education Optical Network (AREON) and fiber optic networks.
Arkansas’ Connectivity Though e-Link

Video access to 1,000+ health care providers on a dedicated, high-speed, HIPAA-compliant network

Cost savings related to data circuit rates and network-related equipment for delivery of telemedicine services

24/7 Telehealth support for UAMS-provided equipment and software around the state

Cell phone based meeting software allows collaboration anytime, anywhere, using a camera-equipped device
The Benefit of an Institute for Digital Health & Innovation

Research (Clinical, Value, Efficiency & Quality)

Care Model Design & Pathways

Workforce Retooling Education

Population Segmentation

Balance of Human Touch & Technology

The New Care Team (Patients, Doctors, Remote Workers & Machines)
What is the Value Proposition of a Digitally Enabled System of Care?

- Access
- Quality
- Efficiency
- Experience
How it Works
Evolution of UAMS Telehealth Programs (2003-2016)

- **2003**: Evolution of UAMS Telehealth Programs
- **2006**: (ONE) Team Obstetrical Neonatal Exchange CE for Nurses
- **2008**: Fetal Echo (Clinic)
- **2009**: Touch Telemedicine Outreach Utilizing Collaborative Healthcare (Neonatal Census Rounds)
- **2010**: $102M BTOP Grant Award
- **2011**: Completion of BTOP Grant Connecting 410+ Healthcare Sites
- **2012**: Adult Sickle Cell Clinic Guideline Smartphone Application
- **2013**: Stroke Assistance thru Virtual Emergency Support
- **2015**: 3,555 TM visits
- **2016**: School based Telemedicine (STAR)

New Clinical Services:
- Diabetes
- Colposcopy
- Resident-facilitated HROB Clinic
- CDH Live
- Prison Telemedicine Program

FY 2015: 728 consults, (tPA to 237 patients)
Evolution of ANGELS Into IDHI  Arkansas

• In 2002, DHS approached UAMS with High-Risk OB support concept.
• This innovative program was able to leverage federal dollars to increase access to care.
• UAMS provides state match portion, resulting in the requirement of no state funds.
Access

- Change how, where, & when people get healthcare
- Redesign care models using both physical and virtual space
- Extend reach & impact of clinical care without new facilities
- Cover gaps in healthcare coverage
The Front Door to a Digital-Enabled System of Care

Potential UAMS Customer

The Need

Integrated Access Center (Digital Front Door)

UAMS Remote Experience

UAMS Onsite Experience
Connected Health

Traditional Tele-health consults
Remote care
Apps and Cell Phones
Individual and Population based care management
Hospitals Providers and Patients

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