Doing Care Differently in Rural Kentucky Utilizing TeleMedicine

Kentucky Rural Health Association
Foundation for a Healthy Kentucky
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TeleHealth Director, Kentucky TeleHealth Network, University of Louisville
TeleMedicine

The right care
To the right people
At the right time
In the right place
Network History

- Kentucky TeleHealth Network (KTHN) established
- UofL and UK were designated primary TeleHealth Centers
- St. Claire Hospital in Morehead and Trover Regional Hospital in Madisonville designated as regional Training Centers
- Medicaid Reimbursement reform – followed by Medicare Reimbursement
- 3rd party payers agreed to follow Medicare guidelines
- The “new” KTHN could reach over 70 sites utilizing video conferencing
- Expansion with the KY Cabinet for Health and Family Services, the Department of Public Health and the Kentucky Department of Corrections KTHN access grew to over 120 healthcare sites across the state
- Expanded connectivity to over 1,000 locations.
Kentucky TeleHealth Network (KTHN) Sites
For more information, contact 859-257-6404

October 2006
Rural Health Care Delivery: Connecting Communities Through Technology

Prepared by First Consulting Group
December 2002
Terminology Lesson

- TeleHealth
- TeleMedicine
- TeleConference
- Video Conference
- Webinar
- Streaming video
- SKYPE

- Live / Interactive / Face-to-Face
- Store and Forward
- eHealth
- mHealth
- TeleHealth
MYTHS:

• TeleMedicine will bankrupt the system

• “I can’t examine a patient without touching them”

• Provider accessibility?
## Clinical Encounters and Educational Programming Utilization 2012

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Interactive Videoconferences</td>
<td>6,192</td>
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<tr>
<td>Visits</td>
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<tr>
<td>Transmitted EKGs</td>
<td>Approximately 3,000</td>
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<td>Educational Events</td>
<td>1,561</td>
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<td>Administrative Events</td>
<td>636</td>
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</table>
Game Changers

• Electronic Health Record (EHR)
• Healthcare Connect Fund
• mHealth expansion
• Re-imbursement expansion
• Satellite locations expansion
• E-Health and Kentucky Health Information Exchange
• Technology advances
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Physical Therapist uses telehealth to connect from the University of Louisville to a child in southeastern Kentucky.
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Future technology
Imagine a comprehensive, clinically relevant well-patient checkup using only smartphone-based devices. The data is immediately readable and fully uploadable to an electronic health record. The patient understands -- and even participates -- in the interaction far beyond faking a cough and gulping a deep breath. For real?

"These devices can abstract away the mundane and standardize the unreliable aspects of the physical exam. Measurements such as weight and blood pressure are so variable day-to-day, or even hour-to-hour, that an annual exam doesn't provide much insight into an individual patient's health status. Some of the smartphone devices are already being used by patients to collect and store their data so when they see their clinicians they can have productive and informed conversations, rather than relying on fragmented and unreliable metrics." Shiv Gaglani, John Hopkins University
Kentucky TeleHealth Board

Network Schedule

Home > Programs

All Programs for: 05/07/13

Please click on the Program Time to get more details on the below listed programs. The details page has more information, attachments and more instructions when available.

* You can click on each participating site to get more details on that site. While you hover your mouse over the site you will be presented the sites e.164.

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<th>EST/EDT</th>
<th>Conf ID</th>
<th>Description</th>
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<td>(CST/CDT)</td>
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<tr>
<td>08:00 - 09:00</td>
<td>1021030</td>
<td>UK Neurology Grand Rounds</td>
<td>Request</td>
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<td>(07:00 - 08:00)</td>
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<td>08:30 - 10:00</td>
<td>PTP</td>
<td>UofL 550 Clinic to Metro Corrections</td>
<td>Request</td>
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<tr>
<td>(07:30 - 09:00)</td>
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</tbody>
</table>

Participating Sites: SCR TeleCare Conference Rm, UK CT Wethington 411

Participating Sites: UI ACR, UI TeleHealth Office
Easier access =
More access =
Better outcomes =
Healthier Kentuckians
QUESTIONS AND DISCUSSION

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