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<https://www.bizjournals.com/kansascity/news/2020/03/27/coronavirus-redivus-health-free-medical-app.html>

Redivus Health responds to pandemic with free decision-making medical app

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REDIVUS HEALTH

The Code Blue portion of Redivus Health's app guides doctors and nurses through time-sensitive decision-making while caring for cardiac arrest patients.



With health care systems inundated with COVID-19 cases, an Olathe health tech startup is hoping to ease some of the burden with its clinical decision-making app.

Redivus Health, founded by doctors, developed several clinical modules inside the app that guide health care workers through stroke, sepsis and cardiac arrest cases. The code blue portion of the app, which covers cardiac arrest, now is being offered free to health care workers for at least 90 days.

“What we’re hearing is cardiac arrests are going up two to three times with the coronavirus, since people are really, really sick,” co-founder and CEO Dr. Jeff Dunn told the *Kansas City Business Journal*.

The Redivus app is akin to Google Maps. But instead of giving directions to a physical location, Redivus offers “turn-by-turn navigation” for making time-sensitive decisions while caring for patients, he said.

The app can help providers reduce medical errors, and it integrates with electronic medical records and automatically documents an event such as cardiac arrest. That saves time for nurses who typically were spending an hour updating a patient's record after a code blue event.

"Redivus Health was founded by doctors — me being one — and is staffed by nurses as well," Dunn said. "So we feel a real empathy and a pull to help those frontline providers make the right decisions during these times of crisis."

For its code blue module, Redivus participated in a study with a cardiac researcher, who found that the app helped doctors and nurses reduce medical errors by 66%, he said. Results from the study will be published in the near future.

Redivus is searching for a strategic partner to help it release a module tailored for COVID-19, which would help health care workers with screening, triaging and treating patients. There's ample confusion, and from a national perspective, there's currently not a set protocol, Dunn said.

Potential partners include electronic medical record companies, large health care systems and acute care providers. The startup also seeks a clinical partner to validate its module on heart attacks, which hasn't yet been released.

Beyond his company, Dunn is getting personally involved to help combat COVID-19, the disease caused by a strain of coronavirus. He's reinstating his medical license in Missouri and Kansas, so he can provide backup for his former colleagues. It's nerve-wracking to put himself out there, he said, but it has to be done.

"What we're dealing with is unprecedented," Dunn said. "It's terrifying, but there's only so many health care providers in the United States. ... Once you run out of your frontline providers, you have to have a backup plan, and that's where I want to help."

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