

From the Kansas City Business Journal:

<https://www.bizjournals.com/kansascity/news/2017/04/14/ku-health-system-redivus-patient-outcomes.html>

KU Health, KC startup partner to improve outcomes at rural hospitals

Apr 14, 2017, 2:10pm CDT **Updated: Apr 17, 2017, 9:33am CDT**

Olathe startup Redivus Health has landed a key pilot project with a leader in the region, The University of Kansas Health System, that could help save patients' lives.

Redivus' clinical decision mobile app aligns with the health system's Kansas Heart and Stroke Collaborative, which aims to improve patient outcomes and quality of care for stroke and heart attack patients in rural areas, said Dr. Bob Moser, executive director of the collaborative.

Rural hospitals, for example, may not see heart attack patients regularly, as ERs in bigger cities do. So a key focus area is identifying ways to provide support to those critical-access hospitals in smaller communities, he said, and the Redivus app could be one tool.

Redivus CEO and co-founder Dr. Jeff Dunn likens it to turn-by-turn navigation for medical providers during time-sensitive and high-mortality events. Instead of wasting precious time rifling through printed PDFs, the app guides them through diagnosing and following treatment protocol for sepsis, stroke and cardiac arrest cases. Tools like Redivus can help the medical team be more efficient and timely in assessment and care, Moser said.

"We always emphasize that for heart attacks, time is heart muscle, and for stroke, time is brain," Moser said. "We know that for every minute that an ischemic stroke is occurring, we're losing about 1 million neurons. So this shows that if we do no treatment, we essentially aged the patient approximately 36 years. So it has a really significant impact on a person's function and capabilities (absent) intervening with the therapy that might be appropriate."

Five rural Kansas hospitals in the collaborative are piloting Redivus' app for 60 to 90 days: Hays Medical Center, Cheyenne County Hospital, Sheridan County Hospital, Citizens Medical Center and Norton County Hospital.

For Redivus, it's an opportunity to glean feedback to continue improving the platform and validate its pricing model and value proposition, Dunn said.

"We believe that KU is really a leader in the region, so it was a great opportunity for us to bring technology and innovate with a nationally recognized medical center," he said.



APOLLOMED

Redivus' mobile decision platform provides turn-by-turn navigation for medical providers during time-sensitive and high-mortality events.

Redivus already has seen success with its decision platform. During a pilot project with Kansas City's first responders, they saw a 40 percent improvement in adherence to the American Heart Association's guidelines for cardiac arrest treatment. The UMKC Family Medicine clinic at TMC Lakewood used the app for sepsis training and saw a 200 percent improvement in identifying sepsis when using the app.

"Those proof of concept points are huge as far as getting an enterprise, an academic center like KU Med to use this in a real-life environment," he said.

Redivus has grown to 15 full-time and part-time employees and is in the middle of a \$1.5 million seed round to further build out the platform. Dunn's goal is to find five marquee customers in 2017.

His vision is to decrease the amount of medical error in the health care system and, ultimately, save lives.

Leslie Collins

Reporter

Kansas City Business Journal

